

**REVERSE AND REDUCTION MARINE TRANSMISSIONS
WITH HYDRAULICALLY OPERATED CLUTCHES**

MG-340 and MG-360 Series MARINE TRANSMISSIONS					
MODEL AND STANDARD EQUIPMENT	DRAWING NUMBER	RATIO	SAE HSG	WEIGHT kg (Lbs)	LIST PRICE
MG-340 (TM40) Vertical Offset, Aluminum Housing with Following Standard Equipment: - Mechanical Control Valve	IT40TD0002	1.45:1 2.00:1 2.60:1	See options	8.80 (19)	US \$ 633.49
MG-360 (TM60) Vertical Offset, Aluminum Housing with Following Standard Equipment: - Mechanical Control Valve	IT60TD0002	1.52:1 2.00:1 2.50:1 2.94:1	See options	14 (31)	US\$ 914.34

Important Notes:

Twin Disc MG-340 and MG-360 marine transmission **CANNOT** be used on engine with left-hand rotation.
Ratios listed are forward drive.

**REVERSE AND REDUCTION MARINE TRANSMISSIONS
WITH HYDRAULICALLY OPERATED CLUTCHES**

MG-340 and MG-360 Series ACCESSORIES						
DESCRIPTION	DRAWING NUMBER	WEIGHT		LIST PRICE ADDER	FIELD KIT	
		kg	(Lbs)		NUMBER	LIST PRICE
Input Housings						
MG-340 and MG-360 BW (Borg Warner) Bell Housing	IT1070162	0.8	(2)	US\$ 36.59	TBA	TBA
MG-340 and MG-360 SAE#5 Bell Housing	IT1070163	6.8	(15)	US\$ 75.60	TBA	TBA
MG-360 SAE#4 Bell Housing	IT1070164	8.0	(18)	US\$ 81.29	TBA	TBA
Torsional Couplings						
MG-340 and MG-360 Damper Plate	IT2062144	0.8	(2)	US\$ 65.39	TBA	TBA
Control Cable Bracket						
MG-340 Cable Bracket	IT1065003	0.3	(1)	US\$ 12.83	TBA	TBA
MG-360 Cable Bracket	IT1065002	0.3	(1)	US\$ 13.20	TBA	TBA
Extra Pulley						
MG-360 Only	IT1051022	0.3	(1)	US\$ 27.60	TBA	TBA
Heat Exchanger						
Heat exchanger for MG-360 only						
- For Raw Water; Water Flow Rate: 20.4 l/min (5.4 gpm), 43°C (109° F) max. water temp. (20mm core)	IT1023035	0.3	(1)	US\$ 30.00	TBA	TBA
- For Raw Water; Water Flow Rate: 20.4 l/min (5.4 gpm), 43°C (109° F) max. water temp. (25mm core)	IT1023036	0.4	(1)	US\$ 30.00	TBA	TBA
Service / Operators Manual						
- for MG-340	1019689			Included		
- for MG-360	1019690			Included		

Important Notes:

Please refer to Genuine Twin Disc Parts Price Book or contact Twin Disc for field installation kit (KS-kit and K-kit) prices.

**REVERSE AND REDUCTION MARINE TRANSMISSIONS
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MG-5005 A Series MARINE TRANSMISSIONS					
MODEL AND STANDARD EQUIPMENT	DRAWING NUMBER	RATIO	SAE HSG	WEIGHT kg (Lbs)	LIST PRICE
MG-5005 A (TM345A) 8° Down Angle, Aluminum Housing with Following Standard Equipment: - Mechanical Control Valve - Borg Warner Housing	IT345ATD0001	1.54:1 2.00:1 2.47:1	See options	25 (55)	US\$ 1,596.71

Important Notes:

Twin Disc MG-5005 A marine transmission **CANNOT** be used on engine with left-hand rotation.

Ratios listed are for forward and reverse drive.

**REVERSE AND REDUCTION MARINE TRANSMISSIONS
WITH HYDRAULICALLY OPERATED CLUTCHES**

MG-5005 A Series ACCESSORIES						
DESCRIPTION	DRAWING NUMBER	WEIGHT		LIST PRICE ADDER	FIELD KIT	
		kg	(Lbs)		NUMBER	LIST PRICE
Input Housings						
SAE #5 Bell Housing	IT1070142	2.3	(5)	US\$ 70.02	TBA	TBA
SAE #5 Bell Housing (For Yanmar Engine)	See note	9.8	(22)	US\$ 167.88	TBA	TBA
SAE #4 Bell Housing	IT2011332	7.8	(17)	US\$ 71.27	TBA	TBA
SAE #4 Bell Housing (For Yanmar Engine)	IT1070143	7.8	(17)	US\$ 71.47	TBA	TBA
SAE #3 Bell Housing	IT2011355				TBA	TBA
- For Yanmar engine use IT1070142 and IT4571002						
Torsional Couplings						
Centa CFDS22 Dual Stage Coupling - 6.5"	IT4648004	2.8	(6)	US\$ 227.60	TBA	TBA
Centa CFDS22 Dual Stage Coupling - 7.5"	IT4648005	3.3	(7)	US\$ 227.60	TBA	TBA
Centa DS Coupling - For Yanmar 4JH	IT4648053	3.6	(8)	US\$ 238.12	TBA	TBA
Centa DS Coupling - For Aifo 8141	IT4648007	3.6	(8)	US\$ 291.80	TBA	TBA
Control Cable Bracket						
Cable Bracket for MG-5005 A	IT1065003	0.3	(1)	US\$ 12.83	TBA	TBA
Companion Flange						
Companion Flange for MG-5005 A	IT2074040	5.3	(12)	US\$ 116.72	TBA	TBA
Heat Exchanger						
Heat exchanger for MG-5005 A	IT1023041	2.0	(4)	US\$ 210.09	TBA	TBA
- For Raw Water; Water Flow Rate: 80 l/min (21 gpm), 30° C (86° F) max. water temp.						
Trolling Valve						
Trolling Valve for MG-5005 A	IT1033004M	2.0	(4)	US\$ 320.98	IT1033004*	US\$ 379.34
Service / Operators Manual						
- for MG-5005 A	1019691			Included		

Important Notes:

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**REVERSE AND REDUCTION MARINE TRANSMISSIONS
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MG-5012 SC Series MARINE TRANSMISSIONS					
MODEL AND STANDARD EQUIPMENT	DRAWING NUMBER	RATIO	SAE HSG	WEIGHT kg (Lbs)	LIST PRICE
MG-5012 SC (TM93) Vertical offset, Aluminum Housing with Following Standard Equipment: - Mechanical Control Valve	IT93TD0001	1.51:1 2.09:1 2.40:1 2.77:1	See options	53 (117)	US\$ 2,373.00

Important Notes:

Twin Disc MG-5012 SC marine transmission CANNOT be used on engine with left-hand rotation.

Ratios listed are for forward and reverse drive.

**REVERSE AND REDUCTION MARINE TRANSMISSIONS
WITH HYDRAULICALLY OPERATED CLUTCHES**

MG-5012 SC Series ACCESSORIES						
DESCRIPTION	DRAWING NUMBER	WEIGHT		LIST PRICE ADDER	FIELD KIT	
		kg	(Lbs)		NUMBER	LIST PRICE
Input Housings						
SAE #3 Bell Housing - 12.5 mm housing depth	IT1070155	14.0	(31)	US\$ 89.29	TBA	TBA
SAE #3 Bell Housing - 33 mm housing depth	IT1070157	13.0	(29)	US\$ 89.29	TBA	TBA
SAE #4 Bell Housing - 12.5 mm housing depth	IT1070156	10.0	(22)	US\$ 77.62	TBA	TBA
SAE #4 Bell Housing - 33 mm housing depth	IT1070158	9.4	(21)	US\$ 77.62	TBA	TBA
SAE #4 Bell Housing - 50 mm housing depth - For Yanmar 4LH	IT1070144	11.0	(24)	US\$ 77.62	TBA	TBA
BW Bell Housing - 13.5 mm housing depth	IT1070097	5.0	(11)	US\$ 64.77	TBA	TBA
BW Bell Housing - 30 mm housing depth	IT1070131	4.2	(9)	US\$ 71.20	TBA	TBA
Torsional Couplings						
Centa CFDS25 Dual Stage Coupling - 10"	IT4648018	3.4	(7)	US\$ 295.81	TBA	TBA
Centa CFDS25 Dual Stage Coupling - 11.5"	IT4648019	3.6	(8)	US\$ 220.02	TBA	
Centa CFDS22 Coupling - For Yanmar 4LH	IT4648054	3.3	(7)	US\$ 238.11	TBA	TBA
Control Cable Bracket						
Cable Bracket for MG-5012 SC	IT1065003	0.3	(1)	US\$ 12.83	TBA	TBA
Companion Flange						
Companion Flange for MG-5012 SC	IT1068001	5.5	(12)	US\$ 116.72	TBA	TBA
Heat Exchanger						
Heat exchanger for MG-5012 SC						
- For Raw Water; Water Flow Rate: 120 l/min (31 gpm), 30° C (86° F) max. water temp.	IT1023023	7.4	(16)	US\$ 358.34	TBA	TBA
- For Raw Water; Water Flow Rate: 120 l/min (31 gpm), 30° C (86° F) max. water temp. (for Yanmar)	IT1023043	7.7	(17)	US\$ 358.34	TBA	TBA
Trolling Valve						
Trolling Valve for MG-5012 SC	IT103300101M	6.0	(13)	US\$ 373.51	IT103300101*	US\$ 440.62
Service / Operators Manual						
- for MG-5012 SC	1020545			Included		

Important Notes:

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**REVERSE AND REDUCTION MARINE TRANSMISSIONS
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MG-5015 A Series MARINE TRANSMISSIONS					
MODEL AND STANDARD EQUIPMENT	DRAWING NUMBER	RATIO	SAE HSG	WEIGHT kg (Lbs)	LIST PRICE
MG-5015 A (TM545A) 8° Down Angle, Aluminum Housing with Following Standard Equipment: - Mechanical Control Valve	IT545ATD0002	1.51:1 2.09:1 2.40:1	See options	36 (79)	US\$ 1,921.41

Important Notes:

Twin Disc MG-5015 A marine transmission CANNOT be used on engine with left-hand rotation.

Ratios listed are for forward and reverse drive.

**REVERSE AND REDUCTION MARINE TRANSMISSIONS
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MG-5015 A Series ACCESSORIES						
DESCRIPTION	DRAWING NUMBER	WEIGHT		LIST PRICE ADDER	FIELD KIT	
		kg	(Lbs)		NUMBER	LIST PRICE
Input Housings						
SAE #3 Bell Housing - 12.5 mm housing depth	IT1070155	14.0	(31)	US\$ 89.29	TBA	TBA
SAE #3 Bell Housing - 33 mm housing depth	IT1070157	13.0	(29)	US\$ 89.29	TBA	TBA
SAE #4 Bell Housing - 12.5 mm housing depth	IT1070156	10.0	(22)	US\$ 77.62	TBA	TBA
SAE #4 Bell Housing - 33 mm housing depth	IT1070158	9.4	(21)	US\$ 77.62	TBA	TBA
SAE #4 Bell Housing - For Yanmar 4LH	IT1070144	11.0	(24)	US\$ 77.62	TBA	TBA
BW Bell Housing - 13.5 mm housing depth	IT1070097	5.0	(11)	US\$ 64.77	TBA	TBA
BW Bell Housing - 30 mm housing depth	IT1070131	4.2	(9)	US\$ 71.20	TBA	TBA
Torsional Couplings						
Centa CFDS25 Dual Stage Coupling - 10"	IT4648018	3.4	(7)	US\$ 295.81	TBA	TBA
Centa CFDS25 Dual Stage Coupling - 11.5"	IT4648019	3.6	(8)	US\$ 220.02	TBA	TBA
Centa CFDS22 Coupling - For Yanmar 4LH	IT4648054	3.3	(7)	US\$ 238.11	TBA	TBA
Control Cable Bracket						
Cable Bracket for MG-5015 A	IT1065003	0.3	(1)	US\$ 12.83	TBA	TBA
Companion Flange						
Companion Flange for MG-5015 A	IT1068001	5.5	(12)	US\$ 116.72	TBA	TBA
Heat Exchanger						
Heat exchanger for MG-5015 A						
- For Raw Water; Water Flow Rate: 120 l/min (31 gpm), 30° C (85° F) max. water temp.	IT1023023	7.4	(16)	US\$ 358.34	TBA	TBA
- For Raw Water; Water Flow Rate: 120 l/min (31 gpm), 30° C (85° F) max. water temp. (For Yanmar	IT1023043	7.7	(17)	US\$ 358.34	TBA	TBA
Trolling Valve						
Trolling Valve for MG-5015 A	IT103300101M	6.0	(13)	US\$ 373.51	IT103300101*	US\$ 440.62
Service / Operators Manual						
- for MG-5015 A	1019692			Included		

Important Notes:

* Please refer to Genuine Twin Disc Parts Price Book or contact Twin Disc for field installation kit (KS-kit and K-kit) prices.

**REVERSE AND REDUCTION MARINE TRANSMISSIONS
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MG-5020 SC Series MARINE TRANSMISSIONS					
MODEL AND STANDARD EQUIPMENT	DRAWING NUMBER	RATIO	SAE HSG	WEIGHT kg (Lbs)	LIST PRICE
MG-5020 SC (TM170) Vertical offset, Aluminum Housing with Following Standard Equipment: - Mechanical Control Valve	IT170TD0001	1.50:1 2.04:1 2.50:1 2.94:1	See options	75 (165)	US\$ 2,730.00

Important Notes:

Twin Disc MG-5020 SC marine transmission CANNOT be used on engine with left-hand rotation.

Ratios listed are for forward and reverse drive.

**REVERSE AND REDUCTION MARINE TRANSMISSIONS
WITH HYDRAULICALLY OPERATED CLUTCHES**

MG-5020 SC Series ACCESSORIES					FIELD KIT	
DESCRIPTION	DRAWING NUMBER	WEIGHT kg (Lbs)	LIST PRICE ADDER		NUMBER	LIST PRICE
Input Housings						
SAE #3 Bell Housing - 12.5 mm housing depth	IT1070155	14.0 (31)	US\$ 89.29		TBA	TBA
SAE #3 Bell Housing - 33 mm housing depth	IT1070157	13.0 (29)	US\$ 89.29		TBA	TBA
SAE #3 Cat Bell Housing	IT1070161	15.0 (33)	US\$ 202.84		TBA	TBA
SAE #3 Bell Housing - For Yanmar	IT1070154	14.0 (31)	US\$ 84.16		TBA	TBA
SAE #4 Bell Housing - 12.5 mm housing depth	IT1070156	10.0 (22)	US\$ 77.62		TBA	TBA
SAE #4 Bell Housing - 33 mm housing depth	IT1070158	9.4 (21)	US\$ 77.62		TBA	TBA
BW Bell Housing - 13.5 mm housing depth	IT1070097	5.0 (11)	US\$ 64.77		TBA	TBA
BW Bell Housing - 30 mm housing depth	IT1070131	4.2 (9)	US\$ 71.20		TBA	TBA
Torsional Couplings						
Centa CFDS30 Dual Stage Coupling - 11.5"	IT4648020	5.4 (12)	US\$ 272.36		TBA	TBA
Centa CFDS30 Dual Stage Coupling - For Yanmar	IT4648021	5.4 (12)	US\$ 271.23		TBA	TBA
Rubber Block Drive Coupling - 11.5"	TBA		US\$ 218.26		TBA	TBA
Control Cable Bracket						
Cable Bracket for MG-5020 SC	IT1065005	0.3 (1)	US\$ 12.83		TBA	TBA
Companion Flange						
Companion Flange for MG-5020 SC	IT1068001	5.5 (12)	US\$ 116.72		TBA	TBA
Heat Exchanger						
Heat exchanger for MG-5020 SC - For Raw Water; Water Flow Rate: 120 l/min (31 gpm), 30° C (85° F) max. water temp.	IT1023023	7.4 (16)	US\$ 358.34		TBA	TBA
Trolling Valve						
Trolling Valve for MG-5020 SC	IT103300201M	6.0 (13)	US\$ 373.51		IT103300201*	US\$ 440.62
Service / Operators Manual						
- for MG-5020 SC	1020547		Included			

Important Notes:

* Please refer to Genuine Twin Disc Parts Price Book or contact Twin Disc for field installation kit (KS-kit and K-kit) prices.

**REVERSE AND REDUCTION MARINE TRANSMISSIONS
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MG-5055 A Series MARINE TRANSMISSIONS					
MODEL AND STANDARD EQUIPMENT	DRAWING NUMBER	RATIO	SAE HSG	WEIGHT kg (Lbs)	LIST PRICE
MG-5055 A (TM880A) 10° Down Angle, Aluminum Housing with Following Standard Equipment: - Mechanical Control Valve	IT880ATD0002	1.53:1 2.08:1 2.60:1	See options	54 (119)	US\$ 2,673.93

Important Notes:

Twin Disc MG-5055 A marine transmission CANNOT be used on engine with left-hand rotation.

Ratios listed are for forward and reverse drive.

**REVERSE AND REDUCTION MARINE TRANSMISSIONS
WITH HYDRAULICALLY OPERATED CLUTCHES**

MG-5055 A Series ACCESSORIES						
DESCRIPTION	DRAWING NUMBER	WEIGHT		LIST PRICE ADDER	FIELD KIT	
		kg	(Lbs)		NUMBER	LIST PRICE
Input Housings						
SAE #3 Bell Housing - 12.5 mm housing depth	IT1070155	14.0	(31)	US\$ 89.29	TBA	TBA
SAE #3 Bell Housing - 33 mm housing depth	IT1070157	13.0	(29)	US\$ 89.29	TBA	TBA
SAE #3 Cat Bell Housing	IT1070161	15.0	(33)	US\$ 202.84	TBA	TBA
SAE #3 Bell Housing - For Yanmar	IT1070154	14.0	(31)	US\$ 84.16	TBA	TBA
SAE #4 Bell Housing - 12.5 mm housing depth	IT1070156	10.0	(22)	US\$ 77.62	TBA	TBA
SAE #4 Bell Housing - 33 mm housing depth	IT1070158	9.4	(21)	US\$ 77.62	TBA	TBA
BW Bell Housing - 13.5 mm housing depth	IT1070097	5.0	(11)	US\$ 64.77	TBA	TBA
BW Bell Housing - 30 mm housing depth	IT1070131	4.2	(9)	US\$ 71.20	TBA	TBA
Torsional Couplings						
Centa CFDS30 Dual Stage Coupling - 11.5"	IT4648020	5.4	(12)	US\$ 272.36	TBA	TBA
Centa CFDS30 Dual Stage Coupling - For Yanmar	IT4648021	5.4	(12)	US\$ 271.23	TBA	TBA
Rubber Block Drive Coupling - 11.5"	TBA			US\$ 218.26	TBA	TBA
Control Cable Bracket						
Cable Bracket for MG-5055 A	IT1065005	0.3	(1)	US\$ 12.83	TBA	TBA
Companion Flange						
Companion Flange for MG-5055 A	IT1068001	5.5	(12)	US\$ 116.72	TBA	TBA
Heat Exchanger						
Heat exchanger for MG-5055 A - For Raw Water; Water Flow Rate: 120 l/min (31 gpm), 30° C (85° F) max. water temp.	IT1023023	7.4	(16)	US\$ 358.34	TBA	TBA
Trolling Valve						
Trolling Valve for MG-5055 A	IT103300701M	6.0	(13)	US\$ 373.51	IT103300701*	US\$ 440.62
Service / Operators Manual						
- for MG-5055 A	1019693			Included		

Important Notes:

* Please refer to Genuine Twin Disc Parts Price Book or contact Twin Disc for field installation kit (KS-kit and K-kit) prices.

**REVERSE AND REDUCTION MARINE TRANSMISSIONS
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MG-5010 and MG-5011 Series MARINE TRANSMISSIONS					
MODEL AND STANDARD EQUIPMENT	DRAWING NUMBER	RATIO	SAE HSG	WEIGHT kg (Lbs)	LIST PRICE
MG-5010 DC Vertical Offset, C.I. Housing Marine Transmission with Following Standard Equipment: - Without Housing or Flexible Coupling - Mechanical Control Valve	PX-9400	3.00:1 3.52:1 4.00:1	See options	75 (165)	US\$ 4,216
MG-5011 SC Vertical Offset, C.I. Housing Marine Transmission with Following Standard Equipment: - Without Housing or Flexible Coupling - Mechanical Control Valve	PX-10270	1.11:1 1.50:1 2.00:1 2.44:1	See options	49 (108)	US\$ 2,633
MG-5011 A 10° Down Angle, C.I. Housing Marine Transmission with Following Standard Equipment: - Without Housing or Flexible Coupling - Mechanical Control Valve	PX-9999	1.44:1 1.90:1 2.39:1	See options	49 (108)	US\$ 2,633
MG-5011 IV Integral V-Drive, 15° Down Angle, Marine Transmission with Following Standard Equipment: - Without Housing or Flexible Coupling - Mechanical Control Valve - Companion Flange	PX-10290	1.14:1 1.54:1 2.06:1 2.51:1	See options	77 (170)	US\$ 3,763

Important Notes:

Please contact Twin Disc when marine transmission is used on engine with left-hand rotation. A different oil pump installation will be required.

**REVERSE AND REDUCTION MARINE TRANSMISSIONS
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MG-5010 and MG-5011 Series ACCESSORIES						
DESCRIPTION	DRAWING NUMBER	WEIGHT kg	(Lbs)	LIST PRICE ADDER	FIELD KIT	
					NUMBER	LIST PRICE
Input Housing						
SAE #4	1003412	5.0	(11)	US\$ 322.00		
SAE #4 (For MG-5011 IV)	P-9139	5.0	(11)	US\$ 322.00		
SAE #3	XB5690D	6.0	(13)	US\$ 260.00		
SAE #3 (For MG-5011 IV)	P-9138	6.0	(13)	US\$ 260.00		
SAE #3 for Caterpillar	XB5690E	6.0	(13)	US\$ 263.00		
Borg Warner (MG5010DC, MG5011A and MG5011SC)	PX-9156	5.0	(11)	US\$ 178.00		
Borg Warner (MG5011IV)	PX-9156	5.0	(11)	US\$ 191.00		
Special housing for Yanmar 4LH engine (For MG-5011A/SC)	P-11258	6.0	(13)	US\$ 201.00		
Torsional Couplings						
Spring Damper (Maximum Torque Rating: 636 Nm / 469 lb ft.)	PX-11999	---		US\$ 362.00		
Non-Silicon Vulkardan E-2410 Series for 10" Flywheel (SAE J620 size 255)	PX-9663 Series	---		US\$ 152.00		
Non-Silicon Vulkardan E-2410 Series for 11.5" Flywheel (SAE J620 size 290)	PX-8756 Series	---		US\$ 152.00		
Natural Rubber, Dual Stage Centa CF-DS-25-7 for 11.5" Flywheel (SAE J620 size 290)	PX-10620	---		US\$ 216.00		
Natural Rubber, Dual Stage Centa CF-DS-22-335 (Use with Yanmar 4LH engine)						
- for MG-5011 A & MG-5011 SC	PX-11259	---		US\$ 173.00		
P.T.O.						
Live pump mount PTO - for American Standard 4F17 Splined Pump, maximum 35 Nm	1002678	1.5	(3)	US\$ 246.00	KS 544 *	US\$ 246.00
Pump for live PTO - 1002678	1015335	2.5	(6)	US\$ 494.00		
- for MG-5011 A, MG-5011 SC & MG-5011 IV						
Live pump mount PTO - SAE-J-744 size 101-4, 22-4, max. 197 Nm (ex. SAE B, 4-bolt)	See PX-9400	1.8	(4)	US\$ 181.00	KS 436 *	US\$ 181.00
- for MG-5010 DC						
No clutchable PTO (pump mount or shaft drive) available	NA					
Control Valve						
Mechanical control valve with rate-of-rise (24.8 bar/360 p.s.i.)	See			Included	TBA	TBA
- for MG-5010 DC	Drawing					
Mechanical control valve without rate-of-rise (24.8 bar/360 p.s.i.)	See			Included	TBA	TBA
- for MG5011 A, MG5011 SC and MG-5011 IV	Drawing					
<u>Please note:</u> Rate-of-Rise is not available for these mechanical selector valves						
Electric control valve (Not Available for MG5010 and MG5011 Series Transmissions)	NA					
Trolling Valve						
Mechanical trolling valve for mechanical selector valve	PX-8871	2.5	(6)	US\$ 194.00	KS 313 *	US\$ 342.00
- for MG-5010 DC						
Mechanical trolling valve for mechanical selector valve	1002676	2.3	(5)	US\$ 367.00	K 1071 *	US\$ 470.00
- for MG-5011 A, MG-5011 SC and MG-5011 IV						
Oil Filter						
Unit mounted oil filter	NA					
Companion Flange						
Companion Flange including bolts and nuts						
- for MG-5010 DC (1½" plain bore)	PX-8775A	7.3	(16)	US\$ 222.00		
- for MG-5011 A	1002914	3.2	(7)	US\$ 121.00		
- for MG-5011 SC	1003155	5.0	(11)	US\$ 317.00		
- for MG-5011 IV	PX-9133	---		Included		
Monitoring (all Models)						
Pressure gauge (loose)	B-1703-D	0.5	(1)	US\$ 64.00		
Temperature gauge and switch (loose)	B-3424	0.5	(1)	US\$ 119.00		
Neutral Switch (Normally Open or Normally Closed)	PM-10747	---		US\$ 132.00	KS 423	US\$ 182.00
Heat Exchanger (all Models)						
Heat Exchanger for Raw Water, Water Flow Rate: 10 to 30 gpm, 85° F Max. Water Temperature	M-1959-P	3.2	(7)	US\$ 210.00	K 86	US\$ 316.20
Heat Exchanger for Fresh Water, Water Flow Rate: 20 to 30 gpm, 165° F Max. Water Temperature	M-1959-E	4.0	(9)	US\$ 255.00	K 85	US\$ 316.20
(heat exchangers include mounting bracket, hoses and fittings)						
Mounting Brackets						
- for MG-5011 A and MG-5011 SC (steel fabricated)	1016428-U	5.0	(12)	US\$ 230.00		
- for MG-5010 DC and MG-5011 IV	NA					
Service Manuals						
- for MG-5010 DC		---		US\$ 60.00		
- for MG-5011 A	1019019	---		US\$ 60.00		
- for MG-5011 SC	1017585	---		US\$ 60.00		
- for MG-5011 IV	1019761	---		US\$ 60.00		

Important Notes:

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MG-5050 Series MARINE TRANSMISSIONS						
MODEL AND STANDARD EQUIPMENT	DRAWING NUMBER	RATIO	SAE HSG	WEIGHT kg (Lbs)		LIST PRICE
MG-5050 SC Vertical Offset Marine Transmission with Following Standard Equipment: - SAE J617 Housing No. 1, No. 2, No. 3 OR Special CAT SAE No. 3 - Flexible Coupling for 14" OR 11.5" Flywheel (SAE J620 size 355 OR 290): • Non-Silicon Vulkardan E-3210 Series - Mechanical Control Valve - Output Flange Size SAE 3	PX-8575 PX-8575-A ¹⁾	1.00:1 1.23:1 1.53:1 1.71:1 2.04:1 2.45:1 3.00:1	SAE 1 ²⁾ SAE 2 SAE 3 SAE 3 CAT	107 97 95 95	(236) (214) (209) (209)	US\$ 4,194 US\$ 3,854 US\$ 3,854 US\$ 3,957
MG-5050 A 10° Down Angle, Marine Transmission with Following Standard Equipment: - SAE J617 Housing No. 1, No. 2, No. 3 OR Special CAT SAE No. 3 - Flexible Coupling for 14" OR 11.5" Flywheel (SAE J620 size 355 OR 290): • Non-Silicon Vulkardan E-3210 Series - Mechanical Control Valve - Output Flange Size SAE 3	PX-8580 PX-8580-A ¹⁾	1.12:1 1.26:1 1.50:1 1.80:1 2.04:1 2.50:1	SAE 1 ²⁾ SAE 2 SAE 3 SAE 3 CAT	101 91 88 88	(222) (200) (194) (194)	US\$ 4,194 US\$ 3,854 US\$ 3,854 US\$ 3,957
MG-5050 V Remote V-Drive, 7° Down Angle, Marine Transmission with Following Standard Equipment: - Input Flange Size GWB 587.15 OR 5C Yoke - Mechanical Control Valve	PX-8760	1.12:1 1.26:1 1.50:1 1.80:1 2.04:1 2.50:1	Input Flange GWB 587/15 5C Yoke	85 85	(187) (187)	US\$ 4,268 US\$ 4,268

Important Notes:

Please contact Twin Disc when marine transmission is used on engine with left-hand rotation. A different oil pump installation will be required.

¹⁾ For use with Caterpillar engines having Starter-Over-Gear.

²⁾ SAE 1 = SAE 2 plus housing adaptor for SAE 1 (ZS-7444)

Please contact Twin Disc for pricing of Borg Warner and Ford input housings

Please contact Twin Disc when MG-5050 Series marine transmissions is used with high speed engines.

**REVERSE AND REDUCTION MARINE TRANSMISSIONS
WITH HYDRAULICALLY OPERATED CLUTCHES**

MG-5050 Series ACCESSORIES						
DESCRIPTION	DRAWING NUMBER	WEIGHT kg (Lbs)		LIST PRICE ADDER	FIELD KIT	
					NUMBER	LIST PRICE
Input Housing Adaptor						
Borg Warner Adaptor	PX-9655	---		US\$ 155.00		
Torsional Couplings (all Models)						
Non-Silicon Vulkardan E-3210 Series for 14" Flywheel (SAE J620 size 355)	PX-9323	---		included included		
Non-Silicon Vulkardan E-3210 Series for 11.5" Flywheel (SAE J620 size 290)	PX-9256	---				
Natural Rubber, Dual Stage Centa DS-40-7 for 14" Flywheel (SAE J620 size 355)	PX-10087	---		US\$ 205.00		
Natural Rubber, Dual Stage Centa DS-40-7 for 11.5" Flywheel (SAE J620 size 290)	PX-9982	---		US\$ 76.00		
Dual Stage Torflex 1600 DS for 11.5" Flywheel (SAE J620 size 290)	PX-10643	---				
P.T.O.						
Live pump mount PTO - SAE-J-744 size 101-4, 22-4, max. 197 Nm (ex. SAE B, 4-bolt)						
- for MG-5050 SC & MG-5050 A (for use with mechanical control valve only)	PX-9698-B	1.8	(4)	US\$ 270.00	KS 582 *	US\$ 270.00
- for MG-5050 SC & MG-5050 A (with electric control valve only and after s/n 5GE469)	PX-9698-D	1.8	(4)	US\$ 288.00	KS 688 *	US\$ 288.00
- for MG-5050 V	N/A	---				
Live pump mount PTO - SAE-J-744 size 101-2, 22-4, max. 197 Nm (ex. SAE B, 2-bolt)						
- for MG-5050 SC & MG-5050 A (for use with mechanical control valve only)	PX-9699-B	1.8	(4)	US\$ 230.00	KS 583 *	US\$ 230.00
- for MG-5050 SC & MG-5050 A (with electric control valve only and after s/n 5GE469)	PX-9699-D	1.8	(4)	US\$ 250.00	KS 686 *	US\$ 250.00
- for MG-5050 V	N/A	---				
Live pump mount PTO - SAE-J-744 size 82-2, 16-4, max. 35 Nm (ex. SAE A, 2-bolt)						
- for MG-5050 SC & MG-5050 A (for use with mechanical control valve only)	PX-11369-A	1.8	(4)	US\$ 217.00	KS 602 *	US\$ 217.00
- for MG-5050 SC & MG-5050 A (with electric control valve only)	PX-11369-B	1.8	(4)	US\$ 221.00	KS 690 *	US\$ 273.00
- for MG-5050 V	N/A	---				
No clutchable PTO (pump mount or shaft drive) available						
Control Valve						
Mechanical control valve (20.1 bar/320 p.s.i.)	See Installation Drawing	---		Standard Standard	KS 547 * TBA	US\$ 588.00 TBA
- for MG-5050 SC & MG-5050 A		---				
- for MG-5050 V		---				
Electric control valve (20.1 bar/320 p.s.i. - 24 VDC)						
- for MG-5050 SC & MG-5050 A	PX-10561	---		US\$ 370.00	KS 373 *	US\$ 913.00
- for MG-5050 V	TBA	---		TBA	TBA	TBA
Electric control valve (20.1 bar/320 p.s.i. - 12 VDC)						
- for MG-5050 SC & MG-5050 A	PX-10561	---		US\$ 370.00	KS 372 *	US\$ 913.00
- for MG-5050 V	TBA	---		TBA	TBA	TBA
<i>Please note:</i> Rate-of-Rise is standard on all available mechanical and electric selector valves						
Control Cable Bracket for Mechanical Control Valves						
Control cable support kit incl. cable bracket and connecting parts (loose supply)						
- for MG-5050 SC, MG-5050 A & MG-5050 V	PX-10868	3.0	(7)	US\$ 102.00	KS 551 *	US\$ 102.00
Trolling						
Mechanical trolling valve for mechanical selector valve						
- for MG-5050 SC, MG-5050 A & MG-5050 V	PX-8871	2.5	(6)	US\$ 194.00	KS 313 *	US\$ 310.00
Mechanical trolling valve for electric selector valve						
- for MG-5050 SC & MG-5050 A	PX-8871-E	2.5	(6)	US\$ 194.00	KS 390 *	US\$ 310.00
- for MG-5050 V	TBA	---		TBA	TBA	TBA
Electric trolling valve for electric selector valve (24 VDC) - oil filter MUST be used						
- for MG-5050 SC, MG-5050 A & MG-5050 V	1020077D	2.4	(5)	US\$ 610.00	KS 592 *	US\$ 610.00
Oil Filter						
Unit mounted oil filter to be used with electric trolling or with high oil filtration requirements	PX-11653	2.8	(6)	US\$ 320.00		
Companion Flange (all Models)						
Companion Flange including bolts and nuts size SAE 3 (1¼" plain bore)						
- for MG-5050 SC, MG-5050 A & MG-5050 V	PX-8775-A	7.3	(16)	US\$ 222.00		
Monitoring (all Models)						
Pressure gauge (loose)	B-1703-D	0.5	(1)	US\$ 64.00	KS 665 *	US\$ 106
Temperature gauge and switch (loose)	B-3424	0.5	(1)	US\$ 119.00		
Security Neutral Switch (normally closed)	PX-12082			US\$ 40.00		
Heat Exchanger (all Models)						
Heat Exchanger for fresh water cooling ((jacket or keel)						
- for MG-5050 SC, MG-5050 A & MG-5050 V (incl. Mounting bracket, fittings and hoses)	M-1959-E	4.0	(9)	US\$ 255.00	K85 *	US\$ 316.20
Heat Exchanger for raw water cooling						
- for MG-5050 SC, MG-5050 A & MG-5050 V (incl. Mounting bracket, fittings and hoses)	M-1959-P	3.2	(7)	US\$ 210.00	K86 *	US\$ 316.20
Heat exchanger with thermostatic bypass valve						
- loose supply, no hoses, fittings nor mounting bracket	PM-10685A	TBA		US\$ 564.00	KS 629 *	US\$ 564.00
- mounted on unit, hoses, fittings and mounting bracket included	PM-10685A	TBA		US\$ 874.00	KS 594 *	US\$ 874.00
Mounting Brackets						
- for MG-5050 SC, MG-5050 A & MG-5050 V (steel fabricated)	1016428-L	14.5	(32)	US\$ 260.00		
Service Manuals						
- for MG-5050 SC	1015987	---		US\$ 60.00		
- for MG-5050 A	1015808	---		US\$ 60.00		
- for MG-5050 V	TBA	---		TBA		

Important Notes:

* Please refer to Genuine Twin Disc Parts Price Book or contact Twin Disc for field installation kit (KS-kit and K-kit) prices.
F.O.B. RACINE, WISCONSIN

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

**REVERSE AND REDUCTION MARINE TRANSMISSIONS
WITH HYDRAULICALLY OPERATED CLUTCHES**

MG-506 Series MARINE TRANSMISSIONS						
MODEL AND STANDARD EQUIPMENT	DRAWING NUMBER	RATIO	SAE HSG	WEIGHT kg (Lbs)		LIST PRICE
MG-506-1 Coaxial Marine Transmission with Following Standard Equipment: - SAE J617 Housing No. 1, No. 2, No. 3 OR Special CAT SAE No. 3 - Rubber Block Drive for 14" OR 11.5" Flywheel (SAE J620 size 355 OR 290): - Mechanical Control Valve - Output Flange Size SAE 3	XA-7022 A	1.09:1	SAE 1**	129	(284)	on request
		1.50:1	SAE 2	122	(269)	US\$ 5,955
		1.97:1	SAE 3	116	(256)	US\$ 5,955
			SAE 3 CAT*	116	(256)	US\$ 5,955
	XA-7048 A	2.50:1	SAE 1**	134	(295)	on request
		2.96:1	SAE 2	120	(264)	US\$ 6,170
			SAE 3	117	(258)	US\$ 6,170
			SAE 3 CAT*	117	(258)	US\$ 6,170

Important Notes:

* SAE 3 Special CAT housing for use with Caterpillar engines having "starter over gear" (3116's, 3126's, 3208's)

** SAE 1 = SAE 2 + SAE 1 adapter (P-4205)

MG-506 series transmissions cannot be used on engines with left-hand rotation.

**REVERSE AND REDUCTION MARINE TRANSMISSIONS
WITH HYDRAULICALLY OPERATED CLUTCHES**

MG-506 Series ACCESSORIES					
DESCRIPTION	DRAWING NUMBER	WEIGHT kg (Lbs)	LIST PRICE ADDER	FIELD KIT	
				NUMBER	LIST PRICE
Torsional Couplings (MG-506-1 & MG-506 A)					
Natural Rubber, Dual Stage Centa DS-40 for 14" Flywheel & SAE 1 hsg. (SAE J620 size 355)	PX-10625	---	on request	KS 371 *	
Natural Rubber, Dual Stage Centa DS-40 for 11.5" Flywheel & SAE 2 hsg. (SAE J620 size 355)	PX-10478	---	US\$ 785.00	KS 343 *	
Natural Rubber, Dual Stage Centa DS-40 for 11.5" Flywheel & SAE 3 hsg. (SAE J620 size 290)	PX-10503	---	US\$ 785.00	KS 347 *	
P.T.O.					
No PTO (live or clutchable, pump mount or shaft drive) available	N/A	N/A	N/A	N/A	N/A
Control Valve					
Mechanical control valve (24.8 bar/360 p.s.i.) - for MG-506-1 (non rate-of-rise) - for MG-506-1 (rate-of-rise) (360 PSI) - for MG-506-1 (rate-of-rise) (320 PSI)	XB-5599-A PX-9504 PX-9504	--- --- ---	Standard US\$ 392.00 US\$ 392.00	TBA KS 358 * KS 329 *	TBA US\$ 860.00 US\$ 846.00
<u>Please note:</u> Rate-of-Rise is not standard with mechanical selector valves No electric valve available for MG-506-1					
Trolling					
Mechanical trolling valve for mechanical selector valve (only available for rate-of-rise valve PX-9504) - for MG-506-1 (rate-of-rise) - for MG-506-1 (with rate-of-rise + trolling) (360 PSI) - for MG-506-1 (with rate-of-rise + trolling) (320 PSI)	PX-9525 PX-9525 PX-9525	--- --- ---	US\$ 716.00	TBA KS 348 * KS 317 *	US\$1,152.00 US\$1,155.00
Oil Filter					
No oil filter available	N/A	---	N/A	N/A	N/A
Companion Flange (all Models)					
Companion Flange including bolts and nuts - for MG-506-1 (1-1/4" plain bore)	XA-5225AA	7.3 (16)	US\$ 222.00		
Monitoring (all Models)					
Pressure gauge (loose)	B-1703-D	0.5 (1)	US\$ 64.00		
Temperature gauge and switch (loose)	B-3424	0.5 (1)	US\$ 119.00		
Heat Exchanger					
Heat Exchanger for fresh water cooling ((jacket or keel) - for MG-506-1 (loose supply, incl. fittings, hoses and mounting bracket)	M-1959-E	4.0 (9)	US\$ 255.00	K 85 *	US\$ 316.20
Heat Exchanger for raw water cooling: - for MG-506-1 (loose supply, incl. fittings, hoses and mounting bracket)	M-1959-P	4.0 (9)	US\$ 210.00	K 86 *	US\$ 316.20
Mounting Brackets					
- for MG-506-1 (steel fabricated, 2 brackets needed)	B 3000	2.7 (6)	US\$ 130.00		
Service Manuals					
- for MG-506-1	1015715	---	US\$ 60.00		

Important Notes:

* Please refer to Genuine Twin Disc Parts Price Book or contact Twin Disc for field installation kit (KS-kit and K-kit) prices.

**REVERSE AND REDUCTION MARINE TRANSMISSIONS
WITH HYDRAULICALLY OPERATED CLUTCHES**

MG-5060 Series MARINE TRANSMISSIONS						
MODEL AND STANDARD EQUIPMENT	DRAWING NUMBER	RATIO	SAE HSG	WEIGHT kg (Lbs)		LIST PRICE
MG-5061 SC Vertical Offset Marine Transmission with Following Standard Equipment: - SAE J617 Housing No. 1, No. 2, No. 3 OR Special CAT SAE No. 3 - Flexible Coupling for 14" OR 11.5" Flywheel (SAE J620 size 355 OR 290): • Non-Silicon Vulkardan E-3210 Series - Mechanical Control Valve - Output Flange Size SAE 3	PX-11650 PX-11650A ¹	1.15:1 1.48:1 1.77:1 2.00:1 2.43:1	SAE 1 ³⁾ SAE 2 SAE 3 SAE 3 CAT	106 101 99 99	(233) (222) (218) (218)	US\$ 5,136 US\$ 4,796 US\$ 4,796 US\$ 4,902
MG-5061 SC Vertical Offset Marine Transmission with Following Standard Equipment: - SAE J617 Housing No. 1, No. 2, No. 3 OR Special CAT SAE No. 3 - Flexible Coupling for 14" OR 11.5" Flywheel (SAE J620 size 355 OR 290): • Non-Silicon Vulkardan E-3210 Series - Mechanical Control Valve - Output Flange Size SAE 3 - Companion Flange Size SAE 3 ²⁾	PX-11650 PX-11650A ¹	3.00:1	SAE 1 ³⁾ SAE 2 SAE 3 SAE 3 CAT	106 101 99 99	(233) (222) (218) (218)	US\$ 5,382 US\$ 5,042 US\$ 5,042 US\$ 5,148
MG-5061 A 7° Down Angle, Marine Transmission with Following Standard Equipment: - SAE J617 Housing No. 1, No. 2, No. 3 OR Special CAT SAE No. 3 - Flexible Coupling for 14" OR 11.5" Flywheel (SAE J620 size 355 OR 290): • Non-Silicon Vulkardan E-3210 Series - Mechanical Control Valve - Output Flange Size SAE 3	PX-11640 PX-11640A ¹	1.13:1 1.28:1 1.54:1 1.75:1 2.00:1 2.47:1	SAE 1 ³⁾ SAE 2 SAE 3 SAE 3 CAT	106 101 99 99	(233) (222) (218) (218)	US\$ 5,136 US\$ 4,796 US\$ 4,796 US\$ 4,902
MG-5061 V Remote V-Drive, 7° Down Angle, Marine Transmission with Following Standard Equipment: - Input Flange Size GWB 587.15 OR 5C Yoke - Mechanical Control Valve	PX-8735	1.13:1 1.28:1 1.54:1 1.75:1 2.00:1 2.47:1	Input Flange GWB 587/15 5C Yoke	89 89	(196) (196)	US\$ 5,355 US\$ 5,355
MG-5062 V Integral V-Drive, 15° Down Angle, Marine Transmission with Following Standard Equipment: - SAE J617 Housing No. 1, No. 2, No. 3 OR Special CAT SAE No. 3 - Flexible Coupling for 14" OR 11.5" Flywheel (SAE J620 size 355 OR 290): • Non-Silicon Vulkardan E-3210 Series - Mechanical Control Valve - Output Flange Size SAE 3	PX-11660 PX-11660A ¹	1.19:1 1.53:1 1.83:1 2.07:1 2.51:1	SAE 1 ³⁾ SAE 2 SAE 3 SAE 3 CAT	149 144 142 142	(328) (317) (313) (313)	US\$ 6,833 US\$ 6,493 US\$ 6,493 US\$ 6,599

Important Notes:

Please contact Twin Disc when marine transmission is used on engine with left-hand rotation. A different oil pump installation will be required.

¹⁾ For use with Caterpillar engines having Starter-Over-Gear.

²⁾ Companion flange is supplied as standard and is included in the price for MG-5061 SC ratio 3.00:1. High torque rating at output shaft requires a special output flange/ companion flange assembly.

³⁾ SAE 1 = SAE 2 plus housing adaptor for SAE 1 (ZS-7444)

Please contact Twin Disc for pricing of Borg Warner and Ford input housings

Please contact Twin Disc when MG-5060 Series marine transmissions is used with high speed engines.

**REVERSE AND REDUCTION MARINE TRANSMISSIONS
WITH HYDRAULICALLY OPERATED CLUTCHES**

MG-5060 Series ACCESSORIES						
DESCRIPTION	DRAWING NUMBER	WEIGHT		LIST PRICE ADDER	FIELD KIT	
		kg	(Lbs)		NUMBER	LIST PRICE
Torsional Couplings (all Models)						
Non-Silicon Vulkardan E-3210 Series for 14" Flywheel (SAE J620 size 355)	PX-9323	---		included		
Non-Silicon Vulkardan E-3210 Series for 11.5" Flywheel (SAE J620 size 290)	PX-9256	---		included		
Natural Rubber, Dual Stage Centa DS-40-7 for 14" Flywheel (SAE J620 size 355)	PX-10087	---		US\$ 205.00	KS 318 *	
Natural Rubber, Dual Stage Centa DS-40-7 for 11.5" Flywheel (SAE J620 size 290)	PX-9982	---		US\$ 76.00	KS 307 *	
P.T.O.						
Live pump mount PTO - SAE-J-744 size 101-4, 22-4, max. 197 Nm (ex. SAE B, 4-bolt)						
- for MG-5061 SC, MG-5061 A & MG-5062 V (for use with mechanical control valve)	PX-9698-B	1.8	(4)	US\$ 270.00	KS 582 *	US\$ 270.00
- for MG-5061 SC, MG-5061 A & MG-5062 V (with electric control valve and s/n after 5GE469)	PX-9698-D	1.8	(4)	US\$ 288.00	KS 688 *	US\$ 288.00
- for MG-5061 V	N/A	---				
Live pump mount PTO - SAE-J-744 size 101-2, 22-4, max. 197 Nm (ex. SAE B, 2-bolt)						
- for MG-5061 SC, MG-5061 A & MG-5062 V (for use with mechanical control valve)	PX-9699-B	1.8	(4)	US\$ 230.00	KS 583 *	US\$ 230.00
- for MG-5061 SC, MG-5061 A & MG-5062 V (with electric control valve and s/n after 5GE469)	PX-9699-D	1.8	(4)	US\$ 250.00	KS 686 *	US\$ 250.00
- for MG-5061 V	N/A	---				
Live pump mount PTO - SAE-J-744 size 82-2, 16-4, max. 35 Nm (ex. SAE A, 2-bolt)						
- for MG-5061 SC, MG-5061 A & MG-5062 V (for use with mechanical control valve)	PX-11369-A	1.8	(4)	US\$ 217.00	KS 602 *	US\$ 217.00
- for MG-5061 SC, MG-5061 A & MG-5062 V (with electric control valve)	PX-11369-B	1.8	(4)	US\$ 221.00	KS 690 *	US\$ 273.00
- for MG-5061 V	N/A	---				
No clutchable PTO (pump mount or shaft drive) available						
Control Valve						
Mechanical control valve (20.1 bar/320 p.s.i.)	See Installation Drawing	---		Standard	KS 622 *	US\$ 494.00
- for MG-5061 SC & MG-5061 A		---		Standard	KS 663 *	US\$ 451.00
- for MG-5061 V & MG-5062 V						
Electric control valve (20.1 bar/320 p.s.i. - 24 VDC)						
- for MG-5061 SC & MG-5061 A	PX-10560	---		US\$ 294.00	KS 621 *	US\$ 794.00
- for MG-5061 V	TBA	---		US\$ 294.00	TBA	TBA
- for MG-5062 V	PX-10560-A	---		US\$ 294.00	KS 627 *	US\$ 799.00
Electric control valve (20.1 bar/320 p.s.i. - 12 VDC)						
- for MG-5061 SC & MG-5061 A	PX-10560	---		US\$ 294.00	KS 625 *	US\$ 794.00
- for MG-5061 V	TBA	---		US\$ 294.00	TBA	TBA
- for MG-5062 V	PX-10560-A	---		US\$ 294.00	KS 626 *	US\$ 799.00
<i>Please note: Rate-of-Rise is standard on all available mechanical and electric selector valves</i>						
Control Cable Bracket for Mechanical Control Valves						
Control cable support kit incl. cable bracket and connecting parts (loose supply)						
- for MG-5061 SC, MG-5061 A, MG-5061 V & MG-5062 V	PX-10868	3.0	(7)	US\$ 102.00	KS 551 *	US\$ 102.00
Trolling						
Mechanical trolling valve for mechanical selector valve						
- for MG-5061 SC, MG-5061 A, MG-5061 V & MG-5062 V (KS619 on mech. or electric after s/n 5HM09)	PX-8871-F	2.5	(6)	US\$ 194.00	KS 619 *	US\$ 371.00
Mechanical trolling valve for electric selector valve						
- for MG-5061 SC, MG-5061 A, MG-5061 V & MG-5062 V	PX-8871-F	2.5	(6)	US\$ 194.00	KS 619 *	US\$ 371.00
Electric trolling valve for electric selector valve (24 VDC) - oil filter MUST be used						
- for MG-5061 SC, MG-5061 A & MG-5062 V	1020077	2.4	(5)	US\$ 541.00	KS 721 *	US\$ 643.00
Oil Filter						
Unit mounted oil filter to be used with electric trolling or with high oil filtration requirements	PX-11653	2.8	(6)	US\$ 320.00		
Unit mounted oil filter to be used without heat exchanger	PX-11653	2.8	(6)	US\$ 320.00	KS 719 *	US\$ 342.00
Companion Flange (all Models)						
Companion Flange including bolts and nuts size SAE 3						
- for MG-5061 SC (ratio 2.43:1 and less), MG-5061 A & MG-5061 V (1¼" plain bore)	PX-8775-A	7.3	(16)	US\$ 222.00		
- for MG-5062 V (1¼" plain bore)	XA-5225AA	7.3	(16)	US\$ 222.00		
- for MG-5061 SC (ratio 3.00:1)	PX-8649-A	7.3	(16)	included		
Monitoring (all Models)						
Pressure gauge (loose)	B-1703-D	0.5	(1)	US\$ 64.00		
Temperature gauge and switch (loose)	B-3424	0.5	(1)	US\$ 119.00		
Security Neutral Switch (normally closed)	PX-12082			US\$ 40.00	KS 665 *	US\$ 106.00
Heat Exchanger (all Models)						
Heat Exchanger for fresh water cooling (jacket or keel, limited to 300 hp)						
- for MG-5061 SC, MG-5061 A, MG-5061 V & MG-5062 V (loose supply, no fittings, no hoses)	M-1961-H	6.8	(15)	US\$ 504.90	TBA	TBA
Heat Exchanger for raw water cooling:						
- for MG-5061 SC, MG-5061 A, MG-5061 V & MG-5062 V (loose supply, no fittings, no hoses)	M-1961-H	6.8	(15)	US\$ 504.90	TBA	TBA
- for MG-5061 SC, MG-5061 A, MG-5061 V & MG-5062 V (mounted, incl. fittings and hoses)	M-1961-H	7.5	(17)	US\$ 928.20	TBA	TBA
Heat exchanger with thermostatic bypass valve						
- loose supply, no hoses, fittings nor mounting bracket	PM-10685A	TBA		US\$ 564.00	KS 629 *	US\$ 564.00
- mounted on unit, hoses, fittings and mounting bracket included	PM-10685A	TBA		US\$ 874.00	KS 594 *	US\$ 874.00
Mounting Brackets						
- for MG-5061 SC, MG-5061 A & MG-5061 V (steel fabricated) - Alternative 1	1016428-R	11.0	(24)	US\$ 270.00		
- for MG-5061 SC, MG-5061 A & MG-5061 V (steel fabricated) - Alternative 2	1016428-M	20.0	(44)	US\$ 335.00		
- for MG-5062 V (steel fabricated)	1016428-G	14.0	(31)	US\$ 600.00		
Service Manuals						
- for MG-5061 SC	1015988	---		US\$ 60.00		
- for MG-5061 A	1015989	---		US\$ 60.00		
- for MG-5061 V	TBA	---		TBA		
- for MG-5062 V	1015711			US\$ 60.00		

Important Notes:

* Please refer to Genuine Twin Disc Parts Price Book or contact Twin Disc for field installation kit (KS-kit and K-kit) prices.

**REVERSE AND REDUCTION MARINE TRANSMISSIONS
WITH HYDRAULICALLY OPERATED CLUTCHES**

MG-5065 Series MARINE TRANSMISSIONS					
MODEL AND STANDARD EQUIPMENT	DRAWING NUMBER	RATIO	SAE HSG	WEIGHT kg (Lbs)	LIST PRICE
MG-5065 SC Vertical Offset, Aluminum Housing with Following Standard Equipment: - SAE J617 Housing No. 1, No. 2, No. 3 OR Special CAT SAE No. 3 - Flexible Coupling for 14" OR 11.5" Flywheel (SAE J620 size 355 OR 290): • Non-Silicon Vulkardan E-3412 or E-3415 Series - Mechanical Control Valve - Output Flange Size SAE 4	PX-11480 PX-11480*	1.08:1 1.26:1 1.47:1 1.72:1 2.04:1 2.43:1	SAE 1 SAE 2 SAE 3 SAE 3 CAT	111 (244)	US\$ 5,800
MG-5065 A 7° Down Angle, Aluminum Housing with Following Standard Equipment: - SAE J617 Housing No. 1, No. 2, No. 3 OR Special CAT SAE No. 3 - Flexible Coupling for 14" OR 11.5" Flywheel (SAE J620 size 355 OR 290): • Non-Silicon Vulkardan E-3412 or E-3415 Series - Mechanical Control Valve - Output Flange Size SAE 4	PX-11165 PX-11165*	1.08:1 1.26:1 1.47:1 1.72:1 2.04:1 2.43:1	SAE 1 SAE 2 SAE 3 SAE 3 CAT	111 (244)	US\$ 5,800

Important Notes:

Please contact Twin Disc when marine transmission is used on engine with left-hand rotation. A different oil pump installation will be required.

* For use with Caterpillar engines having Starter-Over-Gear.

**REVERSE AND REDUCTION MARINE TRANSMISSIONS
WITH HYDRAULICALLY OPERATED CLUTCHES**

MG-5065 Series ACCESSORIES						
DESCRIPTION	DRAWING NUMBER	WEIGHT		LIST PRICE ADDER	FIELD KIT	
		kg	(Lbs)		NUMBER	LIST PRICE
Torsional Couplings (all Models)						
Non-Silicon Vulkardan E-3412 or E-3415 for 14" Flywheel (SAE J620 size 355)	P-10994	---		included		
Non-Silicon Vulkardan E-3412 or E-3415 for 11.5" Flywheel (SAE J620 size 290)	P-10956	---		included		
Natural Rubber Centa DS-45-7 for 14" Flywheel (SAE J620 size 355)	PX-10995	---		US\$ 408.00		
Natural Rubber Centa DS-45-7 for 11.5" Flywheel (SAE J620 size 290)	PX-10993	---		US\$ 109.00		
Centa CF-R-136 for 11½" Flywheel (SAE J620 size 290)	PX-12073	---		US\$ 295.00		
Centa CF-R-136 for 14" Flywheel (SAE J620 size 355)	PX-12074	---				
P.T.O.						
Live pump mount PTO - SAE-J-744 size 101-4, 22-4, max. 197 Nm (ex. SAE B, 2 and 4-bolt) - for MG-5065 SC & MG-5065 A (without heat exchanger possibility)	See Installation Drawing	1.8	(4)	US\$ 178.00	KS 745 *	US\$ 178.00
Live pump mount PTO - SAE-J-744 size 101-4, 22-4, max. 197 Nm (ex. SAE B,2 and 4-bolt) - for MG-5065 SC & MG-5065 A (with heat exchanger possibility) (includes bracket)				US\$ 351.00	KS 746 *	US\$ 351.00
No clutchable PTO (pump mount or shaft drive) available						
Control Valve						
Mechanical control valve (22.8 bar/330 p.s.i.) - for MG-5065 SC & MG-5065 A	See Installation Drawing	---		Standard	KS 571 *	US\$ 673.00
Electric control valve (22.8 bar/330 p.s.i. - 24 VDC) - for MG-5065 SC & MG-5065 A				PX-10566	---	US\$ 288.00
Electric control valve (22.8 bar/330 p.s.i. - 12 VDC) - for MG-5065 SC & MG-5065 A	PX-10566	---		US\$ 288.00	KS 405 *	US\$1,077.00
<i>Please note:</i> Rate-of-Rise is standard on all available mechanical and electric selector valves						
Trolling						
Mechanical trolling valve for mechanical selector valve - for MG-5065 SC & MG-5065 A	PX-8871-A	2.5	(6)	US\$ 204.00	KS 340 *	US\$ 332.00
Mechanical trolling valve for electric selector valve - for MG-5065 SC & MG-5065 A	PX-8871-D	2.5	(6)	US\$ 204.00	KS 386 *	US\$ 339.00
Electric trolling valve for electric selector valve (24 VDC) - oil filter MUST be used - for MG-5065 SC & MG-5065 A	1020077B	2.4	(5)	US\$ 610.00	KS 607 *	US\$ 610.00
Oil Filter						
Unit mounted oil filter to be used with electric trolling or with high oil filtration requirements	PX-11653	2.8	(6)	US\$ 320.00	KS 564 *	US\$ 392.00
Cable Bracket						
Cable bracket kit including the cable connections	PX-10868	3.0	(7)	US\$ 102.00	KS 551 *	US\$ 102.00
Companion Flange (all Models)						
Companion Flange including bolts and nuts (1¼" plain bore) - for output flange size SAE 4	PX-9153	13.6	(30)	US\$ 231.00		
Monitoring (all Models)						
Pressure gauge (loose)	B-1703-D	0.5	(1)	US\$ 64.00		
Temperature gauge and switch (loose)	B-3424	0.5	(1)	US\$ 119.00		
Heat Exchanger (all Models)						
Heat exchanger with thermostatic bypass valve - loose supply, no hoses, fittings nor mounting bracket	PM-10685A	---		US\$ 564.00	KS 629 *	US\$ 564.00
- mounted on unit, hoses, fittings and mounting bracket (bracket included with PTO) (use with PTO)	PM-10685A	---		US\$ 702.00		
- mounted on unit, hoses, fittings and mounting bracket included (use without PTO)	PM-10685A	---		US\$ 874.00	KS 759 *	US\$ 874.00
Mounting Brackets						
- for MG-5065 SC & MG-5065 A (steel fabricated)	1016428-F	12.7	(28)	US\$ 295.00		
Service Manuals						
- for MG-5065 SC		---		US\$ 60.00		
- for MG-5065 A		---		US\$ 60.00		

Important Notes:

* Please refer to Genuine Twin Disc Parts Price Book (last printed Oct. 1, 2001) or contact Twin Disc for field installation kit (KS-kit and K-kit) prices.

**REVERSE AND REDUCTION MARINE TRANSMISSIONS
WITH HYDRAULICALLY OPERATED CLUTCHES**

MG-507-1 Series MARINE TRANSMISSIONS								
MODEL AND STANDARD EQUIPMENT	DRAWING NUMBER	RATIO	SAE HSG	WEIGHT kg (Lbs)		LIST PRICE		
MG-507-1 - Step-up Ratios Coaxial Marine Transmission with Following Standard Equipment: - SAE J617 Housing No. 1, No. 2, No. 3 OR Special CAT SAE No. 3 - Flexible Coupling for 14" OR 11.5" Flywheel (SAE J620 size 355 OR 290): • Non-Silicon Vulkardan E-4010 Series - Mechanical Control Valve - Output Flange Size SAE 3	PX-8888	0.92:1 0.81:1	SAE 1	163	(359)	US\$	8,418	
			SAE 2	161	(355)	US\$	8,084	
			SAE 3	159	(350)	US\$	8,024	
			SAE 3 CAT	159	(350)	US\$	8,262	
	PX-8888	0.75:1	SAE 1	163	(359)	US\$	8,490	
			SAE 2	161	(355)	US\$	8,156	
			SAE 3	159	(350)	US\$	8,096	
			SAE 3 CAT	159	(350)	US\$	8,334	
MG-507-1 Coaxial Marine Transmission with Following Standard Equipment: - SAE J617 Housing No. 1, No. 2, No. 3 OR Special CAT SAE No. 3 - Flexible Coupling for 14" OR 11.5" Flywheel (SAE J620 size 355 OR 290): • Non-Silicon Vulkardan E-4010 Series - Mechanical Control Valve - Output Flange Size SAE 3 (SAE 4 for ratios 2.54:1 and 2.99:1)	PX-7470 PX-7470-G PX-7470-H*	1.10:1 1.25:1 1.51:1 1.77:1 1.98:1	SAE 1	163	(359)	US\$	7,385	
			SAE 2	161	(355)	US\$	7,051	
			SAE 3	159	(350)	US\$	6,991	
			SAE 3 CAT	159	(350)	US\$	7,229	
	PX-7470 PX-7470-G PX-7470-H*	2.54:1 2.99:1	SAE 1	163	(359)	US\$	7,555	
			SAE 2	161	(355)	US\$	7,221	
			SAE 3	159	(350)	US\$	7,161	
			SAE 3 CAT	159	(350)	US\$	7,399	
	MG-507A-1 7° Down Angle Marine Transmission with Following Standard Equipment: - SAE J617 Housing No. 1, No. 2, No. 3 OR Special CAT SAE No. 3 - Flexible Coupling for 14" OR 11.5" Flywheel (SAE J620 size 355 OR 290): • Non-Silicon Vulkardan E-4010 Series - Mechanical Control Valve - Output Flange Size SAE 3 (SAE 4 for ratios 2.54:1 and 2.99:1)	PX-8170 PX-8170-F PX-7470-H*	1.10:1 1.25:1 1.51:1 1.77:1 1.98:1	SAE 1	163	(359)	US\$	7,890
				SAE 2	161	(355)	US\$	7,556
				SAE 3	159	(350)	US\$	7,496
				SAE 3 CAT	159	(350)	US\$	7,734
PX-8170 PX-8170-F PX-7470-H*		2.54:1 2.99:1	SAE 1	163	(359)	US\$	8,060	
			SAE 2	161	(355)	US\$	7,726	
			SAE 3	159	(350)	US\$	7,666	
			SAE 3 CAT	159	(350)	US\$	7,904	

Important Notes:

* SAE 3 Special CAT housing for use with Caterpillar engines having "starter over gear" (3116's, 3126's, 3208's)

MG-507-1 and MG-507A-1 cannot be used on engines with left-hand rotation.

**REVERSE AND REDUCTION MARINE TRANSMISSIONS
WITH HYDRAULICALLY OPERATED CLUTCHES**

MG-507-1 Series ACCESSORIES					
DESCRIPTION	DRAWING NUMBER	WEIGHT kg (Lbs)	LIST PRICE ADDER	FIELD KIT	
				NUMBER	LIST PRICE
Torsional Couplings (all Models)					
Non-Silicon Vulkardan E-4010 Series for 14" Flywheel (SAE J620 size 355)	P-9476	---	included		
Non-Silicon Vulkardan E-4010 Series for 11.5" Flywheel (SAE J620 size 290)	P-9472	---	included		
Natural Rubber, Dual Stage Centa DS-40 for 14" Flywheel (SAE J620 size 355)	PX-10513	---	on request		
Natural Rubber, Dual Stage Centa DS-40 for 11.5" Flywheel (SAE J620 size 290)	PX-10229	---	US\$ 183.00	KS 311 *	
P.T.O.					
No PTO (live or clutchable, pump mount or shaft drive) available	N/A	N/A	N/A	N/A	N/A
Control Valve					
Mechanical control valve (22.1 bar/320 p.s.i.)					
- for MG-507-1 & MG-507A-1 (non rate-of-rise)	PX-4646	---	Standard	TBA	TBA
- for MG-507-1 & MG-507A-1 (rate-of-rise)	PX-9504	---	US\$ 421.00	KS 315 *	US\$ 815.00
Electric control valve (22.1 bar/320 p.s.i. - 24 VDC)					
- for MG-507-1 & MG-507A-1 (rate-of-rise) (without possibility of trolling valve)	PX-10125	---	US\$ 467.00	KS 304 *	US\$ 771.00
Electric control valve (22.2 bar/320 p.s.i.) - 12 VDC)					
- for MG-507-1 & MG-507A-1 (rate-of-rise) (without possibility of trolling valve)	PX-10125	---	US\$ 467.00	KS 305 *	US\$ 771.00
<i>Please note:</i> Rate-of-Rise is not standard with mechanical selector valves					
Trolling					
Mechanical trolling valve for mechanical selector valve (only available for rate-of-rise valve PX-9504)					
- for MG-507-1 & MG-507A-1 (rate-of-rise) (PX-9525 is P.R.O.R valve and troll) (KS-339 is trolling valve only)	PX-9525	---	US\$ 716.00	KS 339 *	US\$ 393.00
Mechanical trolling valve for electric selector valve for units without P.R.O.R. valve					
- for MG-507-1 & MG-507A-1 (rate-of-rise) (12V) (KS kit is electric valve and mechanical trolling valve)	PX-10025	---	US\$ 799.00	KS 540 *	US\$1,452.00
- for MG-507-1 & MG-507A-1 (rate-of-rise) (24V) (KS kit is electric valve and mechanical trolling valve)	PX-10025	---	US\$ 799.00	KS 529 *	US\$1,450.00
Electric trolling valve for electric selector valve (24 VDC) - oil filter MUST be used					
- for MG-507-1 & MG-507A-1	N/A	---	N/A	N/A	N/A
Oil Filter					
No oil filter available	N/A	---	N/A	N/A	N/A
Output Flange					
Output flange for MG-507-1 & MG-507A-1					
- output flange size SAE 3 (for step-up ratios and 1.10:1, 1.25:1, 1.51:1, 1.77:1 and 1.98:1)	See Installation Drawing	---	Standard		
- output flange size SAE 4 (for ratios 1.10:1, 1.25:1, 1.51:1, 1.77:1 and 1.98:1)		---	no extra cost		
- output flange size SAE 4 (for ratios 2.54:1 and 2.99:1)		---	Standard		
Companion Flange (all Models)					
Companion Flange including bolts and nuts					
- for output flange size SAE 3 (1¼" plain bore)	XA-5225AA	7.3 (16)	US\$ 222.00		
- for output flange size SAE 4 (1½" plain bore)	XA-5224AD	10.9 (24)	US\$ 368.00		
Monitoring (all Models)					
Pressure gauge (loose)	B-1703-D	0.5 (1)	US\$ 64.00		
Temperature gauge and switch (loose)	B-3424	0.5 (1)	US\$ 119.00		
Heat Exchanger (all Models)					
Heat Exchanger for fresh water cooling ((jacket or keel, limited to 300 hp)					
- for MG-507-1 & MG-507A-1 (loose supply, no fittings, no hoses)	M-1959-F	7.0 (15)	US\$ 540.60	TBA	TBA
Heat Exchanger for raw water cooling:					
- for MG-507-1 & MG-507A-1 (loose supply, no fittings, no hoses)	M-1959-H	6.8 (15)	US\$ 688.50	TBA	TBA
Heat Exchanger with thermostatic by-pass valve					
- for MG-507-1 & MG-507A-1 (loose supply, no fittings, no hoses no mounting bracket)	PM-10685A		US\$ 564.00	KS 629	US\$ 564.00
Mounting Brackets					
- for MG-507-1 & MG-507A-1 (steel fabricated)	1016428-K	7.2 (16)	US\$ 265.00		
Service Manuals					
- for MG-507-1	1015836	---	US\$ 60.00		
- for MG-507A-1	1015835	---	US\$ 60.00		

Important Notes:

* Please refer to Genuine Twin Disc Parts Price Book or contact Twin Disc for field installation kit (KS-kit and K-kit) prices.

**REVERSE AND REDUCTION MARINE TRANSMISSIONS
WITH HYDRAULICALLY OPERATED CLUTCHES**

MG-5075 Series MARINE TRANSMISSIONS					
MODEL AND STANDARD EQUIPMENT	DRAWING NUMBER	RATIO	SAE HSG	WEIGHT kg (Lbs)	LIST PRICE
MG-5075 SC Step-up Ratios Nearly Coaxial, Aluminum Housing with Following Standard Equipment: - SAE J617 Housing No. 1, No. 2, No. 3 OR Special CAT SAE No. 3 - Flexible Coupling for 14" OR 11.5" Flywheel (SAE J620 size 355 OR 290): • Dual Stage Torflex 1600 DS - Mechanical Control Valve - Output Flange Size GWB 587.42, SAE 4 OR SAE 3	PX-11876	0.80 1.01 1.16	SAE 1 SAE 2 SAE 3 SAE 3 CAT	123 (271)	US\$ 7,002
MG-5075 SC Nearly Coaxial, Aluminum Housing with Following Standard Equipment: - SAE J617 Housing No. 1, No. 2, No. 3 OR Special CAT SAE No. 3 - Flexible Coupling for 14" OR 11.5" Flywheel (SAE J620 size 355 OR 290): • Dual Stage Torflex 1600 DS - Mechanical Control Valve - Output Flange Size GWB 587.42, SAE 4 OR SAE 3	PX-10680 PX-10680-A* PX-10680-B PX-10680-C	1.06:1 1.33:1 1.53:1 1.77:1 2.05:1 2.53:1 2.88:1	SAE 1 SAE 2 SAE 3 SAE 3 CAT	123 (271)	US\$ 6,365
MG-5075 A 7° Down Angle, Aluminum Housing with Following Standard Equipment: - SAE J617 Housing No. 1, No. 2, No. 3 OR Special CAT SAE No. 3 - Flexible Coupling for 14" OR 11.5" Flywheel (SAE J620 size 355 OR 290): • Dual Stage Torflex 1600 DS - Mechanical Control Valve - Output Flange Size GWB 587.42, SAE 4 OR SAE 3	PX-10700 PX-10700-A* PX-10700-B PX-10700-C	1.06:1 1.33:1 1.53:1 1.77:1 2.05:1 2.53:1 2.88:1	SAE 1 SAE 2 SAE 3 SAE 3 CAT	122 (269)	US\$ 6,365
MG-5075 IV 7° Down Angle, Aluminum Housing with Following Standard Equipment: - SAE J617 Housing No. 1, No. 2, No. 3 OR Special CAT SAE No. 3 - Flexible Coupling for 14" OR 11.5" Flywheel (SAE J620 size 355 OR 290): • Dual Stage Torflex 1600 DS - Mechanical Control Valve - Output Flange Size GWB 587.42 OR SAE 4	PX-11530 PX-11530-A* PX-11530-B	1.30:1 1.49:1 1.72:1 1.99:1 2.46:1	SAE 1 SAE 2 SAE 3 SAE 3 CAT	150 (330)	US\$ 8,275

Important Notes:

MG-5075 series cannot be used on engines with left-hand rotation.

The output flange size SAE 3 can only be used for a max. engine rating of 373 kW (500 hp) @ 2300 rpm

* For use with Caterpillar engines having Starter-Over-Gear.

PX10680-C and PX-10700-C are for Yanmar 6LY engines and require a long housing and coupling hub.

The Vulkan TORFLEX 1600 DS coupling can only be used in Pleasure Craft rated applications

**REVERSE AND REDUCTION MARINE TRANSMISSIONS
WITH HYDRAULICALLY OPERATED CLUTCHES**

MG-5075 Series ACCESSORIES					
DESCRIPTION	DRAWING NUMBER	WEIGHT kg (Lbs)	LIST PRICE ADDER	FIELD KIT	
				NUMBER	LIST PRICE
Torsional Couplings (all Models)					
Dual Stage Torflex 1600 DS for 14" Flywheel (SAE J620 size 355)	PX-10749	7.9 (17)	included	TBA KS 615 *	TBA US\$1,302.00
Dual Stage Torflex 1600 DS for 11.5" Flywheel (SAE J620 size 290)	PX-10748	---	included		
Dual Stage Torflex 1600 DS for 11.5" Flywheel (SAE J620 size 290) Special for Yanmar Engine 6CX (1)	PX-11648	---	US\$ 320.00		
Dual Stage Torflex 1600 DS for 11.5" Flywheel (SAE J620 size 290) Special for Yanmar Engine 6LY(2)	PX-11712A	---	US\$ 415.00		
Natural Rubber, Dual Stage Centa DS-45-7 for 14" Flywheel (SAE J620 size 355)	PX-10953	---	US\$ 125.00		
Natural Rubber, Dual Stage Centa DS-45-7 for 11.5" Flywheel (SAE J620 size 290)	PX-10918-A	---	US\$ 122.00		
Silicon Rubber (First Stage), Dual Stage Centa DS-45-7 for 14" Flywheel (SAE J620 size 355)	PX-10953-A	---	US\$ 237.00		
Silicon Rubber (First Stage), Dual Stage Centa DS-45-7 for 11.5" Flywheel (SAE J620 size 290)	PX-10918	9.7 (21)	US\$ 138.00		
Natural Rubber, Dual Stage Centa DS-40 for 11.5" Flywheel (SAE J620 size 290)	PX-10895	---	US\$ 44.00		
Centaflex CF-R-136 for 11.5" Flywheel (SAE J620 size 290)	PX-12075	---	US\$ 130.00		
P.T.O.					
Live pump mount PTO - SAE-J-744 size 101-4, 22-4, max. 197 Nm (ex. SAE B, 4-bolt or 2-bolt)	See Installation Drawing	5.0 (11)	US\$ 158.00	KS-644 *	US\$ 158.00
- for MG-5075 SC & MG-5075 A use when heat exchanger PM-10685 is NOT installed		5.0 (11)	US\$ 330.00	KS-664 *	US\$ 330.00
- for MG-5075 SC & MG-5075 A use when heat exchanger PM-10685 is installed (bracket included)					
No clutchable PTO (pump mount or shaft drive) available					
Control Valve					
Mechanical control valve (22.8 bar/330 p.s.i.)	See Installation Drawing	---	Standard	KS 477 *	US\$ 806.00
- for MG-5075 SC & MG-5075 A		---	US\$ 339.00	KS 475 *	US\$1,198.00
Electric control valve (22.8 bar/330 p.s.i. - 24 VDC)	PX-10725	---	US\$ 339.00	KS 476 *	US\$1,198.00
- for MG-5075 SC & MG-5075 A					
Electric control valve (22.8 bar/330 p.s.i. - 12 VDC)	PX-10725	---	US\$ 339.00	KS 476 *	US\$1,198.00
- for MG-5075 SC & MG-5075 A					
<i>Please note:</i> Rate-of-Rise is standard on all available mechanical and electric selector valves					
Trolling					
Mechanical trolling valve for mechanical selector valve	PX-8871-B	---	US\$ 184.00	KS 467 *	US\$ 287.00
- for MG-5075 SC & MG-5075 A		---	US\$ 184.00	KS 520 *	US\$ 287.00
Mechanical trolling valve for electric selector valve	PX-8871-C	---	US\$ 184.00	KS 520 *	US\$ 287.00
- for MG-5075 SC & MG-5075 A					
Electric trolling valve for electric selector valve (24 VDC) - oil filter MUST be used	1020077C	2.4 (5)	US\$ 610.00	KS 591 *	US\$ 610.00
- for MG-5075 SC & MG-5075 A					
Oil Filter					
Unit mounted oil filter to be used with electric trolling or with high oil filtration requirements (w/o heat exchange)	PX-11653	2.8 (6)	US\$ 320.00	KS 708 *	US\$ 320.00
Unit mounted oil filter to be used with electric trolling or with high oil filtration requirements (with heat exchange)	PX-11653	2.8 (6)	US\$ 320.00	KS 727 *	US\$ 336.00
Output Flange (all Models)					
Output flange for MG-5075 SC & MG-5075 A	P-10736 P-10899A P-10898	---	Standard		
- output flange size GWB 587.42		---	no extra cost		
- output flange size SAE 4		---	no extra cost		
- output flange size SAE 3 (limited to 358 kW (480 hp) @ 2800 rpm and ratio 2.05:1 and less)		---	no extra cost		
Companion Flange (all Models)					
Companion Flange including bolts and nuts	PX-10778 PX-10963 PX-8775-A	TBA	US\$ 275.00		
- for output flange size GWB 587.42		TBA	US\$ 304.00		
- for output flange size SAE 4		TBA	US\$ 222.00		
- for output flange size SAE 3 (limited to 373 kW (500 hp) @ 2300 rpm and ratio 2.05:1 and less)					
Monitoring (all Models)					
Pressure gauge (loose)	B-1703-D	0.5 (1)	US\$ 64.00		
Temperature gauge and switch (loose)	B-3424	0.5 (1)	US\$ 119.00		
Heat Exchanger (all Models)					
Heat exchanger with thermostatic bypass valve	PM-10685A PM-10685A PM-10685A	TBA	US\$ 564.00	KS 629 *	US\$ 564.00
- loose supply, no hoses, fittings nor mounting bracket		TBA	US\$ 702.00	KS 474 *	US\$ 702.00
- mounted on unit, hoses, fittings and mounting bracket (included with PTO) (with PTO)		TBA	US\$ 874.00	KS 480 *	US\$ 874.00
- mounted on unit, hoses, fittings and mounting bracket included (w/o PTO)					
Mounting Brackets					
- for MG-5075 SC & MG-5075 A	1016428-AK	11.0 (24)	US\$ 320.00		
Service Manuals					
- for MG-5075 SC	1020871	---	US\$ 60.00		
- for MG-5075 A	1018870	---	US\$ 60.00		

Important Notes:

* Please refer to Genuine Twin Disc Parts Price Book or contact Twin Disc for field installation kit (KS-kit and K-kit) prices.

The Vulkan TORFLEX 1600 DS coupling can only be used in Pleasure Craft rated applications

- 1) For Yanmar 6CX engine, PX11648 or PX12075 flat flywheel coupling are required.
- 2) For Yanmar 6LY engine, PX11712A extended hub coupling and extended housing (P11692) are required (KS615 includes P11692 housing and PX11712A coupling)

**REVERSE AND REDUCTION MARINE TRANSMISSIONS
WITH HYDRAULICALLY OPERATED CLUTCHES**

MG-5081 Series MARINE TRANSMISSIONS						
MODEL AND STANDARD EQUIPMENT	DRAWING NUMBER	RATIO	SAE HSG	WEIGHT kg (Lbs)		LIST PRICE
MG-5081 SC - Step-up Ratios Coaxial Marine Transmission with Following Standard Equipment: - SAE J617 Housing No. 1 OR No. 2 - Flexible Coupling for 14" OR 11.5" Flywheel (SAE J620 size 355 OR 290): • Non-Silicon Vulkardan E-4010 Series - Mechanical Control Valve - Output Flange Size SAE 4	PX-9800	0.91:1	SAE 1	185	(407)	US\$ 8,653
			SAE 2	180	(396)	US\$ 8,516
		0.76:1	SAE 1	185	(407)	US\$ 8,931
			SAE 2	180	(396)	US\$ 8,794
MG-5081 SC Coaxial Marine Transmission with Following Standard Equipment: - SAE J617 Housing No. 1, No. 2 OR No. 3 - Flexible Coupling for 14" OR 11.5" Flywheel (SAE J620 size 355 OR 290): • Non-Silicon Vulkardan E-4010 Series - Mechanical Control Valve - Output Flange Size SAE 4	PX-8980	1.12:1	SAE 1	185	(407)	US\$ 8,233
		1.30:1				
		1.51:1	SAE 2	180	(396)	US\$ 8,096
		1.97:1				
		2.48:1	SAE 3	175	(385)	on request
MG-5081 A 7° Down Angle Marine Transmission with Following Standard Equipment: - SAE J617 Housing No. 1, No. 2 OR No. 3 - Flexible Coupling for 14" OR 11.5" Flywheel (SAE J620 size 355 OR 290): • Non-Silicon Vulkardan E-4010 Series - Mechanical Control Valve - Output Flange Size SAE 4	PX-9160	1.12:1	SAE 1	185	(407)	US\$ 8,395
		1.30:1				
		1.51:1	SAE 2	180	(396)	US\$ 8,258
		1.97:1				
		2.48:1	SAE 3	175	(385)	on request

Important Notes:

MG-5081 SC and MG-5081 A cannot be used on engines with left-hand rotation.

**REVERSE AND REDUCTION MARINE TRANSMISSIONS
WITH HYDRAULICALLY OPERATED CLUTCHES**

MG-5081 Series ACCESSORIES					
DESCRIPTION	DRAWING NUMBER	WEIGHT kg (Lbs)	LIST PRICE ADDER	FIELD KIT	
				NUMBER	LIST PRICE
Torsional Couplings (all Models)					
Non-Silicon Vulkardan E-4010 Series for 14" Flywheel (SAE J620 size 355)	P-9476	---	included	KS 280 *	
Non-Silicon Vulkardan E-4010 Series for 11.5" Flywheel (SAE J620 size 290)	P-9472	---	included		
Silicon Vulkardan E-4011 S for 14" Flywheel (SAE J620 size 355)	P-10532	---	US\$ 331.00		
Silicon Vulkardan E-4011 S for 11.5" Flywheel (SAE J620 size 290)	P-10773	---	US\$ 331.00	KS 382 *	KS 381 *
Natural Rubber, Dual Stage Centa DS-45-7 for 14" Flywheel (SAE J620 size 355)	PX-10658	---	US\$ 137.00		
Natural Rubber, Dual Stage Centa DS-45-7 for 11.5" Flywheel (SAE J620 size 290)	PX-10602	---	US\$ 110.00		
P.T.O.					
No PTO (live or clutchable, pump mount or shaft drive) available	N/A	N/A	N/A	N/A	N/A
Control Valve					
Mechanical control valve (26.9 bar/390 p.s.i.) - for MG-5081 SC & MG-5081 A	PX-9504-A	---	Standard	KS 570 *	US\$ 864.00
Electric control valve (26.9 bar/390 p.s.i. - 24 VDC) - for MG-5081 SC & MG-5081 A	PX-11585C	---	US\$ 415.00	KS 587 *	US\$1,289.00
Electric control valve (26.9 bar/390 p.s.i.) - 12 VDC) - for MG-5081 SC & MG-5081 A	PX-11585C	---	US\$ 415.00	KS 588 *	US\$1,289.00
<i>Please note:</i> Rate-of-Rise is standard on all available mechanical and electric selector valves					
Trolling					
Mechanical trolling valve for mechanical selector valve (use with P.R.O.R. @ 390 psi) - for MG-5081 SC & MG-5081 A	PX-9525-A	9.5 (21)	US\$ 242.00	KS 611 *	US\$ 329.00
Mechanical trolling valve for electric selector valve - for MG-5081 SC & MG-5081 A	PX-10025-C	---	US\$ 242.00	N/A	N/A
Electric trolling valve for electric selector valve (24 VDC) - oil filter MUST be used - for MG-5081 SC & MG-5081 A	1020077A	2.4 (5)	US\$ 610.00	KS 590 *	US\$ 610.00
Oil Filter					
Unit mounted oil filter to be used with electric trolling or with high oil filtration requirements	PX-11653	2.8 (6)	US\$ 320.00		
Companion Flange (all Models)					
Companion Flange including bolts and nuts (1¼" plain bore) - for output flange size SAE 4	PX-9153	13.6 (30)	US\$ 231.00		
Monitoring (all Models)					
Pressure gauge (loose)	B-1703-D	0.5 (1)	US\$ 64.00		
Temperature gauge and switch (loose)	B-3424	0.5 (1)	US\$ 119.00		
Heat Exchanger (all Models)					
Heat exchanger with thermostatic bypass valve - loose supply, no hoses, fittings nor mounting bracket - mounted on unit, hoses, fittings and mounting bracket included	PM-10685A PM-10685A	TBA TBA	US\$ 564.00 US\$ 874.00	KS 629 *	US\$ 564.00
Mounting Brackets					
- for MG-5081 SC & MG-5081 A (steel fabricated)	1016428-K	7.2 (16)	US\$ 265.00		
Service Manuals					
-for MG5081 SC	1015920	---	US\$ 60.00		
-for MG5081 A	1017811	---	US\$ 60.00		

Important Notes:

* Please refer to Genuine Twin Disc Parts Price Book or contact Twin Disc for field installation kit (KS-kit and K-kit) prices.

**REVERSE AND REDUCTION MARINE TRANSMISSIONS
WITH HYDRAULICALLY OPERATED CLUTCHES**

MG-5082 Series MARINE TRANSMISSIONS						
MODEL AND STANDARD EQUIPMENT	DRAWING NUMBER	RATIO	SAE HSG	WEIGHT kg (Lbs)		LIST PRICE
MG-5082 SC Nearly Coaxial, Aluminum Housing with Following Standard Equipment: - SAE J617 Housing No. 1 OR No. 2 - Flexible Coupling for 14" OR 11.5" Flywheel (SAE J620 size 355 OR 290): • Non-Silicon Vulkardan E-4010 Series - Mechanical Control Valve - Output Flange Size SAE 4	PX-11250-A	1.06:1	SAE 1	136	(300)	US\$ 7,943
		1.33:1				
		1.53:1				
		1.77:1	SAE 2			US\$ 7,943
		2.05:1				
		2.53:1				
		2.88:1				
MG-5082 A 7° Down Angle, Aluminum Housing with Following Standard Equipment: - SAE J617 Housing No. 1 OR No. 2 - Flexible Coupling for 14" OR 11.5" Flywheel (SAE J620 size 355 OR 290): • Non-Silicon Vulkardan E-4010 Series - Mechanical Control Valve - Output Flange Size SAE 4	PX-11040-B	1.06:1	SAE 1	136	(300)	US\$ 8,093
		1.33:1				
		1.53:1				
		1.77:1	SAE 2			US\$ 8,093
		2.05:1				
		2.53:1				
		2.88:1				

Important Notes:

MG-5082 SC and MG-5082 A cannot be used on engines with left-hand rotation.

**REVERSE AND REDUCTION MARINE TRANSMISSIONS
WITH HYDRAULICALLY OPERATED CLUTCHES**

MG-5082 Series ACCESSORIES						
DESCRIPTION	DRAWING NUMBER	WEIGHT		LIST PRICE ADDER	FIELD KIT	
		kg	(Lbs)		NUMBER	LIST PRICE
Torsional Couplings (all Models)						
Non-Silicon Vulkardan E-4010 Series for 14" Flywheel (SAE J620 size 355)	P-11832	---		included		
Non-Silicon Vulkardan E-4010 Series for 11.5" Flywheel (SAE J620 size 290)	P-11833	---		included		
Silicon Vulkardan E-4011 S for 14" Flywheel (SAE J620 size 355)	P-11832B	---		US\$ 284.00		
Silicon Vulkardan E-4011 S for 11.5" Flywheel (SAE J620 size 290)	P-11833B	---		US\$ 284.00		
Centaflex CF-R-216 for 14" Flywheel (SAE J620 size 355)	PX-11543	---		US\$ 364.00		
Centaflex CF-R-216 for 11.5" Flywheel (SAE J620 size 290)	PX-11951	---		US\$ 153.00		
P.T.O.						
Live pump mount PTO - SAE-J744 size 101-4, 22-4, max. 197 Nm (ex. SAE B, 4-bolt or 2-bolt)	See					
- for MG-5082 SC & MG-5082 A use when heat exchanger PM-10685 is NOT installed	Installation	5.0	(11)	US\$ 158.00	KS-644 *	US\$ 158.00
- for MG-5082 SC & MG-5082 A use when heat exchanger PM-10685 is installed	Drawing	5.0	(11)	US\$ 330.00	KS-664 *	US\$ 330.00
No clutchable PTO (pump mount or shaft drive) available						
Control Valve						
Mechanical control valve (24.8 bar/360 p.s.i.)	See					
- for MG-5082 SC & MG-5082 A	Installation	---		Standard	KS477 *	US\$ 806.00
Electric control valve (24.8 bar/360 p.s.i. - 24 VDC)	Drawing					
- for MG-5082 SC & MG-5082 A	PX-10725	---		US\$ 339.00	KS 475 *	US\$1,198.00
Electric control valve (24.8 bar/360 p.s.i.) - 12 VDC)						
- for MG-5082 SC & MG-5082 A	PX-10725	---		US\$ 339.00	KS 476 *	US\$1,198.00
<u>Please note:</u> Rate-of-Rise is standard on all available mechanical and electric selector valves						
Trolling						
Mechanical trolling valve for mechanical selector valve						
- for MG-5082 SC & MG-5082 A	PX-8871-B	---		US\$ 184.00	KS 467 *	US\$ 287.00
Mechanical trolling valve for electric selector valve						
- for MG-5082 SC & MG-5082 A	PX-8871-C	---		US\$ 184.00	KS 520 *	US\$ 287.00
Electric trolling valve for electric selector valve (24 VDC) - oil filter MUST be used						
- for MG-5082 SC & MG-5082 A	1020077C	2.4	(5)	US\$ 610.00	KS 591 *	US\$ 610.00
Oil Filter						
Unit mounted oil filter to be used with electric trolling or with high oil filtration requirements (w/o heat exchange)	PX-11653	2.8	(6)	US\$ 320.00	KS 708 *	US\$ 320.00
Unit mounted oil filter to be used with electric trolling or with high oil filtration requirements (with heat exchange)	PX-11653	2.8	(6)	US\$ 320.00	KS 727 *	US\$ 336.00
Companion Flange (all Models)						
Companion Flange including bolts and nuts						
- for output flange size SAE 4	PX-9153	13.6	(30)	US\$ 231.00		
Monitoring (all Models)						
Pressure gauge (loose)	B-1703-D	0.5	(1)	US\$ 64.00		
Temperature gauge and switch (loose)	B-3424	0.5	(1)	US\$ 119.00		
Heat Exchanger (all Models)						
Heat exchanger with thermostatic bypass valve						
- loose supply, no hoses, fittings nor mounting bracket	PM-10685A	TBA		US\$ 564.00	KS 629	US\$ 564.00
- mounted on unit, hoses, fittings and mounting bracket included	PM-10685A	TBA		US\$ 874.00		
Mounting Brackets						
- for MG-5082 SC & MG-5082 A	1016428-AR	11.0	(24)	US\$ 280.00		
Service Manuals						
- for MG-5082 SC	1020115	---		US\$ 60.00		
- for MG-5082 A	1020114	---		US\$ 60.00		

Important Notes:

* Please refer to Genuine Twin Disc Parts Price Book (last printed Oct. 1, 2001) or contact Twin Disc for field installation kit (KS-kit and K-kit) prices.

**REVERSE AND REDUCTION MARINE TRANSMISSIONS
WITH HYDRAULICALLY OPERATED CLUTCHES**

MG-5085 Series MARINE TRANSMISSIONS						
MODEL AND STANDARD EQUIPMENT	DRAWING NUMBER	RATIO	SAE HSG	WEIGHT kg (Lbs)		LIST PRICE
MG-5085 SC Vertical Offset, Aluminum Housing with Following Standard Equipment: - SAE J617 Housing No. 1, No. 2, No. 3 OR Special CAT SAE No. 3 - Flexible Coupling for 14" OR 11.5" Flywheel (SAE J620 size 355 OR 290): • Non-Silicon Vulkardan E-3412 or E-3415 Series - Mechanical Control Valve - Output Flange Size SAE 4	PX-9260-B PX-9260-C*	1.05:1				
		1.22:1	SAE 1	129	(284)	US\$ 7,259
		1.42:1	SAE 2	120	(264)	US\$ 7,259
		1.76:1	SAE 3	120	(264)	US\$ 7,259
		1.96:1 2.33:1	SAE 3 CAT	120	(264)	US\$ 7,259
MG-5085 A 7° Down Angle, Aluminum Housing with Following Standard Equipment: - SAE J617 Housing No. 1, No. 2, No. 3 OR Special CAT SAE No. 3 - Flexible Coupling for 14" OR 11.5" Flywheel (SAE J620 size 355 OR 290): • Non-Silicon Vulkardan E-3412 or E-3415 Series - Mechanical Control Valve - Output Flange Size SAE 4	PX-9360-B PX-9360-C*	1.05:1				
		1.22:1	SAE 1	129	(284)	US\$ 7,406
		1.47:1	SAE 2	120	(264)	US\$ 7,406
		1.72:1	SAE 3	120	(264)	US\$ 7,406
		2.04:1 2.43:1	SAE 3 CAT	120	(264)	US\$ 7,406

Important Notes:

Please contact Twin Disc when marine transmission is used on engine with left-hand rotation. A different oil pump installation will be required.

* For use with Caterpillar engines having Starter-Over-Gear.

**REVERSE AND REDUCTION MARINE TRANSMISSIONS
WITH HYDRAULICALLY OPERATED CLUTCHES**

MG-5085 Series ACCESSORIES						
DESCRIPTION	DRAWING NUMBER	WEIGHT kg (Lbs)	LIST PRICE ADDER	FIELD KIT		
				NUMBER	LIST PRICE	
Torsional Couplings (all Models)						
Non-Silicon Vulkardan E-3412 or E-3415 for 14" Flywheel (SAE J620 size 355)	P-10994	---	included			
Non-Silicon Vulkardan E-3412 or E-3415 for 11.5" Flywheel (SAE J620 size 290)	P-10956	---	included			
Natural Rubber Centa DS-45-7 for 14" Flywheel (SAE J620 size 355)	PX-10995	---	US\$ 380.00			
Natural Rubber Centa DS-45-7 for 11.5" Flywheel (SAE J620 size 290)	PX-10993	---	US\$ 109.00			
P.T.O.						
Live pump mount PTO - SAE-J744 size 101-4, 22-4, max. 197 Nm (ex. SAE B, 2 and 4-bolt) - for MG-5085 SC & MG-5085 A (without heat exchanger possibility)	See Installation Drawing	1.8 (4)	US\$ 178.00	KS 745 *	US\$ 178.00	
Live pump mount PTO - SAE-J744 size 101-4, 22-4, max. 197 Nm (ex. SAE B, 2 and 4-bolt) - for MG-5085 SC & MG-5085 A (with heat exchanger possibility) (bracket included)			US\$ 351.00	KS 746 *	US\$ 351.00	
No clutchable PTO (pump mount or shaft drive) available						
Control Valve						
Mechanical control valve (22.8 bar/330 p.s.i.) - for MG-5085 SC & MG-5085 A	See Installation Drawing PX-10566	---	Standard	KS 571 *	US\$ 673.00	
Electric control valve (22.8 bar/330 p.s.i. - 24 VDC) - for MG-5085 SC & MG-5085 A		---	US\$ 288.00	KS 406 *	US\$1,077.00	
Electric control valve (22.8 bar/330 p.s.i. - 12 VDC) - for MG-5085 SC & MG-5085 A		---	US\$ 288.00	KS 405 *	US\$1,077.00	
<i>Please note:</i> Rate-of-Rise is standard on all available mechanical and electric selector valves						
Trolling						
Mechanical trolling valve for mechanical selector valve - for MG-5085 SC & MG-5085 A	PX-8871-A	---	US\$ 204.00	KS 340 *	US\$ 332.00	
Mechanical trolling valve for electric selector valve - for MG-5085 SC & MG-5085 A	PX-8871-D	---	US\$ 204.00	KS 386 *	US\$ 339.00	
Electric trolling valve for electric selector valve (24 VDC) - oil filter MUST be used - for MG-5085 SC & MG-5085 A	1020077B	2.4 (5)	US\$ 610.00	KS 607 *	US\$ 610.00	
Oil Filter						
Unit mounted oil filter to be used with electric trolling or with high oil filtration requirements	PX-11653	2.8 (6)	US\$ 320.00	KS 564 *	US\$ 392.00	
Companion Flange (all Models)						
Companion Flange including bolts and nuts (1¼" plain bore) - for output flange size SAE 4	PX-9153	13.6 (30)	US\$ 231.00			
Monitoring (all Models)						
Pressure gauge (loose)	B-1703-D	0.5 (1)	US\$ 64.00			
Temperature gauge and switch (loose)	B-3424	0.5 (1)	US\$ 119.00			
Heat Exchanger (all Models)						
Heat exchanger with thermostatic bypass valve - loose supply, no hoses, fittings nor mounting bracket	PM-10685A	---	US\$ 564.00	KS 629 *	US\$ 564.00	
- mounted on unit, hoses, fittings and mounting bracket (included with PTO) (use with PTO)	PM-10685A	---	US\$ 702.00			
- mounted on unit, hoses, fittings and mounting bracket included (use without PTO)	PM-10685A	---	US\$ 874.00	KS 759 *	US\$ 874.00	
Mounting Brackets						
- for MG-5085 SC & MG-5085 A (steel fabricated)	1016428-F	12.7 (28)	US\$ 295.00			
Service Manuals						
- for MG-5085 SC	1019936	---	US\$ 60.00			
- for MG-5085 A	1018869	---	US\$ 60.00			

Important Notes:

* Please refer to Genuine Twin Disc Parts Price Book (last printed Oct. 1, 2001) or contact Twin Disc for field installation kit (KS-kit and K-kit) prices.

**REVERSE AND REDUCTION MARINE TRANSMISSIONS
WITH HYDRAULICALLY OPERATED CLUTCHES**

MG-509 Series MARINE TRANSMISSIONS						
MODEL AND STANDARD EQUIPMENT	DRAWING NUMBER	RATIO	SAE HSG	WEIGHT kg (Lbs)		LIST PRICE
MG-509 SC Vertical Offset Marine Transmission with Following Standard Equipment: - SAE J617 Housing No. 1 OR No. 2 - Rubber Block Drive for 14" OR 11.5" Flywheel (SAE J620 size 355 OR 290): - Mechanical Control Valve	X-9816-F	1.45:1	SAE 2	260	(573)	US\$ 12,057
		2.00:1				
		2.48:1	SAE 1	263	(579)	US\$ 12,057
		2.95:1				
		3.38:1				
MG-509 DC Vertical Offset Marine Transmission with Following Standard Equipment: - SAE J617 Housing No. 1 OR No. 2 - Rubber Block Drive for 14" OR 11.5" Flywheel (SAE J620 size 355 OR 290): - Mechanical Control Valve	X-9835	3.83:1	SAE 2	323	(711)	US\$ 14,277
		4.50:1				
		4.95:1	SAE 1	327	(720)	US\$ 14,277

Important Notes:

Please contact Twin Disc when marine transmission is used on engine with left-hand rotation. A different oil pump installation will be required.

**REVERSE AND REDUCTION MARINE TRANSMISSIONS
WITH HYDRAULICALLY OPERATED CLUTCHES**

MG-509 Series ACCESSORIES					
DESCRIPTION	DRAWING NUMBER	WEIGHT kg (Lbs)	LIST PRICE ADDER	FIELD KIT	
				NUMBER	LIST PRICE
Torsional Couplings (all Models)					
Natural Rubber, Dual Stage Centa DS-45-7 for 14" Flywheel (SAE J620 size 355)	PX-10322	---	US\$ 320.00	KS 369 *	
Natural Rubber, Dual Stage Centa DS-45-7 for 11.5" Flywheel (SAE J620 size 290)	PX-10509	---	US\$ 91.00	KS 346 *	
P.T.O.					
Clutchable shaft drive Top-PTO, mechanical PTO control valve, max. 221 Nm - for MG-509 SC & MG-509 DC (BOM 31149)	X-9807-A	34.5 (76)	US\$ 5,320.00	TBA	
Control Valve					
Mechanical control valve (13.8 bar/200 p.s.i.) - for MG-509 SC & MG-509 DC	XA-7371	---	Standard	K 593 *	US\$ 895.00
Electric control valve (24 VDC) (13.8 bar/200 p.s.i.) - for MG-509 SC & MG-509 DC	PX-10285E	---	US\$ 242.00	KS 408 *	US\$ 762.00
Electric control valve (12 VDC) (13.8 bar/200 p.s.i.) - for MG-509 SC & MG-509 DC	PX-10285E	---	US\$ 242.00	KS 407 *	US\$ 762.00
<i>Please note:</i> Rate-of-Rise is standard on all available mechanical and electric selector valves					
Trolling					
Mechanical trolling valve for mechanical selector valve (PX-9975 series) - for MG-509 SC & MG-509 DC	XA-7373	6.5 (14)	US\$ 1,048.00	K 643 *	US\$1,790.00
Mechanical trolling valve for electric selector valve - for MG-509 SC & MG-509 DC	PX-10505E	TBA	TBA	KS 387 *	US\$ 433.00
Companion Flange					
Companion Flange including bolts and nuts - for MG-509 SC (1-1/2" plain bore) - for MG-509 DC (1-1/2" plain bore)	XA-5224-AA XA-6988-A	10.9 (24) 34.1 (75)	US\$ 222.00 US\$ 405.00		
Monitoring (all Models)					
Pressure gauge (loose)	B-1703-D	0.5 (1)	US\$ 64.00		
Temperature gauge and switch (loose)	B-3424	0.5 (1)	US\$ 119.00		
Heat Exchanger (all Models)					
Heat Exchanger for fresh water cooling ((jacket or keel, limited to 300 hp) - for MG-509 SC & MG-509 DC (loose supply, incl. fittings & hoses, no mounting bracket)	M-1961-F	7.0 (15)	US\$ 447.72	K 39 *	US\$ 510.00
Heat Exchanger for raw water cooling: - for MG-509 SC & MG-509 DC (loose supply, no fittings, no hoses, no mounting bracket)	M-1961-H	6.8 (15)	US\$ 504.90	TBA	TBA
- for MG-509 SC & MG-509 DC (loose supply, incl. fittings and hoses, no mounting bracket)	M-1961-H	7.5 (17)	TBA	K 77	US\$ 510.00
Heat exchanger with thermostatic bypass valve - loose supply, no hoses, fittings nor mounting bracket - mounted on unit, hoses, fittings and mounting bracket included	PM-10685A PM-10685A	TBA TBA	US\$ 564.00 US\$ 874.00	KS 629 *	US\$ 564.00
Mounting Brackets					
- for MG-509 DC (steel fabricated)	not available		not available		
Service Manuals					
- for MG-509 SC & MG-509 DC	1015793	---	US\$ 60.00		

Important Notes:

* Please refer to Genuine Twin Disc Parts Price Book (last printed Oct. 1, 2001) or contact Twin Disc for field installation kit (KS-kit and K-kit) prices.

**REVERSE AND REDUCTION MARINE TRANSMISSIONS
WITH HYDRAULICALLY OPERATED CLUTCHES**

MG-5090 Series MARINE TRANSMISSIONS						
MODEL AND STANDARD EQUIPMENT	DRAWING NUMBER	RATIO	SAE HSG	WEIGHT kg (Lbs)		LIST PRICE
MG-5091 SC Vertical Offset Marine Transmission with Following Standard Equipment: - SAE J617 Housing No. 1 OR No. 2 - Flexible Coupling for 14" OR 11.5" Flywheel (SAE J620 size 355 OR 290): • Non-Silicon Vulkardan E-4010 Series OR Centaflex CF-R-216 - Mechanical Control Valve	PX-10016	1.17:1	SAE 2	220	(485)	US\$ 8,828
		1.45:1				
		1.71:1	SAE 1	230	(507)	US\$ 8,828
		2.04:1				
MG-5091 SC Vertical Offset Marine Transmission with Following Standard Equipment: - SAE J617 Housing No. 1 OR No. 2 - Flexible Coupling for 14" OR 11.5" Flywheel (SAE J620 size 355 OR 290): • Non-Silicon Vulkardan E-4010 Series OR Centaflex CF-R-216 - Mechanical Control Valve	PX-10016	2.95:1	SAE 2	233	(513)	US\$ 9,307
		3.33:1				
			SAE 1	242	(533)	US\$ 9,307
MG-5091 DC Vertical Offset Marine Transmission with Following Standard Equipment: - SAE J617 Housing No. 1 OR No. 2 - Flexible Coupling for 14" OR 11.5" Flywheel (SAE J620 size 355 OR 290): • Non-Silicon Vulkardan E-4010 Series OR Centaflex CF-R-216 - Mechanical Control Valve	1002155	3.82:1	SAE 2	285	(628)	US\$ 11,169
		4.50:1				
		5.05:1	SAE 1	295	(650)	US\$ 11,169
MG-5090 A 7° Down Angle Marine Transmission with Following Standard Equipment: - SAE J617 Housing No. 1 OR No. 2 - Flexible Coupling for 14" OR 11.5" Flywheel (SAE J620 size 355 OR 290): • Non-Silicon Vulkardan E-4010 Series OR Centaflex CF-R-216 - Mechanical Control Valve	PX-10015	1.05:1	SAE 2	240	(529)	US\$ 8,828
		1.45:1				
		1.73:1				
		1.96:1	SAE 1	250	(551)	US\$ 8,828
		2.43:1				

Important Notes:

Please contact Twin Disc when marine transmission is used on engine with left-hand rotation. A different oil pump installation will be required.

**REVERSE AND REDUCTION MARINE TRANSMISSIONS
WITH HYDRAULICALLY OPERATED CLUTCHES**

MG-5090 Series ACCESSORIES						
DESCRIPTION	DRAWING NUMBER	WEIGHT		LIST PRICE ADDER	FIELD KIT	
		kg	(Lbs)		NUMBER	LIST PRICE
Torsional Couplings (all Models)						
Non-Silicon Vulkardan E-4010 Series for 14" Flywheel (SAE J620 size 355)	P-9476	---		included	KS 281	
Non-Silicon Vulkardan E-4010 Series for 11.5" Flywheel (SAE J620 size 290)	P-9472	---		included	KS 577	
Silicon Vulkardan E-4011 S for 14" Flywheel (SAE J620 size 355)	P-10532	---		US\$ 294.00	KS 435	
Silicon Vulkardan E-4011 S for 11.5" Flywheel (SAE J620 size 290)	P-10773	---		US\$ 294.00	KS 617	
Centaflex CF-R-216 for 14" Flywheel (SAE J620 size 355)						
- for MG-5091 SC & MG-5091 DC	PX-11135	---		included		
- for MG-5090A	PX-11140	---		included		
Centaflex CF-R-216 for 11.5" Flywheel (SAE J620 size 290)						
- for MG-5091 SC & MG-5091 DC	PX-11137	---		included		
- for MG-5090A	PX-11138	---		included		
P.T.O.						
Live pump mount PTO - SAE-J-744 size 127-4, 32-4, max. 597 Nm (ex. SAE C, 4-bolt)						
- for MG-5091 SC & MG-5091 DC	XB-6243	11.4	(25)	US\$ 659.00	KS 528 *	US\$ 659.00
- for MG-5090 A	XB-6243	11.4	(25)	US\$ 659.00	KS 527 *	US\$ 659.00
Clutchable pump mount PTO, mechanical PTO control valve - SAE-J-744 size 127-4, 32-4, (ex. SAE C, 4-bolt), max. 415 Nm						
- for MG-5091 SC	XA-7554A	27.2	(60)	US\$ 2,415.00	KS 486 *	US\$2,415.00
- for MG-5091 DC	XA-7554A	27.2	(60)	US\$ 2,415.00	KS 489 *	US\$2,415.00
- for MG-5090 A	XA-7553A	27.2	(60)	US\$ 2,415.00	KS 576	US\$2,415.00
Clutchable shaft drive PTO, mechanical PTO control valve, max. 415 Nm						
- for MG-5091 SC	XA-7554	27.2	(60)	US\$ 2,415.00	KS 584	US\$2,415.00
- for MG-5091 DC	XA-7554	27.2	(60)	US\$ 2,415.00	KS 538 *	US\$2,415.00
- for MG-5090 A	XA-7553	27.2	(60)	US\$ 2,415.00	TBA	
Electric control valve for clutchable PTO (pump drive and shaft drive)	PX-10508		TBA	US\$ 35.00	TBA	
PTO Adapter from SAE-J-744 size 127-4, 32-4 (ex. SAE C, 4-bolt) to size 101-2, 22-4 (ex. SAE B, 2-bolt)	XB-2403	2.3	(5)	US\$ 227.00	TBA	
Control Valve						
Mechanical control valve						
- for MG-5091 SC, MG-5090 A (18.6 bar/270 p.s.i.)	PX-9975K	---		Standard	KS 437 *	US\$ 480.00
- for MG-5091 DC (17.2 bar/250 p.s.i.)	PX-9975M	---		Standard	KS 368 *	US\$ 480.00
Electric control valve (24 VDC)						
- for MG-5091 SC, MG-5090 A (18.6 bar/270 p.s.i.)	PX-10285	---		US\$ 242.00	KS 393 *	US\$ 762.00
- for MG-5091 DC (17.2 bar/250 p.s.i.)	PX-10285	---		US\$ 242.00	KS 327 *	US\$ 767.00
Electric control valve (12 VDC)						
- for MG-5091 SC, MG-5090 A (18.6 bar/270 p.s.i.)	PX-10285	---		US\$ 242.00	KS 395 *	US\$ 762.00
- for MG-5091 DC (17.2 bar/250 p.s.i.)	PX-10285	---		US\$ 242.00	KS 364 *	US\$ 763.00
<i>Please note:</i> Rate-of-Rise is standard on all available mechanical and electric selector valves						
Trolling						
Mechanical trolling valve for mechanical selector valve (PX-9975 series)						
- for MG-5091 SC, MG-5091 DC & MG-5090 A	PX-10790	2.7	(6)	US\$ 301.00	KS-498 *	US\$ 412.00
Mechanical trolling valve for electric selector valve						
- for MG-5091 SC, MG-5091 DC & MG-5090 A	PX-10505		TBA	US\$ 301.00	KS 387 *	US\$ 433.00
Electric trolling valve for electric selector valve (24 VDC) - oil filter MUST be used						
- for MG-5091 SC, MG-5091 DC & MG-5090 A	1020230A	2.4	(5)	US\$ 644.00	KS 608	US\$ 644.00
Oil Filter						
Unit mounted oil filter to be used with electric trolling or with high oil filtration requirements						
- for MG-5090 A	PX-11653	2.8	(6)	US\$ 320.00		
	PX-11653	2.8	(6)	US\$ 345.00	KS 606	US\$ 345.00
Companion Flange						
Companion Flange including bolts and nuts						
- for MG-5091 SC (ratio 2.45:1 and less) & MG-5090 A	1002739	13.6	(30)	US\$ 263.00		
- for MG-5091 SC (ratio 2.95:1 and 3.33:1)	1001882		TBA	included		
- for MG-5091 DC	XA-6988-B	34.1	(75)	US\$ 405.00		
Monitoring (all Models)						
Pressure gauge (loose)	B-1703-D	0.5	(1)	US\$ 64.00		
Temperature gauge and switch (loose)	B-3424	0.5	(1)	US\$ 119.00		
Monitoring kit for remote indication to be used with heat exchanger PM-10685 (incl. fittings)consisting of:	various	1.0	(2)	US\$ 280.00	KS-546 *	US\$ 280.00
- Pressure switch on unit / pressure and temperature sensors on heat exchanger PM-10685						
Heat Exchanger (all Models)						
Heat exchanger with thermostatic bypass valve						
- loose supply, no hoses, fittings nor mounting bracket	PM-10685A	7.5	(17)	US\$ 564.00	KS 629 *	US\$ 564.00
- mounted on unit, hoses, fittings and mounting bracket included (use without PTO)	PM-10685A		TBA	US\$ 874.00	KS 452 *	US\$1,002.00
Mounting Bracket						
- for MG-5091 SC (steel fabricated mounting brackets)	1016428-Q	9.0	(20)	US\$ 305.00		
- for MG-5091 DC (steel fabricated mounting brackets)	1016428-C	18.0	(40)	US\$ 430.00		
- for MG-5090 A (steel fabricated mounting brackets)	1016428-V	21.0	(46)	US\$ 455.00		
Service Manuals						
- for MG-5091 SC	1015981	---		US\$ 60.00		
- for MG-5091 DC	1015981	---		US\$ 60.00		
- for MG-5090 A	1015990	---		US\$ 60.00		

Important Notes:

* Please refer to Genuine Twin Disc Parts Price Book (last printed Oct. 1, 2001) or contact Twin Disc for field installation kit (KS-kit and K-kit) prices.

**REVERSE AND REDUCTION MARINE TRANSMISSIONS
WITH HYDRAULICALLY OPERATED CLUTCHES**

MG-5114 Series MARINE TRANSMISSIONS						
MODEL AND STANDARD EQUIPMENT	DRAWING NUMBER	RATIO	SAE HSG	WEIGHT kg (Lbs)		LIST PRICE
MG-5114 SC Vertical Offset, Aluminum Housing with Following Standard Equipment: - SAE J617 Housing No. 1 - Flexible Coupling for 14" Flywheel (SAE J620 size 355): • Non-Silicon Vulkardan E-4010 Series OR Centaflex CF-R-216 - Mechanical Control Valve	PX-9785-B	0.93:1 1.02:1 1.12:1 1.50:1 1.74:1 2.04:1 2.54:1 3.00:1	SAE 1	213	(469)	US\$ 9,894
MG-5114 DC Vertical Offset, Cast Iron Housing with Following Standard Equipment: - SAE J617 Housing No. 1 - Flexible Coupling for 14" Flywheel (SAE J620 size 355): • Non-Silicon Vulkardan E-4010 Series OR Centaflex CF-R-216 - Mechanical Control Valve	PX-10250-A	3.28:1 3.43:1 4.17:1 4.59:1 4.86:1	SAE 1	360	(793)	US\$ 14,035
MG-5114 A 7° Down Angle, Aluminum Housing with Following Standard Equipment: - SAE J617 Housing No. 1 OR No. 2 - Flexible Coupling for 14" OR 11.5" Flywheel (SAE J620 size 355 OR 290): • Non-Silicon Vulkardan E-4010 Series OR Centaflex CF-R-216 - Mechanical Control Valve	PX-11915	1.03:1 1.20:1 1.48:1	SAE 2	203	(447)	US\$ 9,894
		1.75:1 1.92:1 2.04:1 2.50:1	SAE 1	209	(460)	US\$ 9,894
MG-5114 RV Remote V-Drive, 7° Down Angle, Aluminum Housing with Following Standard Equipment: - Input Flange Size GWB 587.35 - Mechanical Control Valve - Aluminum Cast Mounting Brackets with Fasteners	PX-9830-A	1.03:1 1.20:1 1.48:1 1.75:1 1.92:1 2.50:1	- - -	205	(452)	US\$ 11,320
MG-5114 IV Integral V-Drive, 14° Down Angle, Aluminum Housing with Following Standard Equipment: - SAE J617 Housing No. 1 OR No. 2 - Flexible Coupling for 14" OR 11.5" Flywheel (SAE J620 size 355 OR 290): • Non-Silicon Vulkardan E-4010 Series OR Centaflex CF-R-216 - Mechanical Control Valve	PX-11920	1.05:1 1.23:1 1.52:1	SAE 2	267	(588)	US\$ 12,543
		1.80:1 1.98:1 2.57:1	SAE 1	273	(601)	US\$ 12,543
MG-5114 SC HD Vertical Offset, Cast Iron Housing with Following Standard Equipment: - SAE J617 Housing No. 1 - Flexible Coupling for 14" Flywheel (SAE J620 size 355): • Non-Silicon Vulkardan E-4010 Series OR Centaflex CF-R-216 - Mechanical Control Valve	PX-11962	0.93:1 1.02:1 1.12:1 1.50:1 1.74:1 2.04:1 2.54:1 3.00:1	SAE 1	290	(639)	US\$ 10,568

Important Notes:

Please contact Twin Disc when marine transmission is used on engine with left-hand rotation. A different oil pump installation will be required.

**REVERSE AND REDUCTION MARINE TRANSMISSIONS
WITH HYDRAULICALLY OPERATED CLUTCHES**

MG-5114 Series ACCESSORIES						
DESCRIPTION	DRAWING NUMBER	WEIGHT kg	(Lbs)	LIST PRICE ADDER	FIELD KIT	
					NUMBER	LIST PRICE
Torsional Couplings (all Models)						
Non-Silicon Vulkardan E-4010 Series for 14" Flywheel (SAE J620 size 355) ¹⁾	P-9476	---		included		
Non-Silicon Vulkardan E-4010 Series for 11.5" Flywheel (SAE J620 size 290) ¹⁾	P-9472	---		included		
Silicon Vulkardan E-4011 S for 14" Flywheel (SAE J620 size 355)	P-10532	---		US\$ 294.00		
Silicon Vulkardan E-4011 S for 11.5" Flywheel (SAE J620 size 290)	P-10773	---		US\$ 294.00		
Centaflex CF-R-216 for 14" Flywheel (SAE J620 size 355)	PX-11374	---		included		
Centaflex CF-R-216 for 11.5" Flywheel (SAE J620 size 290)	PX-11375	---		included		
Centaflex CF-R-268 for 14" Flywheel (SAE J620 size 355)	PX-11209	---		TBA		
P.T.O.						
Live pump mount PTO - SAE-J-744 size 127-4, 32-4, max. 597 Nm (ex. SAE C, 4-bolt)						
- for MG-5114 SC	PX-9768	11.4	(25)	US\$ 659.00	KS-378 *	US\$ 659.00
- for MG-5114 DC	XB-6243	11.4	(25)	US\$ 659.00	KS-528 *	US\$ 659.00
- for MG-5114 A & MG-5114 IV	PX-9768	11.4	(25)	US\$ 659.00	KS-323 *	US\$ 659.00
Clutchable pump mount PTO, mechanical PTO control valve - SAE-J-744 size 127-4, 32-4, (ex. SAE C, 4-bolt), max. 415 Nm						
- for MG-5114 SC	PX-9870A	27.2	(60)	US\$ 2,415.00	KS-352 *	US\$ 2,415.00
- for MG-5114 DC	XA-7554A	27.2	(60)	US\$ 2,415.00	KS-472 *	US\$ 2,415.00
- for MG-5114 A & MG-5114 IV	XA-7553A	27.2	(60)	US\$ 2,415.00	KS-324 *	US\$ 2,415.00
Clutchable shaft drive PTO, mechanical PTO control valve, max. 415 Nm						
- for MG-5114 SC	PX-9870	27.2	(60)	US\$ 2,415.00	KS-367 *	US\$ 2,415.00
- for MG-5114 DC	XA-7554	27.2	(60)	US\$ 2,415.00	KS-517 *	US\$ 3,070.00
- for MG-5114 A & MG-5114 IV	XA-7553	27.2	(60)	US\$ 2,415.00	TBA	US\$ 2,412.00
Electric control valve for clutchable PTO (pump drive and shaft drive)	PX-10508	TBA		US\$ 35.00	TBA	TBA
PTO Adapter from SAE-J-744 size 127-4, 32-4 (ex. SAE C, 4-bolt) to size 101-2, 22-4 (ex. SAE B, 2-bolt)	XB-2403	2.3	(5)	US\$ 227.00	TBA	TBA
Control Valve						
Mechanical control valve (15.9 bar/230 p.s.i.)						
- for MG-5114 SC, MG-5114 A, MG-5114 RV & MG-5114 IV	PX-9975	---		Standard	KS-391 *	US\$ 466.00
- for MG-5114 DC	PX-9975	---		Standard	TBA	TBA
Electric control valve (15.9 bar/230 p.s.i. - 24 VDC)						
- for MG-5114 SC, MG-5114 A, MG-5114 RV & MG-5114 IV	PX-10225	---		US\$ 242.00	KS 355 *	US\$ 749.00
- for MG-5114 DC	PX-10285M	---		US\$ 242.00	KS 402 *	US\$ 753.00
Electric control valve (15.9 bar/230 p.s.i. - 12 VDC)						
- for MG-5114 SC, MG-5114 A, MG-5114 RV & MG-5114 IV	PX-10225	---		US\$ 242.00	KS 309 *	US\$ 749.00
- for MG-5114 DC	PX-10285M	---		US\$ 242.00	KS 403 *	US\$ 753.00
<i>Please note: Rate-of-Rise is standard on all available mechanical and electric selector valves</i>						
Trolling						
Mechanical trolling valve for mechanical selector valve (PX-9975 series)						
- for MG-5114 SC, MG-5114 DC, MG-5114 A, MG-5114 RV & MG-5114 IV	PX-10790C	2.7	(6)	US\$ 301.00	KS-498 *	US\$ 412.00
Mechanical trolling valve for electric selector valve						
- for MG-5114 SC, MG-5114 A, MG-5114 RV & MG-5114 IV (PX-10225 series)	PX-10530	TBA		US\$ 301.00	KS 331 *	US\$ 431.00
- for MG-5114 DC (PX-10285 series)	PX-10505M	TBA		US\$ 301.00	KS 387 *	US\$ 433.00
Electric trolling valve for electric selector valve (24 VDC) - oil filter MUST be used						
- for MG-5114 SC, MG-5114 A, MG-5114 RV & MG-5114 IV	1020230A	2.4	(5)	US\$ 644.00	KS 593 *	US\$ 644.00
- for MG-5114 DC	1020230	2.4	(5)	US\$ 644.00	KS 608 *	US\$ 644.00
Oil Filter						
Unit mounted oil filter to be used with electric trolling or with high oil filtration requirements						
- for MG-5114 A, MG-5114 RV & MG-5114 IV (less heat exchanger)	PX-11653	2.8	(6)	US\$ 334.00	KS 707 *	US\$ 378.00
- for MG-5114 DC (less heat exchanger)	PX-11651	3.0	(7)			
- for MG-5114 SC, MG-5114 A, MG-5114 RV & MG-5114 IV (less heat exchanger)	PX-11653	2.8	(6)	US\$ 334.00	KS 714 *	US\$ 378.00
Companion Flange						
Companion Flange including bolts and nuts						
- for MG-5114 SC	PX-9842	19.5	(43)	US\$ 279.00		
- for MG-5114 DC	XA-6988-B	34.1	(75)	US\$ 405.00		
- for MG-5114 A, MG-5114 RV & MG-5114 IV	XB-5917	19.5	(43)	US\$ 284.00		
Monitoring (all Models)						
Pressure gauge (loose)	B-1703-D	0.5	(1)	US\$ 64.00		
Temperature gauge and switch (loose)	B-3424	0.5	(1)	US\$ 119.00		
Monitoring kit for remote indication to be used with heat exchanger PM-10685 (incl. fittings) consisting of:	various	1.0	(2)	US\$ 280.00	KS-546 *	US\$ 280.00
- Pressure switch on unit / pressure and temperature sensors on heat exchanger PM-10685						
Heat Exchanger (all Models)						
Heat exchanger with thermostatic bypass valve						
- loose supply, no hoses, fittings nor mounting bracket	PM-10685A	TBA		US\$ 564.00	KS-629 *	US\$ 564.00
- mounted on unit, hoses, fittings and mounting bracket included	PM-10685A	TBA		US\$ 874.00	KS-452 *	
Mounting Brackets						
- for MG-5114 SC (steel fabricated mounting brackets)	1016428-N	30.0	(66)	US\$ 605.00		
- for MG-5114 DC (steel fabricated mounting brackets)	1016428-AH	28.0	(62)	US\$ 675.00		
- for MG-5114 A (steel fabricated mounting brackets)	1016428-P	26.0	(57)	US\$ 605.00		
- for MG-5114 RV (aluminum casted mounting brackets)	P-9839	---		Standard		
- for MG-5114 IV (aluminum casted mounting brackets)	P-11707A	25.0	(55)	US\$ 762.00		
- for MG-5114 SC-HD (steel fabricated mounting brackets)	1016428-AT	25.0	(55)	US\$ 655.00		
Service Manuals						
- for MG-5114 SC	1017586	---		US\$ 60.00		
- for MG-5114 DC	1018704	---		US\$ 60.00		
- for MG-5114 A	1015781	---		US\$ 60.00		
- for MG-5114 RV	1019787	---		US\$ 60.00		
- for MG-5114 IV	1019649	---		US\$ 60.00		

¹⁾ Please note that non-silicone Vulkardan E-4011 and Vulkardan E-4015 have a torque limitation of 2.5 kNm (602 kW (807 hp) @ 2300 rpm)

Important Notes:

* Please refer to Genuine Twin Disc Parts Price Book (last printed Oct. 1, 2001) or contact Twin Disc for field installation kit (KS-kit and K-kit) prices.

**REVERSE AND REDUCTION MARINE TRANSMISSIONS
WITH HYDRAULICALLY OPERATED CLUTCHES**

MGX-5114 Series MARINE TRANSMISSIONS						
MODEL AND STANDARD EQUIPMENT	DRAWING NUMBER	RATIO	SAE HSG	WEIGHT kg (Lbs)	LIST PRICE	
MGX-5114 SC Vertical Offset, Aluminum Housing with Following Standard Equipment: - SAE J617 Housing No. 1 - Flexible Coupling for 14" Flywheel (SAE J620 size 355): • Non-Silicon Vulkardan E-4010 Series OR Centaflex CF-R-216 - GP-Valve (New General Purpose Electric Control <u>Valve</u>) - Manual override for GP-Valve - for emergency operation - Quickshift™ Clutch Technology - Oil Strainer and Oil Filter Mounted	PX-11790	0.93:1 1.02:1 1.50:1 1.74:1 2.04:1 2.54:1 3.00:1	SAE 1	213 (469)	US\$ 11,021	
MGX-5114 DC Vertical Offset, Aluminum Housing with Following Standard Equipment: - SAE J617 Housing No. 1 - Flexible Coupling for 14" Flywheel (SAE J620 size 355): • Non-Silicon Vulkardan E-4010 Series OR Centaflex CF-R-216 - GP-Valve (New General Purpose Electric Control <u>Valve</u>) - Manual override for GP-Valve - for emergency operation - Quickshift™ Clutch Technology - Oil Strainer and Oil Filter Mounted	PX-12170	3.28:1 3.43:1 4.17:1 4.59:1 4.86:1	SAE 1	360 (793)	US\$ 15,162	
MGX-5114 A 7° Down Angle, Aluminum Housing with Following Standard Equipment: - SAE J617 Housing No. 1 OR No. 2 - Flexible Coupling for 14" OR 11.5" Flywheel (SAE J620 size 355 OR 290): • Non-Silicon Vulkardan E-4010 Series OR Centaflex CF-R-216 - GP-Valve (New General Purpose Electric Control <u>Valve</u>) - Manual override for GP-Valve - for emergency operation - Quickshift™ Clutch Technology - Oil Strainer and Oil Filter Mounted	PX-11730	1.03:1 1.20:1 1.48:1 1.75:1 1.92:1 2.04:1 2.50:1	SAE 2 SAE 1	203 (447) 209 (460)	US\$ 11,021 US\$ 11,021	
MGX-5114 RV Remote V-Drive, 7° Down Angle, Aluminum Housing with Following Standard Equipment: - Input Flange Size GWB 587.35 - Aluminum Cast Mounting Brackets with Fasteners - GP-Valve (New General Purpose Electric Control <u>Valve</u>) - Manual override for GP-Valve - for emergency operation - Quickshift™ Clutch Technology - Oil Strainer and Oil Filter Mounted	PX-11850	1.03:1 1.20:1 1.48:1 1.75:1 1.92:1 2.04:1 2.50:1	---	205 (452)	US\$ 12,412	
MGX-5114 IV Integral V-Drive, 14° Down Angle, Aluminum Housing with Following Standard Equipment: - SAE J617 Housing No. 1 OR No. 2 - Flexible Coupling for 14" OR 11.5" Flywheel (SAE J620 size 355 OR 290): • Non-Silicon Vulkardan E-4010 Series OR Centaflex CF-R-216 - GP-Valve (New General Purpose Electric Control <u>Valve</u>) - Manual override for GP-Valve - for emergency operation - Quickshift™ Clutch Technology - Oil Strainer and Oil Filter Mounted	PX-11820	1.05:1 1.23:1 1.52:1 1.80:1 1.98:1 2.57:1	SAE 2 SAE 1	267 (588) 273 (601)	US\$ 13,596 US\$ 13,596	

Important Notes:

MGX-5114 Series marine transmissions can only be used on engines with right-hand rotation.

**REVERSE AND REDUCTION MARINE TRANSMISSIONS
WITH HYDRAULICALLY OPERATED CLUTCHES**

MGX-5114 Series ACCESSORIES				FIELD KIT	
DESCRIPTION	DRAWING NUMBER	WEIGHT kg (Lbs)	LIST PRICE ADDER	NUMBER	LIST PRICE
Torsional Couplings (all Models)					
Non-Silicon Vulkardan E-4010 Series for 14" Flywheel (SAE J620 size 355) ¹⁾	P-9476	---	included		
Non-Silicon Vulkardan E-4010 Series for 11.5" Flywheel (SAE J620 size 290) ¹⁾	P-9472	---	included		
Silicon Vulkardan E-4011 S for 14" Flywheel (SAE J620 size 355)	P-10532	---	US\$ 294.00		
Silicon Vulkardan E-4011 S for 11.5" Flywheel (SAE J620 size 290)	P-10773	---	US\$ 294.00		
Centaflex CF-R-216 for 14" Flywheel (SAE J620 size 355)	PX-11374	---	included		
Centaflex CF-R-216 for 11.5" Flywheel (SAE J620 size 290)	PX-11375	---	included		
P.T.O.					
Live pump mount PTO - SAE-J-744 size 127-4, 32-4 (ex. SAE C, 4-bolt), max. 593 Nm	PX-11824		US\$ 659.00	KS-757 *	US\$ 659.00
- for MGX-5114 SC & MGX-5114 DC	PX-9768	11.4 (25)	US\$ 659.00	KS-378 *	US\$ 659.00
- for MGX-5114 SC	PX-9768	11.4 (25)	US\$ 659.00	KS-323 *	US\$ 659.00
- for MGX-5114 A & MGX-5114 IV					
Clutchable pump mount PTO, mechanical PTO control valve - SAE-J-744 size 127-4, 32-4, (ex. SAE C, 4-bolt), max. 641 Nm	PX-12011A		US\$ 2,415.00	KS 748 *	US\$2,415.00
- for MGX-5114 SC	XA-7554A	27.2 (60)	US\$ 2,415.00	KS-472 *	US\$2,415.00
- for MGX-5114 DC	XA-7553A	27.2 (60)	US\$ 2,415.00	KS-324 *	US\$2,415.00
- for MGX-5114 A & MGX-5114 IV					
PTO Adapter from SAE-J-744 size 127-4, 32-4 (ex. SAE C, 4-bolt) to size 101-4, 22-4 (ex. SAE B, 4-bolt)	XB-2403	2.3 (5)	US\$ 227.00	TBA	TBA
Control Valve					
GP-Valve (General Purpose electric control Valve) with manual override for emergency operation	standard	---	included	TBA	
- for MGX-5114 SC, MGX-5114 A, MGX-5114 RV & MGX-5114 IV					
Trolling					
Electric trolling - e-Troll controller for electric GP-Valve, incl. input & output speed pickups mounted	TBA	---	US\$ 460.00	TBA	
- for MGX-5114 SC, MGX-5114 A, MGX-5114 RV & MGX-5114 IV					
Oil Filter					
Unit mounted oil filter	standard	---	included	TBA	
Companion Flange					
Companion Flange including bolts and nuts					
- for MGX-5114 SC	PX-9842	19.5 (43)	US\$ 279.00		
- for MGX-5114 A, MGX-5114 RV & MGX-5114 IV	XB-5917	19.5 (43)	US\$ 284.00		
Monitoring (all Models)					
Monitoring kit for remote indication to be used with heat exchanger PM-10685 (incl. fittings) consisting of:					
- Pressure switch on unit / pressure and temperature sensors on heat exchanger PM-10685	various	1.0 (2)	US\$ 352.00	KS-546 *	US\$ 280.00
Heat Exchanger (all Models)					
Heat exchanger with thermostatic bypass valve					
- loose supply, no hoses, fittings nor mounting bracket	PM-10685A	TBA	US\$ 564.00	KS-629 *	US\$ 564.00
- mounted on unit, hoses, fittings and mounting bracket included	PM-10685A	TBA	US\$ 874.00		
Mounting Brackets					
- for MGX-5114 SC (steel fabricated mounting brackets)	1016428-N	30.0 (66)	US\$ 605.00		
- for MGX-5114 A (steel fabricated mounting brackets)	1016428-P	27.0 (59)	US\$ 605.00		
- for MGX-5114 RV (aluminum casted mounting brackets)	P-9839	---	Standard		
- for MGX-5114 IV (aluminum casted mounting brackets)	P-10516	25.0 (55)	US\$ 762.00		
Please contact Twin Disc for OEM specific aluminum casted mounting brackets					
Service Manuals					
- for MGX-5114 SC	TBA	---	TBA		
- for MGX-5114 A	1021303	---	US\$ 60.00		
- for MGX-5114 RV	TBA	---	TBA		
- for MGX-5114 IV	TBA	---	TBA		

¹⁾ Please note that non-silicone Vulkardan E-4011 and Vulkardan E-4015 have a torque limitation of 2.5 kNm (602 kW (807 hp) @ 2300 rpm)

Important Notes:

* Field installation kit numbers are shown for reference only. Shown prices are list price adders for factory installation of respective accessory.
Please refer to Genuine Twin Disc Parts Price Book (last printed Oct. 1, 2001) or contact Twin Disc for field

**REVERSE AND REDUCTION MARINE TRANSMISSIONS
WITH HYDRAULICALLY OPERATED CLUTCHES**

MG-5135 Series MARINE TRANSMISSIONS					
MODEL AND STANDARD EQUIPMENT	DRAWING NUMBER	RATIO	SAE HSG	WEIGHT kg (Lbs)	LIST PRICE
MG-5135 A 10° Down Angle, Aluminum Housing, Marine Transmission with Following Standard Equipment: - SAE J617 Housing No. 1 OR SAE No. 0 - Flexible Coupling for 14" OR 18" Flywheel (SAE J620 size 355 OR 460): • Silicon Vulkardan VKE4911S Series • Non-Silicon Centaflex CF-R-268 Series - Mechanical Control Valve	PX-11380	1.25:1 1.53:1 1.79:1 2.00:1 2.52:1	SAE 1 SAE 0	280 (617) 280 (617)	US\$ 14,935 US\$ 14,935
MG-5135 RV Remote V-Drive, 10° Down Angle, Aluminum Housing, Marine Transmission With the Following Standard Equipment: - Input Flange Size GWB 587.50 (225 mm) - Mechanical Control Valve - Aluminum Cast Mounting Brackets with Fasteners	PX-11945	1.25:1 1.53:1 1.79:1 2.00:1 2.52:1	None	258 (568)	US\$ 15,553

Important Notes:

Twin Disc MG5135 series marine transmissions CANNOT be used on engines with left-hand rotation.

**REVERSE AND REDUCTION MARINE TRANSMISSIONS
WITH HYDRAULICALLY OPERATED CLUTCHES**

MG-5135 Series ACCESSORIES						
DESCRIPTION	DRAWING NUMBER	WEIGHT kg (Lbs)		LIST PRICE ADDER	FIELD KIT	
					NUMBER	LIST PRICE
Torsional Couplings (all Models)						
Silicon Vulkardan VKE4911S Series for 14" Flywheel (SAE J620 size 355)	1016217	---		included		
Silicon Vulkardan VKE4911S Series for 18" Flywheel (SAE J620 size 460)	1016215	---		included		
Centaflex CF-R-268 Series for 14" Flywheel (SAE J620 size 355)						
- for 5135 SC	PX-11521	---		included		
- for 5135 A	PX-11704	---		included		
Centaflex CF-R-268 Series for 18" Flywheel (SAE J620 size 460)						
- for 5135 SC	PX-11537	---		included		
- for 5135 A	PX-11705	---		included		
P.T.O.						
Live pump mount PTO - SAE-J-744 size 127-4, 32-4, max. 593 Nm (ex. SAE C, 4-bolt)					KS 757 *	
- for MG-5135 A and MG-5135 SC	PX-11824				TBA	
- for MG-5135 A and MG-5135 SC	PX-9768	11.4	(25)	US\$ 659.00	TBA	TBA
- for MG-5135 RV	TBA	11.4	(25)	US\$ 659.00	TBA	TBA
Hydraulic Clutchable Pump Mount PTO - SAE-J-744 size 127-4, 32-4, max. 593 Nm (ex. SAE C, 4-bolt)						
- for MG-5135 A and MG-5135 SC	XA-7554-2	27.2	(60)	US\$ 2,415.00	TBA	TBA
- for MG-5135 A and MG-5135 SC	XA-7554-2	27.2	(60)	US\$ 2,415.00	TBA	TBA
- for MG-5135 RV	TBA	27.2	(60)	US\$ 2,415.00	TBA	TBA
Hydraulic Clutchable PTO, Shaft Drive - SAE-J-744 size 127-4, 32-4, max. 593 Nm (ex. SAE C, 4-bolt)						
- for MG-5135 A and MG-5135 SC	XA-7554-2	27.2	(60)	US\$ 2,415.00	TBA	TBA
- for MG-5135 A and MG-5135 SC	XA-7554-2	27.2	(60)	US\$ 2,415.00	TBA	TBA
- for MG-5135 RV	TBA	27.2	(60)	US\$ 2,415.00	TBA	TBA
PTO adapter SAE "C" to SAE "B"	XB2403	2.3	(5)	US\$ 227.00	TBA	TBA
Control Valve						
Mechanical control valve (17.24 bar/250 p.s.i.)						
- for MG-5135-A, MG-5135-SC and MG-5135-RV	PX-9975-E	---		Included	TBA	TBA
Electric control valve (17.24 bar/250 p.s.i. - 12/24 VDC)						
- for MG-5135-A, MG-5135-SC and MG-5135-RV	PX-10225-C	---		US\$ 231.00	TBA	TBA
Electric control valve (17.24 bar/250 p.s.i. - 12/24 VDC)						
- for MG-5135-A, MG-5135-SC and MG-5135-RV	PX-10225-C	---		US\$ 231.00	TBA	TBA
<i>Please note:</i> Rate-of-Rise is standard on all available mechanical and electric selector valves						
Trolling Valve						
Mechanical trolling valve for mechanical selector valve						
- for MG-5135-A, MG-5135-SC and MG-5135-RV	PX-8871	TBA		US\$ 294.00	KS 498 *	US\$ 412
Mechanical trolling valve for electric selector valve						
- for MG-5135-A, MG-5135-SC and MG-5135-RV	PX-8871-E	TBA		US\$ 294.00	KS 331 *	US\$ 431
Electric trolling valve for electric selector valve (24 VDC) - oil filter MUST be used						
- for MG-5135-A, MG-5135-SC and MG-5135-RV	1020230A	2.4	(5)	US\$ 644.00	KS 593 *	US\$ 644
Oil Filter						
Unit mounted oil filter to be used with electric trolling or with high oil filtration requirements (PM11652 filter)	PM-11652	2.8	(6)	Included		
Companion Flange (all Models)						
Companion Flange including bolts and nuts						
- for MG-5135 A and MG-5135 RV	PX-11471	19.5	(43)	US\$ 440.00		
- for MG-5135 SC	PX-11654	19.5	(43)	US\$ 390.00		
Monitoring (all Models)						
Pressure gauge (loose)	B-1703-D	0.5	(1)	US\$ 64.00		
Temperature gauge and switch (loose)	B-3424	0.5	(1)	US\$ 119.00		
Kit to be used with heat exchanger PM-11261:						
- Pressure switch on the unit and Pressure and temperature sensors on the heat exchanger PM11261	TBA			TBA	TBA	TBA
Heat Exchanger (all Models)						
Heat exchanger with thermostatic bypass valve						
- loose supply, no hoses, fittings nor mounting bracket	PM-11261A	TBA		US\$ 851.00		
- mounted on unit, hoses, fittings and mounting bracket included	PM-11261A	TBA		US\$ 1,150.00		
- mounted on unit, hoses, fittings and mounting bracket included (for MG5145RV only)	PM-11261A	TBA		US\$ 1,150.00		
Mounting Brackets						
- Steel fabricated for MG-5135 A	TBA	26.0	(57)	TBA	TBA	TBA
- Steel fabricated for MG-5135 SC	TBA	30.0	(66)	TBA	TBA	TBA
- Aluminum Casted for MG-5135 RV	TBA	(0)		Included	TBA	TBA
- Aluminum Casted for MG-5135-A/SC (MTU)	TBA			TBA		
- Aluminum Casted for MG-5135-A/SC (MAN)	P-11788/-A			US\$ 558.00		
Service Manuals						
- for MG-5135 A	TBA	---		US\$ 60.00		
- for MG-5135 SC	TBA	---		US\$ 60.00		
- for MG-5135 RV	TBA	---		TBA		

Important Notes:

* Please refer to Genuine Twin Disc Parts Price Book (last printed Oct. 1, 2001) or contact Twin Disc for field installation kit (KS-kit and K-kit) prices.

**REVERSE AND REDUCTION MARINE TRANSMISSIONS
WITH HYDRAULICALLY OPERATED CLUTCHES**

MGX-5135 Series MARINE TRANSMISSIONS					
MODEL AND STANDARD EQUIPMENT	DRAWING NUMBER	RATIO	SAE HSG	WEIGHT kg (Lbs)	LIST PRICE
MGX-5135 A 10° Down Angle, Aluminum Housing, with Following Standard Equipment: - SAE J617 Housing No. 1 OR SAE No. 0 - Flexible Coupling for 14" OR 18" Flywheel (SAE J620 size 355 OR 460): • Silicon Vulkardan E-4911 S OR Centaflex CF-R-268 - GP-Valve (New General Purpose Electric Control Valve) - Manual override for GP-Valve - for emergency operation - Quickshift™ Clutch Technology - Oil Strainer and Oil Filter Mounted	PX-11740	1.25:1 1.53:1 1.79:1 2.00:1 2.52:1	SAE 1 SAE 0	280 (617) 280 (617)	US\$ 16,315 US\$ 16,315
MGX-5135 RV Remote V-Drive, 10° Down Angle, Aluminum Housing with Following Standard Equipment: - Input Flange Size GWB 587.50 (225 mm) - GP-Valve (New General Purpose Electric Control Valve) - Manual override for GP-Valve - for emergency operation - Quickshift™ Clutch Technology - Oil Strainer and Oil Filter Mounted - Aluminum Cast Mounting Brackets with Fasteners	PX-11880	1.25:1 1.53:1 1.79:1 2.00:1 2.52:1	None	258 (568)	US\$ 16,830

Important Notes:

MGX-5135 Series marine transmissions can only be used on engines with right-hand rotation.

**REVERSE AND REDUCTION MARINE TRANSMISSIONS
WITH HYDRAULICALLY OPERATED CLUTCHES**

MGX-5135 Series ACCESSORIES						
DESCRIPTION	DRAWING NUMBER	WEIGHT kg (Lbs)		LIST PRICE ADDER	FIELD KIT	
					NUMBER	LIST PRICE
Torsional Couplings (all Models)						
Silicon Vulkardan E-4911 S for 14" Flywheel (SAE J620 size 355)	1016217	---		included		
Silicon Vulkardan E-4911 S for 18" Flywheel (SAE J620 size 460)	1016215	---		included		
Centaflex CF-R-268 for 14" Flywheel (SAE J620 size 355)		---				
- for MGX-5135 SC		---		included		
- for MGX-5135 A	PX-11704	---		included		
Centaflex CF-R-268 for 18" Flywheel (SAE J620 size 460)		---				
- for MGX-5135 SC		---		included		
- for MGX-5135 A	PX-11705	---		included		
P.T.O.						
Live pump mount PTO - SAE-J-744 size 127-4, 32-4 (ex. SAE C, 4-bolt), max. 593 Nm	PX-11824	11.4	(25)	US\$ 659.00	TBA	
- for MGX-5135 SC		11.4	(25)	US\$ 659.00	KS 757 *	US\$ 659
- for MGX-5135 A		11.4	(25)	US\$ 659.00	TBA	
- for MGX-5135 RV						
PTO Adapter from SAE-J-744 size 127-4, 32-4 (ex. SAE C, 4-bolt) to size 101-4, 22-4 (ex. SAE B, 4-bolt)	XB-2403	2.3	(5)	US\$ 227.00	TBA	
Control Valve						
GP-Valve (General Purpose electric control Valve) with manual override for emergency operation						
- for MGX-5135 SC, MGX-5135 A & MGX-5135 RV	standard	---		included		
Trolling						
Electric trolling - e-Troll controller for electric GP-Valve, incl. input & output speed pickups mounted						
- for MGX-5135 SC, MGX-5135 A & MGX-5135 RV	TBA	---		US\$ 460.00	TBA	TBA
Oil Filter						
Unit mounted oil filter	PM-11652	---		included		
Companion Flange (all Models)						
Companion Flange including bolts and nuts						
- for MGX-5135 A & MGX-5135 RV	PX-11471	19.5	(43)	US\$ 440.00		
- for MGX-5135 SC	PX-11654	19.5	(43)	US\$ 390.00		
Monitoring						
Monitoring kit for remote indication to be used with heat exchanger PM-11261 (incl. fittings) consisting of:						
- Pressure switch on unit / pressure and temperature sensors on heat exchanger PM-11261	various	TBA		TBA	TBA	TBA
Heat Exchanger						
Heat exchanger with thermostatic bypass valve						
- loose supply, no hoses, fittings nor mounting bracket	PM-11261	TBA		US\$ 851.00		
- mounted on unit, hoses, fittings and mounting bracket included	PM-11261	TBA		US\$ 1,150.00		
Mounting Brackets						
- for MGX-5135 SC (steel fabricated mounting brackets)	TBA	TBA		TBA		
- for MGX-5135 A (steel fabricated mounting brackets)	TBA	TBA		TBA		
- for MGX-5135 RV (aluminum casted mounting brackets)	TBA	TBA		included		
- Aluminum Casted for MG-5135-A/SC (MTU)	TBA			TBA		
- Aluminum Casted for MG-5135-A/SC (MAN)	P-11788/-A			US\$ 558.00		
Please contact Twin Disc for OEM specific aluminum casted mounting brackets						
Service Manuals						
- for MGX-5135 A	TBA	---		TBA		
- for MGX-5135 A	TBA	---		TBA		
- for MGX-5135 RV	TBA	---		TBA		

Important Notes:

* Field installation kit numbers are shown for reference only. Shown prices are list price adders for factory installation of respective accessory.

Please refer to Genuine Twin Disc Parts Price Book (last printed Oct. 1, 2001) or contact Twin Disc for field

**REVERSE AND REDUCTION MARINE TRANSMISSIONS
WITH HYDRAULICALLY OPERATED CLUTCHES**

MG-514C Series MARINE TRANSMISSIONS					
MODEL AND STANDARD EQUIPMENT	DRAWING NUMBER	RATIO	SAE HSG	WEIGHT kg (Lbs)	LIST PRICE
MG-514C SC Vertical Offset Marine Transmission with Following Standard Equipment: - SAE J617 Housing No. 0 OR No. 1 - Rubber Block Drive for 14" Flywheel (SAE J620 size 355): - Mechanical Control Valve	X-9784-C	1.51:1	SAE 0	490 (1,079)	US\$ 17,408
		2.00:1			
		2.50:1	SAE 1	490 (1,079)	US\$ 17,312
		3.00:1			
		3.50:1			
MG-514C DC Vertical Offset Marine Transmission with Following Standard Equipment: - SAE J617 Housing No. 0 OR No. 1 - Rubber Block Drive for 14" Flywheel (SAE J620 size 355): - Mechanical Control Valve - Companion Flange ¹⁾	X-9786-C	4.13:1	SAE 0	640 (1,410)	US\$ 18,721
		4.50:1			
		5.16:1	SAE 1	640 (1,410)	US\$ 18,630
		6.00:1			

Important Notes:

Please contact Twin Disc when marine transmission is used on engine with left-hand rotation. A different oil pump installation will be required.

¹⁾ Companion flange is supplied as standard and is included in the price for MG-514C DC. High torque rating at output shaft requires a special output flange/ companion flange assembly.

**REVERSE AND REDUCTION MARINE TRANSMISSIONS
WITH HYDRAULICALLY OPERATED CLUTCHES**

MG-514C Series ACCESSORIES						
DESCRIPTION	DRAWING NUMBER	WEIGHT kg (Lbs)		LIST PRICE ADDER	FIELD KIT	
					NUMBER	LIST PRICE
Torsional Couplings (all Models)						
Non-Silicon Vulkardan E-4010 Series for 14" Flywheel (SAE J620 size 355) ¹⁾	P-9476	---		No Extra		
Silicon Vulkardan E-4011 S for 14" Flywheel (SAE J620 size 355)	P-10532	---		US\$ 190.00		
Centa CF-R-268 for 14" Flywheel (SAE J620 size 355)	PX-11783	---		US\$ 184.00		
P.T.O.						
Mechanical clutchable PTO - for MG-514C SC and MG-514C DC (BOM 36559)	XA-7297-C	42.7	(94)	US\$ 5,420.00	TBA	TBA
No live PTO available						
Control Valve						
Mechanical control valve - for MG-514C SC and MG-514C DC (15.9 bar/230 p.s.i.)	XA-7371-B	---		Standard	KS 522 *	US\$ 536.00
Electric control valve (24 VDC) - for MG-514C SC and MG-514C DC (15.9 bar/230 p.s.i.)	PX-10285	---		US\$ 214.00	KS 412 *	US\$ 784.00
Electric control valve (12 VDC) - for MG-514C SC and MG-514C DC (15.9 bar/230 p.s.i.)	PX-10285	---		US\$ 214.00	KS 411 *	US\$ 784.00
<i>Please note:</i> Rate-of-Rise is standard on all available mechanical and electric selector valves						
Trolling						
Mechanical trolling valve for mechanical selector valve (PX-9975 series) - for MG-514C SC and MG-514C DC	PX-10790	2.7	(6)	US\$ 301.00	KS-498 *	US\$ 412.00
Mechanical trolling valve for electric selector valve - for MG-514C SC and MG-514C DC	PX-10505	2.7	(6)	US\$ 301.00	KS 387 *	US\$ 433.00
Electric trolling valve for electric selector valve (24 VDC) - oil filter MUST be used - for MG-514C SC and MG-514C DC	N/A	---		N/A	N/A	N/A
Oil Filter						
Unit mounted oil filter to be used with electric trolling or with high oil filtration requirements	N/A	---		N/A	N/A	N/A
Companion Flange						
Companion Flange including bolts and nuts - for MG-514C SC (1½" plain bore) - for MG-514C DC	XA-6988-B XB-6163-A	34.1	(75)	US\$ 405.00 Standard		
Monitoring (all Models)						
Pressure gauge (loose)	B-1703-D	0.5	(1)	US\$ 64.00		
Temperature gauge and switch (loose)	B-3424	0.5	(1)	US\$ 119.00		
Heat Exchanger (all Models)						
Heat Exchanger for fresh water cooling - for MG-514C SC and MG-514C DC(loose supply, incl. fittings & hoses, no mounting bracket)	M-1959-H	7.0	(15)	US\$ 842.52	K 93 *	US\$ 842.52
Heat Exchanger for raw water cooling: - for MG-514C SC and MG-514C DC(loose supply, incl. fittings & hoses, no mounting bracket)	M-1959-D	6.8	(15)	US\$ 785.40	K 94 *	US\$ 785.40
Heat exchanger with thermostatic bypass valve - loose supply, no hoses, fittings nor mounting bracket	PM-10685A	TBA		US\$ 564.00	KS 629 *	US\$ 564.00
Mounting Brackets						
- for MG-514C SC (steel fabricated mounting brackets)	1016428-S	17.5	(39)	US\$ 585.00		
- for MG-514C DC (steel fabricated mounting brackets)	1016428-A	11.0	(24)	US\$ 605.00		
Service Manuals						
- for MG-514C SC and MG-514C DC	1015425	---		US\$ 60.00		

Important Notes:

* Please refer to Genuine Twin Disc Parts Price Book (last printed Oct. 1, 2001) or contact Twin Disc for field installation kit (KS-kit and K-kit) prices.

**REVERSE AND REDUCTION MARINE TRANSMISSIONS
WITH HYDRAULICALLY OPERATED CLUTCHES**

MG-5145 Series MARINE TRANSMISSIONS					
MODEL AND STANDARD EQUIPMENT	DRAWING NUMBER	RATIO	SAE HSG	WEIGHT kg (Lbs)	LIST PRICE
MG-5145 SC Vertical Offset, Aluminum Housing, Marine Transmission with Following Standard Equipment: - SAE J617 Housing No. 1 OR SAE No. 0 - Flexible Coupling for 14" OR 18" Flywheel (SAE J620 size 355 OR 460): • Silicon Vulkardan VKE4911S Series • Non-Silicon Centaflex CF-R-318 Series - Mechanical Control Valve	PX-10885	1.03:1 1.20:1 1.48:1 1.75:1 1.96:1 2.50:1	SAE 1 SAE 0	325 (716) 328 (722)	US\$ 21,352 US\$ 21,352
MG-5145 A 10° Down Angle, Aluminum Housing, Marine Transmission with Following Standard Equipment: - SAE J617 Housing No. 1 OR SAE No. 0 - Flexible Coupling for 14" OR 18" Flywheel (SAE J620 size 355 OR 460): • Silicon Vulkardan VKE4911S Series • Non-Silicon Centaflex CF-R-318 Series - Mechanical Control Valve	PX-10830	1.26:1 1.48:1 1.75:1 1.96:1 2.50:1	SAE 1 SAE 0	333 (733) 336 (740)	US\$ 22,145 US\$ 22,145
MG-5145 RV Remote V-Drive, 10° Down Angle, Aluminum Housing, Marine Transmission With the Following Standard Equipment: - Input Flange Size GWB 587.50 (225 mm) - Mechanical Control Valve - Aluminum Cast Mounting Brackets with Fasteners	PX-10880	1.26:1 1.48:1 1.75:1 1.96:1 2.50:1	None	285 (628)	US\$ 22,675

Important Notes:

Twin Disc MG5145 series marine transmissions CANNOT be used on engines with left-hand rotation.

**REVERSE AND REDUCTION MARINE TRANSMISSIONS
WITH HYDRAULICALLY OPERATED CLUTCHES**

MG-5145 Series ACCESSORIES						
DESCRIPTION	DRAWING NUMBER	WEIGHT		LIST PRICE ADDER	FIELD KIT	
		kg	(Lbs)		NUMBER	LIST PRICE
Torsional Couplings (all Models)						
Silicon Vulkardan VKE4911S Series for 14" Flywheel (SAE J620 size 355)	1016217		---	included		
Silicon Vulkardan VKE4911S Series for 18" Flywheel (SAE J620 size 460)	1016215		---	included		
Centaflex CF-R-318 Series for 14" Flywheel (SAE J620 size 355)						
- for 5145 SC	PX-11521		---	included		
- for 5145 A	PX-11518		---	included		
Centaflex CF-R-318 Series for 18" Flywheel (SAE J620 size 460)						
- for 5145 SC	PX-11537		---	included		
- for 5145 A	PX-11536		---	included		
P.T.O.						
Live pump mount PTO - SAE-J-744 size 127-4, 32-4, max. 593 Nm (ex. SAE C, 4-bolt)						
- for MG-5145 A and MG-5145 SC	PX-9768	11.4	(25)	US\$ 659.00	KS-585	US\$ 799.00
- for MG-5145 RV	PX-11485	11.4	(25)	US\$ 659.00	TBA	TBA
Hydraulic Clutchable Pump Mount PTO - SAE-J-744 size 127-4, 32-4, max. 593 Nm (ex. SAE C, 4-bolt)						
- for MG-5145 A and MG-5145 SC	PX-11615-A	27.2	(60)	US\$ 2,415.00	KS-635	TBA
- for MG-5145 RV	TBA	27.2	(60)	US\$ 2,415.00	TBA	TBA
Hydraulic Clutchable PTO, Shaft Drive - SAE-J-744 size 127-4, 32-4, max. 593 Nm (ex. SAE C, 4-bolt)						
- for MG-5145 A and MG-5145 SC	PX-11615	27.2	(60)	US\$ 2,415.00	TBA	TBA
- for MG-5145 RV	TBA	27.2	(60)	US\$ 2,415.00	TBA	TBA
Electric control valve for clutchable PTO (pump drive and shaft drive)	PX-10508		TBA	US\$ 35.00	TBA	TBA
PTO adapter SAE "C" to SAE "B"	XB2403	2.3	(5)	US\$ 227.00	TBA	TBA
Control Valve						
Mechanical control valve (17.24 bar/250 p.s.i.)						
- for MG-5145-A, MG-5145-SC and MG-5145-RV	PX-9975-E		---	Included	KS-640	US\$ 434.00
Electric control valve (17.24 bar/250 p.s.i. - 12/24 VDC)						
- for MG-5145-A, MG-5145-SC and MG-5145-RV	PX-10225-C		---	US\$ 231.00	TBA	TBA
Electric control valve (17.24 bar/250 p.s.i. - 12/24 VDC)						
- for MG-5145-A, MG-5145-SC and MG-5145-RV	PX-10225-C		---	US\$ 231.00	KS-612	US\$ 686.00
<i>Please note:</i> Rate-of-Rise is standard on all available mechanical and electric selector valves						
Trolling Valve						
Mechanical trolling valve for mechanical selector valve						
- for MG-5145-A, MG-5145-SC and MG-5145-RV	PX-8871		TBA	US\$ 294.00	KS 498 *	US\$ 412.00
Mechanical trolling valve for electric selector valve						
- for MG-5145-A, MG-5145-SC and MG-5145-RV	PX-8871-E		TBA	US\$ 294.00	KS 331 *	US\$ 431.00
Electric trolling valve for electric selector valve (24 VDC) - oil filter MUST be used						
- for MG-5145-A, MG-5145-SC and MG-5145-RV	1020230A	2.4	(5)	US\$ 644.00	KS 593 *	US\$ 644.00
Oil Filter						
Unit mounted oil filter to be used with electric trolling or with high oil filtration requirements (PM11652 filter)	PM-11652	2.8	(6)	Included		
Companion Flange (all Models)						
Companion Flange including bolts and nuts						
- for MG-5145 A and MG-5145 RV	1018272	19.5	(43)	US\$ 500.00		
- for MG-5145 SC	PX-11256	19.5	(43)	US\$ 390.00		
Monitoring (all Models)						
Pressure gauge (loose)	B-1703-D	0.5	(1)	US\$ 64.00		
Temperature gauge and switch (loose)	B-3424	0.5	(1)	US\$ 119.00		
Kit to be used with heat exchanger PM-11261:						
- Pressure switch on the unit and Pressure and temperature sensors on the heat exchanger PM11261	TBA			TBA	TBA	TBA
Heat Exchanger (all Models)						
Heat exchanger with thermostatic bypass valve						
- loose supply, no hoses, fittings nor mounting bracket	PM-11261A		TBA	US\$ 851.00		
- mounted on unit, hoses, fittings and mounting bracket included	PM-11261A		TBA	US\$ 1,150.00		
- mounted on unit, hoses, fittings and mounting bracket included (for MG5145RV only)	PM-11261A		TBA	US\$ 1,150.00		
Mounting Brackets						
- Steel fabricated for MG-5145 A	1016428-AS	26.0	(57)	US\$ 710	TBA	TBA
- Steel fabricated for MG-5145 SC	1016428-AS	30.0	(66)	US\$ 710	TBA	TBA
- Aluminum Casted for MG-5145 RV	TBA		(0)	Included	TBA	TBA
- Aluminum Casted for MG-5145-A/SC (MTU)	P-11710/-A			US\$ 985.00		
- Aluminum Casted for MG-5145-A/SC (MAN)	P-11789/-A			US\$ 558.00		
Service Manuals						
- for MG-5145 A	1019901		---	US\$ 60.00		
- for MG-5145 SC	1020223		---	US\$ 60.00		
- for MG-5145 RV	TBA		---	TBA		

Important Notes:

* Please refer to Genuine Twin Disc Parts Price Book (last printed Oct. 1, 2001) or contact Twin Disc for field installation kit (KS-kit and K-kit) prices.

**REVERSE AND REDUCTION MARINE TRANSMISSIONS
WITH HYDRAULICALLY OPERATED CLUTCHES**

MGX-5145 Series MARINE TRANSMISSIONS						
MODEL AND STANDARD EQUIPMENT	DRAWING NUMBER	RATIO	SAE HSG	WEIGHT kg (Lbs)		LIST PRICE
MGX-5145 SC Vertical Offset, Aluminum Housing, with Following Standard Equipment: - SAE J617 Housing No. 1 OR SAE No. 0 - Flexible Coupling for 14" OR 18" Flywheel (SAE J620 size 355 OR 460): • Silicon Vulkardan E-4911 S OR Centaflex CF-R-318 - GP-Valve (New General Purpose Electric Control Valve) - Manual override for GP-Valve - for emergency operation - Quickshift™ Clutch Technology - Oil Strainer and Oil Filter Mounted	PX-11830	1.03:1 1.20:1 1.33:1 1.48:1 1.75:1 1.96:1 2.50:1	SAE 1 SAE 0	325 (716) 328 (722)	US\$ US\$	22,588 22,588
MGX-5145 A 10° Down Angle, Aluminum Housing, with Following Standard Equipment: - SAE J617 Housing No. 1 OR SAE No. 0 - Flexible Coupling for 14" OR 18" Flywheel (SAE J620 size 355 OR 460): • Silicon Vulkardan E-4911 S OR Centaflex CF-R-318 - GP-Valve (New General Purpose Electric Control Valve) - Manual override for GP-Valve - for emergency operation - Quickshift™ Clutch Technology - Oil Strainer and Oil Filter Mounted	PX-11755	1.26:1 1.48:1 1.75:1 1.96:1 2.50:1	SAE 1 SAE 0	333 (733) 336 (740)	US\$ US\$	23,381 23,381
MGX-5145 RV Remote V-Drive, 10° Down Angle, Aluminum Housing with Following Standard Equipment: - Input Flange Size GWB 587.50 (225 mm) - GP-Valve (New General Purpose Electric Control Valve) - Manual override for GP-Valve - for emergency operation - Quickshift™ Clutch Technology - Oil Strainer and Oil Filter Mounted - Aluminum Cast Mounting Brackets with Fasteners	PX-11860	1.26:1 1.48:1 1.75:1 1.96:1 2.50:1	None	285 (628)	US\$	23,911

Important Notes:

MGX-5145 Series marine transmissions can only be used on engines with right-hand rotation.

**REVERSE AND REDUCTION MARINE TRANSMISSIONS
WITH HYDRAULICALLY OPERATED CLUTCHES**

MGX-5145 Series ACCESSORIES						
DESCRIPTION	DRAWING NUMBER	WEIGHT		LIST PRICE ADDER	FIELD KIT	
		kg	(Lbs)		NUMBER	LIST PRICE
Torsional Couplings (all Models)						
Silicon Vulkardan E-4911 S for 14" Flywheel (SAE J620 size 355)	1016217	---		included		
Silicon Vulkardan E-4911 S for 18" Flywheel (SAE J620 size 460)	1016215	---		included		
Centaflex CF-R-318 for 14" Flywheel (SAE J620 size 355)						
- for MGX-5145 SC	PX-11521	---		included		
- for MGX-5145 A	PX-11518	---		included		
Centaflex CF-R-318 for 18" Flywheel (SAE J620 size 460)						
- for MGX-5145 SC	PX-11537	---		included		
- for MGX-5145 A	PX-11536	---		included		
P.T.O.						
Live pump mount PTO - SAE-J-744 size 127-4, 32-4 (ex. SAE C, 4-bolt), max. 593 Nm						
- for MGX-5145 SC	PX-11824	11.4	(25)	US\$ 659.00	KS 757 *	US\$ 659.00
- for MGX-5145 A	PX-11824	11.4	(25)	US\$ 659.00	KS 757 *	US\$ 659.00
- for MGX-5145 RV	PX-11485	11.4	(25)	US\$ 659.00	TBA	
PTO Adapter from SAE-J-744 size 127-4, 32-4 (ex. SAE C, 4-bolt) to size 101-4, 22-4 (ex. SAE B, 4-bolt)	XB-2403	2.3	(5)	US\$ 227.00	TBA	
Control Valve						
GP-Valve (General Purpose electric control Valve) with manual override for emergency operation						
- for MGX-5145 SC, MGX-5145 A & MGX-5145 RV	standard	---		included	TBA	TBA
Trolling						
Electric trolling - E-Troll controller for electric GP-Valve, includes input & output speed pickups mounted						
- for MGX-5145 SC, MGX-5145 A & MGX-5145 RV	TBA	---		US\$ 460.00	TBA	TBA
Oil Filter						
Unit mounted oil filter						
	PM-11652	---		included	TBA	TBA
Companion Flange (all Models)						
Companion Flange including bolts and nuts						
- for MGX-5145 A & MGX-5145 RV	1018272	19.5	(43)	US\$ 500.00	TBA	TBA
- for MGX-5145 SC	PX-11256	19.5	(43)	US\$ 390.00	TBA	TBA
Monitoring						
Monitoring kit for remote indication to be used with heat exchanger PM-11261 (incl. fittings) consisting of:						
- Pressure switch on unit / pressure and temperature sensors on heat exchanger PM-11261	various	TBA		TBA	TBA	TBA
Heat Exchanger						
Heat exchanger with thermostatic bypass valve						
- loose supply, no hoses, fittings nor mounting bracket	PM-11261	TBA		US\$ 851.00		
- mounted on unit, hoses, fittings and mounting bracket included	PM-11261	TBA		US\$ 1,150.00		
Mounting Brackets						
- for MGX-5145 SC (steel fabricated mounting brackets)	TBA	TBA		TBA	TBA	TBA
- for MGX-5145 A (steel fabricated mounting brackets)	TBA	TBA		TBA	TBA	TBA
- for MGX-5145 RV (aluminum casted mounting brackets)	TBA	TBA		included	TBA	TBA
- Aluminum Casted for MG-5145-A/SC (MTU)	P-11710/-A			US\$ 985.00		
- Aluminum Casted for MG-5145-A/SC (MAN)	P-11789/-A			US\$ 860.00		
Please contact Twin Disc for OEM specific aluminum casted mounting brackets						
Service Manuals						
- for MGX-5145 A	TBA	---		TBA		
- for MGX-5145 A	TBA	---		TBA		
- for MGX-5145 RV	TBA	---		TBA		

Important Notes:

* Field installation kit numbers are shown for reference only. Shown prices are list price adders for factory installation of respective accessory.
Please refer to Genuine Twin Disc Parts Price Book (last printed Oct. 1, 2001) or contact Twin Disc for field

**REVERSE AND REDUCTION MARINE TRANSMISSIONS
WITH HYDRAULICALLY OPERATED CLUTCHES**

MGX-5147 Series MARINE TRANSMISSIONS					
MODEL AND STANDARD EQUIPMENT	DRAWING NUMBER	RATIO	SAE HSG	WEIGHT kg (Lbs)	LIST PRICE
MGX-5147 SC Vertical Offset, Aluminum Housing, with Following Standard Equipment: - SAE J617 Housing No. 1 OR SAE No. 0 - Flexible Coupling for 14" OR 18" Flywheel (SAE J620 size 355 OR 460): • Silicon Vulkardan E-4911 S OR Centaflex CF-R-318 - GP-Valve (New General Purpose Electric Control Valve) - Manual override for GP-Valve - for emergency operation - Quickshift™ Clutch Technology - Oil Strainer and Oil Filter Mounted	PX-12010	1.20:1 1.33:1 1.48:1 1.75:1 1.96:1	SAE 1 SAE 0	325 (716) 328 (722)	US\$ 24,130 US\$ 24,130
MGX-5147 A 10° Down Angle, Aluminum Housing, with Following Standard Equipment: - SAE J617 Housing No. 1 OR SAE No. 0 - Flexible Coupling for 14" OR 18" Flywheel (SAE J620 size 355 OR 460): • Silicon Vulkardan E-4911 S OR Centaflex CF-R-318 - GP-Valve (New General Purpose Electric Control Valve) - Manual override for GP-Valve - for emergency operation - Quickshift™ Clutch Technology - Oil Strainer and Oil Filter Mounted	PX-11925	1.26:1 1.48:1 1.75:1 1.96:1	SAE 1 SAE 0	333 (733) 336 (740)	US\$ 24,900 US\$ 24,900
MGX-5147 RV Remote V-Drive, 10° Down Angle, Aluminum Housing with Following Standard Equipment: - Input Flange Size GWB 587.50 (225 mm) - GP-Valve (New General Purpose Electric Control Valve) - Manual override for GP-Valve - for emergency operation - Quickshift™ Clutch Technology - Oil Strainer and Oil Filter Mounted - Aluminum Cast Mounting Brackets with Fasteners	PX-11930	1.26:1 1.48:1 1.75:1 1.96:1	None	285 (628)	US\$ 25,450

Important Notes:

MGX-5145 Series marine transmissions can only be used on engines with right-hand rotation.

**REVERSE AND REDUCTION MARINE TRANSMISSIONS
WITH HYDRAULICALLY OPERATED CLUTCHES**

MGX-5147 Series ACCESSORIES						
DESCRIPTION	DRAWING NUMBER	WEIGHT		LIST PRICE ADDER	FIELD KIT	
		kg	(Lbs)		NUMBER	LIST PRICE
Torsional Couplings (all Models)						
Silicon Vulkardan E-4911 S for 14" Flywheel (SAE J620 size 355)	1016217	---		included		
Silicon Vulkardan E-4911 S for 18" Flywheel (SAE J620 size 460)	1016215	---		included		
Centaflex CF-R-318 for 14" Flywheel (SAE J620 size 355)						
- for MGX-5147 SC	PX-11521	---		included		
- for MGX-5147 A	PX-11518	---		included		
Centaflex CF-R-318 for 18" Flywheel (SAE J620 size 460)						
- for MGX-5147 SC	PX-11537	---		included		
- for MGX-5147 A	PX-11536	---		included		
P.T.O.						
Live pump mount PTO - SAE-J-744 size 127-4, 32-4 (ex. SAE C, 4-bolt), max. 593 Nm						
- for MGX-5147 SC	PX-11824	11.4	(25)	US\$ 659.00	KS 757 *	US\$ 659.00
- for MGX-5147 A	PX-11824	11.4	(25)	US\$ 659.00	KS 757 *	US\$ 659.00
- for MGX-5147 RV	PX-11485	11.4	(25)	US\$ 659.00	TBA	
PTO Adapter from SAE-J-744 size 127-4, 32-4 (ex. SAE C, 4-bolt) to size 101-4, 22-4 (ex. SAE B, 4-bolt)	XB-2403	2.3	(5)	US\$ 227.00	TBA	
Control Valve						
GP-Valve (General Purpose electric control Valve) with manual override for emergency operation						
- for MGX-5147 SC, MGX-5147 A & MGX-5147 RV	standard	---		included	TBA	TBA
Trolling						
Electric trolling - E-Troll controller for electric GP-Valve, includes input & output speed pickups mounted						
- for MGX-5147 SC, MGX-5147 A & MGX-5147 RV	TBA	---		US\$ 460.00	TBA	TBA
Oil Filter						
Unit mounted oil filter	PM-11652	---		included	TBA	TBA
Companion Flange (all Models)						
Companion Flange including bolts and nuts						
- for MGX-5147 A & MGX-5147 RV	1018272	19.5	(43)	US\$ 500.00	TBA	TBA
- for MGX-5147 SC	PX-11256	19.5	(43)	US\$ 390.00	TBA	TBA
Monitoring						
Monitoring kit for remote indication to be used with heat exchanger PM-11261 (incl. fittings) consisting of:						
- Pressure switch on unit / pressure and temperature sensors on heat exchanger PM-11261	various	TBA		TBA	TBA	TBA
Heat Exchanger						
Heat exchanger with thermostatic bypass valve						
- loose supply, no hoses, fittings nor mounting bracket	PM-11261	TBA		US\$ 851.00		
- mounted on unit, hoses, fittings and mounting bracket included	PM-11261	TBA		US\$ 1,150.00		
Mounting Brackets						
- for MGX-5147 SC (steel fabricated mounting brackets)	TBA	TBA		TBA	TBA	TBA
- for MGX-5147 A (steel fabricated mounting brackets)	TBA	TBA		TBA	TBA	TBA
- for MGX-5147 RV (aluminum casted mounting brackets)	TBA	TBA		included	TBA	TBA
- Aluminum Casted for MG-5147-A/SC (MTU)	P-11710/-A			US\$ 985.00		
- Aluminum Casted for MG-5147-A/SC (MAN)	P-11789/-A			US\$ 860.00		
Please contact Twin Disc for OEM specific aluminum casted mounting brackets						
Service Manuals						
- for MGX-5147 A	TBA	---		TBA		
- for MGX-5147 A	TBA	---		TBA		
- for MGX-5147 RV	TBA	---		TBA		

Important Notes:

* Field installation kit numbers are shown for reference only. Shown prices are list price adders for factory installation of respective accessory.
Please refer to Genuine Twin Disc Parts Price Book (last printed Oct. 1, 2001) or contact Twin Disc for field

**REVERSE AND REDUCTION MARINE TRANSMISSIONS
WITH HYDRAULICALLY OPERATED CLUTCHES**

MG-516 Series MARINE TRANSMISSIONS					
MODEL AND STANDARD EQUIPMENT	DRAWING NUMBER	RATIO	SAE HSG	WEIGHT kg (Lbs)	LIST PRICE
MG-516 Vertical Offset, C.I. Housing with Following Standard Equipment: - SAE J617 Housing No. 1 - Flexible Coupling for 14" Flywheel (SAE J620 size 355) • Non-Silicon Vulkan VKE4010 Series (With Emergency Come Home Device) • Non-Silicon Centaflex CF-R-268 (Emergency Come Home Device Standard) - Mechanical Control Valve - Mounted Filter - Pressure Gauge, Temperature Gauge and Switch	XA7470H	3.06:1 3.50:1 4.04:1 4.52:1 5.05:1 6.00:1	SAE 1 *	720 (1,586)	US\$ 20,735.17
MG-516 Vertical Offset, C.I. Housing, Freestanding with Following Standard Equipment: - Input Flange - Without Flexible Coupling or Housing - Mechanical Control Valve - Mounted Filter - Pressure Gauge, Temperature Gauge and Switch	XA7470H	3.06:1 3.50:1 4.04:1 4.52:1 5.05:1 6.00:1	None	700 (1,542)	US\$ 19,986.08

Important Notes:

Please contact Twin Disc when marine transmission is used on engines with left-hand rotation. A different oil pump installation will be required.

*- See note on accessories page

**REVERSE AND REDUCTION MARINE TRANSMISSIONS
WITH HYDRAULICALLY OPERATED CLUTCHES**

MG-516 Series ACCESSORIES						
DESCRIPTION	DRAWING NUMBER	WEIGHT kg (Lbs)		LIST PRICE ADDER	FIELD KIT	
					NUMBER	LIST PRICE
Torsional Couplings						
Centaflex CF-R-268 for 14" Flywheel (SAE J620 size 355)	1019694	23.0	(51)	Included	K1377	US\$1,453.50
Vulkan VKE4011S for 14" Flywheel (SAE J620 size 355) with Emergency Come Home Device	P10532	21.0	(46)	US\$ 322.52	K1373	
Vulkan VKE4011S for 14" Flywheel (SAE J620 size 355) with heavy duty Emergency Come Home Device	P10569	28.0	(62)	US\$ 697.07	K1376	
Vulkan VKE4014 for 14" Flywheel (SAE J620 size 355) with Emergency Come Home Device	P9478	21.0	(46)	Included	K1374	
Vulkan VKE4015 for 14" Flywheel (SAE J620 size 355) with Emergency Come Home Device	P9477	21.0	(46)	Included	K1375	
Vulkan VKE4011S for 14" for 14" Flywheel (SAE J620 size 355) Freestanding (Hub 1019115)	1019116	42.0	(93)	US\$ 8,156.74	K1378	
PTO						
Live Pump Mount PTO - SAE-J-744 size 127-4, 32-4, max. 592 Nm (SAE "C" 4 bolt)	1017177	11.0	(24)	US\$ 1,789.49	40898	US\$1,789.59
Live Pump Mount PTO - SAE-J-744 size 127-4, 38-4, max. 1187 Nm (SAE "C-C" 4 bolt)	1017177	12.0	(26)	US\$ 1,966.41	41030	US\$1,966.41
Hydraulic Clutchable Pump Mount PTO - SAE-J-744 size 127-4, 32-4, max. 592 Nm (SAE "C" 4 bolt)						
- With Mechanical Control Valve (XA7540B)	1017820	57.0	(126)	US\$ 5,287.50	41031	US\$5,287.50
- With Mechanical Control Valve (1017172F)	1017820B	57.0	(126)	US\$ 5,664.69	41062	US\$5,664.69
- With Electric Control Valve (P10508J)	1017820D	57.0	(126)	US\$ 5,518.80	41698	US\$5,518.80
- With Electric Control Valve (1020729)	1017820G	57.0	(126)		42526	
Hydraulic Clutchable Pump Mount PTO - SAE-J-744 size 127-4, 38-4, max. 1187 Nm (SAE "C-C" 4 bolt)						
- With Mechanical Control Valve (XA7540B)	1017820	57.0	(126)	US\$ 5,287.50	40625	US\$5,287.50
- With Mechanical Control Valve (1017172F)	1017820B	57.0	(126)	US\$ 5,718.06	41061	US\$5,718.06
- With Electric Control Valve (P10508J)	1017820D	57.0	(126)		TBA	
- With Electric Control Valve (1020729)	1017820G	57.0	(126)		42528	
Hydraulic Clutchable Shaft Drive PTO - Not Available	NA	---	---	NA		
Control Valve						
Mechanical Control Valve (17.3 bar / 250 p.s.i.)	1020412	---	---	Standard	41966	US\$1,071.61
Electric Control Valve (17.3 bar / 250 p.s.i. - 24V)	1018084-AH	---	---	US\$ 645.05	41171	US\$1,500.26
Electric Control Valve (17.3 bar / 250 p.s.i. - 12V)	1018084-AJ	---	---	US\$ 645.05	41172	US\$1,500.26
GP Control Valve with Profile Module	1020729			US\$ 645.05	42522	
<i>Please note: Rate of Rise is standard on all available mechanical and electrical control valves</i>						
Trolling						
Mechanical trolling valve for mechanical selector valve (XA7371 series)	1020413	2.8	(6)	US\$ 369.27	K1331 **	US\$ 369.27
Mechanical trolling valve for electric selector valve (1018084 series)	1017555	2.7	(6)	US\$ 707.47	40588	US\$ 749.70
Electric trolling valve for electric selector valve (1018084 series)	1018883	2.7	(6)	US\$ 707.47	41063	US\$ 786.02
Etroll Module (required use of 1020729 control valve and speed sensors (42524))	1020583				41995	US\$ 515.68
Oil Filter / Oil Strainer						
Unit mounted filter	B3614A	---	---	Included		
Unit mounted filter required with 1020729 GP Valve	B3614D	---	---			
Remote Mounted Filter Kit	1019824			US\$ 603.43	K1296 **	US\$ 603.43
Alternate Output Flange						
MG516 may be supplied with XA4411C, Alternate Output Flange, giving the MG516 flange-to-flange length the same as that for the X9786C MG514C (DC)	XA7470G	8.6	(19)	US\$ 343.33		
Companion Flange						
Companion Flange including bolts and nuts (Factory Installed)	1017494	54.0	(119)	US\$ 1,009.19		
Monitoring						
Pressure gauge (loose)	B-1703-D		---	Included		
Temperature gauge and switch (loose)	B-3424A	0.5	(1)	Included		
Speed Sensor Group (use with Etroll/EC300)					42524	US\$ 217.77
Heat Exchanger						
- For Raw Water; Water Flow Rate: 30 to 60 gpm, 85° F Max. water temperature	M1959D	14.0	(31)	US\$ 681.46		
- For Fresh Water; Water Flow Rate: 50 to 100 gpm, 165° F Max. water temperature	M1959G	19.0	(42)	US\$ 1,035.20		
- Mounted M1959D Raw Water Heat Exchanger	1019774			US\$ 1,468.49	40530	US\$1,468.49
Consult Twin Disc for Water Temperatures Exceeding 165° F						
Trailing Pump						
- Electric Trailing Pump - Remote Mounted	1016473	28.0	(62)	US\$ 624.24		
Mounting Brackets						
- Steel fabricated mounting brackets for rigid mounting	1016428-B	28.0	(62)	US\$ 615.00		
Adapter Kit						
Metric to NPTF Adapter Kit - (Not Available)	NA					
Service Manual						
- for MG-516	1015426	---		US\$ 60.00		

*Note: SAE#1 to SAE#0 adaptor is available, P/N 8407 or 8407B, depending on flywheel configuration. 8407 adaptor is not compatible with Caterpillar combination 14"/18" flywheel or any 18" flywheel. 8407B is modified to clear flywheel but jumper or 6 point mounting is required.

Important Notes:

** Please refer to Genuine Twin Disc Parts Price Book (last printed Oct. 1, 2001) or contact Twin Disc for field installation kit (KS-kit and K-kit) prices.

**REVERSE AND REDUCTION MARINE TRANSMISSIONS
WITH HYDRAULICALLY OPERATED CLUTCHES**

MG-5170 Series MARINE TRANSMISSIONS					
MODEL AND STANDARD EQUIPMENT	DRAWING NUMBER	RATIO	SAE HSG	WEIGHT kg (Lbs)	LIST PRICE
MG-5170 DC Vertical Offset, C.I. Housing with Following Standard Equipment: - SAE J617 Housing No. 1 OR No. 0 - Flexible Coupling for 14" OR 18" Flywheel (SAE J620 size 355 OR 460) • Non-Silicon Centaflex CF-R-318 (Emergency Come Home Device Standard) - Mechanical Control Valve - Mounted Filter - Pressure Gauge	1017463A	4.06:1	SAE 1	850 (1,872)	US\$ 23,575.46
		4.50:1			
		5.03:1			
		5.95:1	SAE 0	880 (1,938)	US\$ 23,575.46
		6.53:1			
MG-5170 DC Vertical Offset, C.I. Housing, Freestanding with Following Standard Equipment: - Input Flange - Without Flexible Coupling or Housing - Mechanical Control Valve - Mounted Filter - Pressure Gauge	1017463A	6.95:1		770 (1,696)	US\$ 21,432.24
		4.06:1			
		4.50:1			
		5.03:1			
		5.95:1			

Important Notes:

Twin Disc MG5170 series marine transmissions **CANNOT** be used on engines with left-hand rotation.

**REVERSE AND REDUCTION MARINE TRANSMISSIONS
WITH HYDRAULICALLY OPERATED CLUTCHES**

MG-5170 Series ACCESSORIES						
DESCRIPTION	DRAWING NUMBER	WEIGHT		LIST PRICE ADDER	FIELD KIT	
		kg	(Lbs)		NUMBER	LIST PRICE
Torsional Couplings						
Centaflex CF-R-318 for 14" Flywheel (SAE J620 size 355)	1019698	25.0	(55)	Included		
Centaflex CF-R-318 for 18" Flywheel (SAE J620 size 460)	1019699	27.0	(59)	Included		
Vulkan Silicone VKE4911S for 14" Flywheel (SAE J620 size 355)	1016217	37.0	(81)	US\$ 754.29	K1380	US\$2,920.00
Vulkan VKE4911S for 18" Flywheel (SAE J620 size 460)	1016215	41.0	(90)	US\$ 754.29	K1379	US\$2,920.00
Input Flange (Freestanding Hub)	1019735	TBA	TBA	Included	K1381	US\$ 955.00
PTO						
Live Pump Mount PTO - SAE-J-744 size 127-4, 32-4, max. 592 Nm (SAE "C" 4 bolt)	1017177	11.0	(24)	US\$ 1,789.59	40898	US\$1,789.59
Live Pump Mount PTO - SAE-J-744 size 127-4, 38-4, max. 1187 Nm (SAE "C-C" 4 bolt)	1017177	12.0	(26)	US\$ 1,966.41	41030	US\$1,966.41
Hydraulic Clutchable Pump Mount PTO - SAE-J-744 size 127-4, 32-4, max. 592 Nm (SAE "C" 4 bolt)						
- With Mechanical Control Valve (XA7540B)	1017820	57.0	(126)	US\$ 5,287.50	41031	US\$5,287.50
- With Mechanical Control Valve (1017172F)	1017820B	57.0	(126)	US\$ 5,664.69	41062	US\$5,664.69
- With Electric Control Valve (P10508J)	1017820D	57.0	(126)	US\$ 5,518.80	41698	US\$5,518.80
- With Electric Control Valve (1020729)	1017820G	57.0	(126)		42526	
Hydraulic Clutchable Pump Mount PTO - SAE-J-744 size 127-4, 38-4, max. 1187 Nm (SAE "C-C" 4 bolt)						
- With Mechanical Control Valve (XA7540B)	1017820	57.0	(126)	US\$ 5,287.50	40625	US\$5,287.50
- With Mechanical Control Valve (1017172F)	1017820B	57.0	(126)	US\$ 5,718.06	41061	US\$5,718.06
- With Electric Control Valve (P10508J)	1017820D	57.0	(126)		TBA	
- With Electric Control Valve (1020729)	1017820G	57.0	(126)		42528	
Hydraulic Clutchable Shaft Drive PTO - Not Available	NA	---	---	NA		
Control Valve						
Mechanical Control Valve (17.3 bar / 250 p.s.i.)	1020412	---	---	Standard	41966	US\$1,071.61
Electric Control Valve (17.3 bar / 250 p.s.i. - 24V)	1018084-AH	---	---	US\$ 645.05	41171	US\$1,500.26
Electric Control Valve (17.3 bar / 250 p.s.i. - 12V)	1018084-AJ	---	---	US\$ 645.05	41172	US\$1,500.26
GP Control Valve with Profile Module	1020729			US\$ 645.05	42522	
<i>Please note: Rate of Rise is standard on all available mechanical and electrical control valves</i>						
Trolling						
Mechanical trolling valve for mechanical selector valve (XA7371 series)	1020413	2.8	(6)	US\$ 369.27	K1331	US\$ 369.27
Mechanical trolling valve for electric selector valve (1018084 series)	1017555	2.7	(6)	US\$ 707.47	40588	US\$ 749.70
Electric trolling valve for electric selector valve (1018084 series)	1018883	2.7	(6)	US\$ 707.47	41063	US\$ 786.02
Etroll Module (required use of 1020729 control valve and speed sensors (42524))	1020583				41995	US\$ 515.68
Oil Filter / Oil Strainer						
Unit mounted filter	B3614A	---	---	Included		US\$ 67.39
Remote Mounted Filter Kit	1019824			US\$ 603.43	K1296 *	US\$ 603.43
Companion Flange						
Companion Flange including bolts and nuts (Factory Installed)	1017494	54.0	(119)	US\$ 1,009.19		
Monitoring						
Pressure gauge (loose)	B-1703-D	---	---	Included		
Temperature gauge and switch (loose)	B-3424A	0.5	(1)	US\$ 115.45		
Speed Sensor Group (use with Etroll/EC300)					42524	US\$ 217.77
Heat Exchanger						
- For Raw or Fresh Water; Water Flow Rate: 30 to 60 gpm, 130° F Max. water temperature	M1959AQ	19.0	(42)	US\$ 899.95		
Consult Twin Disc for Water Temperatures Exceeding 130° F						
Trailing Pump						
Electric Trailing Pump - Remote Mounted	1016473	27.0	(59)	US\$ 3,054.09		
Mounting Brackets						
- Steel fabricated mounting brackets for rigid mounting	1016428-AD	62.0	(137)	US\$ 635.00		
Adapter Kit						
Metric to NPTF Adapter Kit - (Not Available)	NA					
Service Manual						
- for MG-5170DC	1020667	---	---	US\$ 60		

Important Notes:

* Please refer to Genuine Twin Disc Parts Price Book (last printed Oct. 1, 2001) or contact Twin Disc for field installation kit (KS-kit and K-kit) prices.

**REVERSE AND REDUCTION MARINE TRANSMISSIONS
WITH HYDRAULICALLY OPERATED CLUTCHES**

MG-518-1 Series MARINE TRANSMISSIONS					
MODEL AND STANDARD EQUIPMENT	DRAWING NUMBER	RATIO	SAE HSG	WEIGHT kg (Lbs)	LIST PRICE
MG-518-1 SC Vertical Offset, Cast Iron Housing with Following Standard Equipment: - SAE J617 Housing No. 1 OR No. 0 - Rubber Block Drive for 14" Flywheel (SAE J620 size 355) - Mechanical Control Valve - Mounted Filter - Companion Flange - Pressure Gauge	XA7343A	1.48:1	SAE 1	965 (2,126)	US\$ 26,399.11
		2.00:1			
		2.47:1			
		2.94:1	SAE 0	976 (2,150)	US\$ 26,491.71
MG-518-1 DC Vertical Offset, Cast Iron Housing with Following Standard Equipment: - SAE J617 Housing No. 1 OR No. 0 - Rubber Block Drive for 14" Flywheel (SAE J620 size 355) - Mechanical Control Valve - Mounted Filter - Companion Flange - Pressure Gauge - Pressure Gauge	XA7292A	4.06:1	SAE 1	1,121 (2,469)	US\$ 28,903.35
		4.48:1			
		5.07:1			
		5.92:1			
		6.48:1	SAE 0	1,126 (2,480)	US\$ 28,995.95

Important Notes:

Please contact Twin Disc when marine transmission is used on engine with left-hand rotation. A different oil pump installation will be required.

**REVERSE AND REDUCTION MARINE TRANSMISSIONS
WITH HYDRAULICALLY OPERATED CLUTCHES**

MG-518-1 Series ACCESSORIES					FIELD KIT	
DESCRIPTION	DRAWING NUMBER	WEIGHT kg	(Lbs)	LIST PRICE ADDER	NUMBER	LIST PRICE
Torsional Couplings						
Rubber Block Drive for 14" Flywheel (SAE J620 size 355) w/(26) B3073C	XA7306	---	---	Included		
Rubber Block Drive for 18" Flywheel (SAE J620 size 460) w/(32) B3073A	XA7242B	---	---	US\$ 354.78		
Vulkan Vulastik VL3011S for 14" Flywheel (SAE J620 size 355) w/Emergency Come Home Device	1015468	---	---	US\$ 1,438.87		
Vulkan Vulastik VL3011S for 14" Flywheel (SAE J620 size 355) w/o Emergency Come Home Device	1015469	---	---	US\$ 1,097.62		
Vulkan Vulastik VL3011S for 18" Flywheel (SAE J620 size 460) w/Emergency Come Home Device	1015470	---	---	US\$ 1,438.87		
Vulkan Vulastik VL3011S for 18" Flywheel (SAE J620 size 460) w/o Emergency Come Home Device	1015471	---	---	US\$ 1,097.62		
PTO						
Live Pump Mount PTO - SAE-J744 size 127-4, 32-4, max. 592 Nm (SAE "C" 4 bolt)	XA7377A	8.0	(18)	US\$ 1,179.81		
Hydraulic Clutchable Pump Mount PTO - Not Available	NA					
Hydraulic Clutchable Shaft Drive PTO - Not Available	NA					
Control Valve						
Mechanical Control Valve (11 bar / 160 p.s.i.)	XA7371E	---	---	Standard	TBA	TBA
Electric Control Valve (13.8 bar / 200 p.s.i. - 24V)	PX10285-L	---	---	US\$ 624.24	KS 573 *	US\$1,646.73
Electric Control Valve (13.8 bar / 200 p.s.i. - 12V)	PX10285-L	---	---	US\$ 624.24	KS 572 *	US\$1,646.73
<i>Please note: Rate of Rise is standard on all available mechanical and electrical control valves</i>						
Trolling						
Mechanical trolling valve for mechanical selector valve	XA7373E	2.8	(6)	US\$ 888.44	K649 *	US\$ 888.44
Mechanical trolling valve for electric selector valve	NA					
Electric trolling valve for electric selector valve	NA					
Oil Filter / Oil Strainer						
Mounted filter kit	B3614	---		Included		
Companion Flange						
Companion Flange including bolts and nuts (Factory Installed)	XB6173	90.0	(198)	Included		
Monitoring						
Pressure gauge (loose)	B-1703-D	---		Included		
Temperature gauge and switch (loose)	B-3424	0.5	(1)	US\$ 119.00		
Heat Exchanger						
- Raw Water; Water Flow Rate: 30 to 60 gpm, 85° F Max. water temperature	M1959H	13.0	(29)	US\$ 702.27	TBA	TBA
- Raw Water; with Thermostatic Oil By-Pass Valve	XB2330B	17.0	(37)	US\$ 1,560.60	K487 *	US\$1,560.60
- For Fresh Water; Water Flow Rate: 100 to 175 gpm, 115° F Max. water temperature	M1959U	20.0	(44)	US\$ 1,758.28	TBA	TBA
- For Fresh Water; Water Flow Rate: 50 to 200 gpm, 165° F Max. water temperature	M1959AC	58.0	(128)	US\$ 1,609.50	TBA	TBA
Trailing Pump						
Electric Trailing Pump - Remote Mounted (Trailing Pumps not Available)	NA	---				
Mounting Brackets						
- Steel fabricated mounting brackets for rigid mounting	1016428-AE	59.0	(130)	US\$ 675.00		
Adapter Kit						
Metric to NPTF Adapter Kit (Not Available)	NA	---				
Service Manual						
- for MG-518-1	1015590			US\$ 60.00		

Important Notes:

* Please refer to Genuine Twin Disc Parts Price Book (last printed Oct. 1, 2001) or contact Twin Disc for field installation kit (KS-kit and K-kit) prices.

**REVERSE AND REDUCTION MARINE TRANSMISSIONS
WITH HYDRAULICALLY OPERATED CLUTCHES**

MG-520-1 HP Series MARINE TRANSMISSIONS					
MODEL AND STANDARD EQUIPMENT	DRAWING NUMBER	RATIO	SAE HSG	WEIGHT kg (Lbs)	LIST PRICE
MG-520-1 HP Vertical Offset, C.I. Housing with Following Standard Equipment: - SAE J617 Housing No. 0 - Flexible Coupling for 18" Flywheel (SAE J620 size 460) • Non-Silicon Centaflex CF-R-420 (Emergency Come Home Device Standard) - Mechanical Control Valve - Unit Mounted Oil Filter / Oil Strainer - Pressure Guage	XA7255B	4.49:1 5.00:1 6.11:1 7.00:1 7.42:1	SAE 0	1,562 (3,441)	US\$ 41,616

Important Notes:

Twin Disc MG520-1 HP series transmission **CANNOT** be used on engines with left-hand rotation.

**REVERSE AND REDUCTION MARINE TRANSMISSIONS
WITH HYDRAULICALLY OPERATED CLUTCHES**

MG-520-1 HP Series ACCESSORIES						
DESCRIPTION	DRAWING NUMBER	WEIGHT		LIST PRICE ADDER	FIELD KIT	
		kg	(Lbs)		NUMBER	LIST PRICE
Torsional Couplings						
Centaflex CF-R-420 for 18" Flywheel (SAE J620 size 460)	1019855	33.0	(73)	Included		
Centaflex CF-R-318 for 14" Flywheel (SAE J620 size 355)	1020318	TBA	TBA	Included		
PTO						
Live Pump Mount PTO - SAE-J-744 size 127-4, 32-4, max. 592 Nm (SAE "C" 4 bolt)	XA7377A	8.0	(18)	US\$ 1,179.81		
Control Valve						
Mechanical Control Valve (10.3 bar / 250 p.s.i.)	1017172-M	---	---	Standard	TBA	TBA
Electric Control Valve (17.3 bar / 250 p.s.i. - 24V)	1018084-AH	---	---	US\$ 624.24	41171	US\$1,500.26
Electric Control Valve (17.3 bar / 250 p.s.i. - 12V)	1018084-AJ	---	---	US\$ 624.24	41172	US\$1,500.26
<i>Please note: Rate of Rise is standard on all available mechanical and electrical control valves</i>						
Trolling						
Mechanical trolling valve for mechanical selector valve (1017172 series)	1017546-G	TBA	TBA	US\$ 686.66		
Mechanical trolling valve for electric selector valve (1018084 series)	1017555	TBA	TBA	US\$ 686.66		
Electric trolling valve for electric selector valve (1018084 series)	1017554	TBA	TBA	US\$ 686.66		
Oil Filter / Oil Strainer						
Unit mounted oil filter	---	---		Included		
Companion Flange						
Companion Flange including bolts and nuts	1019857	90.0	(198)	US\$ 1,122.59		
Monitoring						
Pressure gauge (loose)	B-1703-D	---		Included		
Temperature gauge and switch (loose)	B-3424	0.5	(1)	US\$ 119.00		
Heat Exchanger						
- Raw Water; Water Flow Rate: 40 to 60 gpm, 85° F Max. water temperature (Remote Mounted)	M1959R	13.0	(29)	US\$ 1,681.29		
- Fresh Water; Water Flow Rate: 50 to 175 gpm, 165° F Max. water temperature (Remote Mounted)	M1959AC	52.0	(115)	US\$ 1,609.50		
Trailing Pump						
Electric Trailing Pump - Remote Mounted	1016473	27.0	(59)	US\$ 3,054.09		
Mounting Brackets						
- Steel fabricated mounting brackets for rigid mounting	NA					
Adapter Kit						
Metric to NPTF Adapter Kit -	---	---				
Service Manual						
- for MG-520-1 HP	TBA	---		TBA		

Important Notes:

Please refer to Genuine Twin Disc Parts Price Book or contact Twin Disc for field installation kit prices.

**REVERSE AND REDUCTION MARINE TRANSMISSIONS
WITH HYDRAULICALLY OPERATED CLUTCHES**

MG-5200 Series MARINE TRANSMISSIONS						
MODEL AND STANDARD EQUIPMENT	DRAWING NUMBER	RATIO	SAE HSG	WEIGHT kg (Lbs)		LIST PRICE
MG-5202 SC Vertical Offset, C.I. Housing with Following Standard Equipment: - SAE J617 Housing No. 1 OR No. 0 - Flexible Coupling for 14" OR 18" Flywheel (SAE J620 size 355 OR 460) • Non-Silicon Centaflex CF-R-318 (Emergency Come Home Device Standard) • Silicon Vulkardan VKE4911S (Emergency Come Home Device Standard) - Mechanical Control Valve - Pressure Gauge	1016103C 1016103D/E	1.17:1	SAE 1	586	(1,291)	US\$ 23,960.41
		1.33:1				
		1.53:1				
		1.76:1	SAE 0	594	(1,308)	US\$ 23,960.41
		2.03:1				
		2.48:1				
MG-5203 SC Vertical Offset, Aluminum Housing with Following Standard Equipment: - SAE J617 Housing No. 1 OR No. 0 - Flexible Coupling for 14" OR 18" Flywheel (SAE J620 size 355 OR 460) • Non-Silicon Centaflex CF-R-318 (Emergency Come Home Device Standard) • Silicon Vulkardan VKE4911S (Emergency Come Home Device Standard) - Mechanical Control Valve - Pressure Gauge	1016249A 1016249B	1.17:1	SAE 1	410	(903)	US\$ 28,709.84
		1.33:1				
		1.53:1				
		1.76:1	SAE 0	422	(930)	US\$ 27,689.84
		2.03:1				
		2.48:1				
MG-5204 SC Vertical Offset, Aluminum Housing with Following Standard Equipment: - SAE J617 Housing No. 1 OR No. 0 - Flexible Coupling for 14" OR 18" Flywheel (SAE J620 size 355 OR 460) • Non-Silicon Centaflex CF-R-318 (Emergency Come Home Device Standard) • Silicon Vulkardan VKE4911S (Emergency Come Home Device Standard) - Electric Control Valve - Pressure Gauge	1016250B 1016250C	1.17:1	SAE 1	410	(903)	US\$ 32,850.13
		1.33:1				
		1.53:1				
		1.76:1	SAE 0	422	(930)	US\$ 32,580.13
		2.03:1				
		2.48:1				
		2.92:1				
		3.48:1				

Important Notes:

Twin Disc MG5200 series marine transmissions **CANNOT** be used on engines with left-hand rotation.

**REVERSE AND REDUCTION MARINE TRANSMISSIONS
WITH HYDRAULICALLY OPERATED CLUTCHES**

MG-5200 Series ACCESSORIES						
DESCRIPTION	DRAWING NUMBER	WEIGHT		LIST PRICE ADDER	FIELD KIT	
		kg	(Lbs)		NUMBER	LIST PRICE
Torsional Couplings						
Centaflex CF-R-318-HR for 14" Flywheel (SAE J620 size 355)	1019695	25.0	(55)	Included	42404	US\$1,665.67
Centaflex CF-R-318-HR for 18" Flywheel (SAE J620 size 460)	1019696	27.0	(59)	Included	42434	US\$1,682.54
Centaflex CF-R-420-HR for 18" Flywheel (SAE J620 size 460) FOR MG5204SC ONLY	1019719	44.0	(97)	Included	41789	US\$2,519.73
Centaflex CF-R-420-HD for 18" Flywheel (SAE J620 size 460)	1020687	44.0	(97)	US\$ 800.00	42107	US\$3,336.38
Vulkan VKE4911S for 14" Flywheel (SAE J620 size 355) (Optional inertia ring available upon request)	1016217	37.0	(81)	Included	41784	US\$3,129.67
Vulkan VKE4911S for 18" Flywheel (SAE J620 size 460) (Optional inertia ring available upon request)	1016215	41.0	(90)	Included	K1325 *	US\$3,118.40
Input Flange (Freestanding Hub)	1019735A	TBA	TBA	Included	42508	US\$1,636.33
PTO						
Live Pump Mount PTO - SAE-J-744 size 127-4, 32-4, max. 592 Nm (SAE "C" 4 bolt)	XB6243A	11.0	(24)	US\$ 1,611.19	K1133 *	US\$1,611.19
Hydraulic Clutchable Shaft Drive PTO - SAE-J-744 size 127-4, 32-4, max. 415 Nm (SAE "C" 4 bolt)	XA7554	27.0	(59)	TBA	42436	
Hydraulic Clutchable Pump Mount PTO - SAE-J-744 size 127-4, 32-4, max. 415 Nm (SAE "C" 4 bolt)	XA7554A	27.0	(59)	US\$ 5,211.38	42438	US\$5,211.38
1) Hydraulic Clutchable Shaft Drive PTO - SAE-J-744 size 127-4, 32-4, max. 415 Nm (SAE "C" 4 bolt) (MG5204)	XA7554D	27.0	(59)		42597	
1) Hydraulic Clutchable Pump Mount PTO - SAE-J-744 size 127-4, 32-4, max. 415 Nm (SAE "C" 4 bolt) (MG5204)	XA7554E	27.0	(59)		42596	
Control Valve						
Mechanical Control Valve (17.3 bar / 250 p.s.i.)	1020412	---	---	Standard	42490	US\$1,068.89
Electric Control Valve (17.3 bar / 250 p.s.i. - 24V)	1018084-Q	---	---	US\$ 645.05	TBA	TBA
Electric Control Valve (17.3 bar / 250 p.s.i. - 12V)	1018084-AF	---	---	US\$ 645.05	TBA	TBA
Electric Control Valve (20 bar / 290 p.s.i. - 24V) FOR MG5204SC ONLY (see note 2)	1018084-Z	---	---	Standard	41045	TBA
Electric Control Valve (20 bar / 290 p.s.i. - 12V) FOR MG5204SC ONLY (see note 2)	1018084-AG	---	---	Standard	41163	TBA
GP Control Valve with Profile Module	1020729			US\$ 645.05	42532	
<i>Please note: Rate of Rise is standard on all available mechanical and electrical control valves</i>						
Trolling						
Mechanical trolling valve for mechanical selector valve	1020413	2.7	(6)	US\$ 369.27	K1331	US\$ 369.27
Mechanical trolling valve for electric selector valve (1018084 series)	1017555	2.7	(6)	US\$ 749.70	40588	US\$ 749.70
Electric trolling valve for electric selector valve (1018084 series)	1017554	2.7	(6)	US\$ 749.70	40537	US\$ 749.70
Etroll Module (required use of 1020729 control valve and speed sensors (42534))	1020583				41995	US\$ 515.68
Oil Filter / Oil Strainer						
Oil Filter	PM11652					US\$ 105.70
Remote mounted filter kit (For MG5202SC, MG5203SC and MG5204SC)	1019831	---		US\$ 654.70	K1300 *	US\$ 654.70
Companion Flange						
Companion Flange including bolts and nuts (Supplied loose)	1015378	68.0	(150)	US\$ 1,033.04	42420	US\$1,033.04
Monitoring						
Pressure gauge (loose)	B-1703-D	---		Included		
Temperature gauge and switch (loose)	B-3424	0.5	(1)	US\$ 119.00		
Speed Sensor Group (use with Etroll/EC300)					42534	US\$ 217.77
Heat Exchanger						
- For Raw Water; Water Flow Rate: 30 to 55 gpm, 85° F Max. water temperature	M1959AL	14.0	(31)	US\$ 847.93		
- For Fresh Water; Water Flow Rate: 50 to 125 gpm, 165° F Max. water temperature	M1959AK	29.0	(64)	US\$ 1,014.39		
-Mounted M1959AL Raw Water Heat Exchanger (See note 3)	1018542			US\$ 1,754.36	40904	US\$1,754.36
Consult Twin Disc for Water Temperatures Exceeding 130° F						
Trailing Pump						
Electric Trailing Pump - Remote Mounted	1016473	27.0	(59)	US\$ 3,054.09		
Mounting Brackets						
- Steel fabricated mounting brackets for rigid mounting	1016428-Z	78.0	(172)	US\$ 830.00		
Adapter Kit						
Metric to NPTF Adapter Kit - K1096	1015386	0.5	(1)	US\$ 176.87	K1096	US\$ 176.87
Service Manual						
- for MG-5202SC, MG5203SC and MG5204SC	1017462	---		US\$ 60.00		

- 1) - Requires the use of 1020729 control valve
2) - Ditch plate group 42045 may be required if retrofitting a 1018084 series control valve in place of a different valve assembly.
3) - For MG5204SC transmission per assembly 1016250C.

Important Notes:

* Please refer to Genuine Twin Disc Parts Price Book (last printed Oct. 1, 2001) or contact Twin Disc for field installation kit (KS-kit and K-kit) prices.

**REVERSE AND REDUCTION MARINE TRANSMISSIONS
WITH HYDRAULICALLY OPERATED CLUTCHES**

MG-5220 DC Series MARINE TRANSMISSIONS						
MODEL AND STANDARD EQUIPMENT	DRAWING NUMBER	RATIO	SAE HSG	WEIGHT kg (Lbs)		LIST PRICE
MG-5222 DC Vertical Offset, Nodular Iron Housing with Following Standard Equipment: - SAE J617 Housing No. 1 OR No. 0 - Flexible Coupling for 14" OR 18" Flywheel (SAE J620 size 355 OR 460) <ul style="list-style-type: none"> • Non-Silicon Centaflex CF-R-318 (Emergency Come Home Device Standard) • Silicon Vulkardan VKE4911S (Emergency Come Home Device Standard) - Mechanical Control Valve - Pressure Gauge	1020391	4.03:1 4.59:1 5.04:1 6.10:1 6.55:1 6.96:1	SAE 1 SAE 0	1,032	(2,273)	US\$ 28,148.02 US\$ 28,148.02
MG-5222 DC Vertical Offset, Nodular Iron Housing, Freestanding with Following Standard Equipment: - Input Flange - Without Flexible Coupling or Housing - Mechanical Control Valve - Pressure Gauge	1020391	4.03:1 4.59:1 5.04:1 6.10:1 6.55:1 6.96:1	None	945	(2,081)	US\$ 25,879.95
MG-5225 DC Vertical Offset, Nodular Iron Housing with Following Standard Equipment: - SAE J617 Housing No. 1 OR No. 0 - Flexible Coupling for 14" OR 18" Flywheel (SAE J620 size 355 OR 460) <ul style="list-style-type: none"> • Non-Silicon Centaflex CF-R-318 (Emergency Come Home Device Standard) • Silicon Vulkardan VKE4911S (Emergency Come Home Device Standard) - Electric Control Valve - Pressure Gauge	1020390	4.03:1 4.59:1 5.04:1 6.10:1	SAE 1 SAE 0	1,032	(2,273)	US\$ 34,333.20 US\$ 34,333.20

Important Notes:

Twin Disc MG5200DC series marine transmissions **CANNOT** be used on engines with left-hand rotation.

**REVERSE AND REDUCTION MARINE TRANSMISSIONS
WITH HYDRAULICALLY OPERATED CLUTCHES**

MG-5220 DC Series ACCESSORIES					FIELD KIT	
DESCRIPTION	DRAWING NUMBER	WEIGHT kg	(Lbs)	LIST PRICE ADDER	NUMBER	LIST PRICE
Torsional Couplings						
Centaflex CF-R-318 for 14" Flywheel (SAE J620 size 355) For MG5222DC	1019698	25.0	(55)	Included		
Centaflex CF-R-318 for 18" Flywheel (SAE J620 size 460) For MG5222DC	1019699	27.0	(59)	Included		
Centaflex CF-R-318 for 14" Flywheel (SAE J620 size 355) For MG5225DC	1020370	TBA	TBA	Included	41788	
Centaflex CF-R-420 for 18" Flywheel (SAE J620 size 460) For MG5225DC	1019719	TBA	TBA	Included	41789	
1) Vulkan VKE4911S for 14" Flywheel (SAE J620 size 355)	1016217	37.0	(81)	Included	K1380 *	
1) Vulkan VKE4911S for 18" Flywheel (SAE J620 size 460)	1016215	41.0	(90)	Included	K1390 *	
Input Flange for MG5222DC (Freestanding Hub)	1019735	TBA	TBA	Included		
PTO						
Live Pump Mount PTO - SAE-J-744 size 127-2/4, 32-4, max. 592 Nm (SAE "C" 2/4 bolt)	1017177	11.0	(24)	US\$ 1,789.59	40898	US\$1,789.59
Live Pump Mount PTO - SAE-J-744 size 127-2/4, 38-4, max. 1187 Nm (SAE "C-C" 2/4 bolt)	1017177	12.0	(26)	US\$ 1,966.41	41030	US\$1,966.41
Clutchable Pump Mount PTO - SAE-J-744 size 127-2/4, 32-4, max. 592 Nm (SAE "C" 2/4 bolt)						
- with mechanical control valve (XA7540B)	1017820	57.0	(126)	US\$ 5,287.50	41031	US\$5,287.50
- with mechanical control valve (1017172F)	1017820 B	57.0	(126)	US\$ 5,664.69	41062	US\$5,664.69
- with electric control valve (PX10508J)	1017820 D	57.0	(126)	US\$ 5,518.80	41698	US\$5,518.80
Clutchable Pump Mount PTO - SAE-J-744 size 127-2/4, 38-4, max. 1187 Nm (SAE "C-C" 2/4 bolt)						
- with mechanical control valve (XA7540B)	1017820	57.0	(126)	US\$ 5,287.50	40625	US\$5,287.50
- with mechanical control valve (1017172F)	1017820 B	57.0	(126)	US\$ 5,718.09	41061	US\$5,718.09
- with electric control valve (PX10508J)	1017820 D	57.0	(126)		42360	
Control Valve						
Mechanical Control Valve (17.3 bar / 250 p.s.i.) For MG5222DC	1020412	---	---	Standard	41796	US\$1,285.93
Electric Control Valve (17.3 bar / 250 p.s.i. - 24V) For MG5222DC	1018084-W	---	---	US\$ 645.05	40958	US\$1,887.11
Electric Control Valve (17.3 bar / 250 p.s.i. - 12V) For MG5222DC	1018084-AB	---	---	US\$ 645.05	41093	US\$1,500.26
Electric Control Valve (20 bar / 290 p.s.i. - 24V) FOR MG5225DC	1018084-Z	---	---	Standard	41045	US\$1,716.66
Electric Control Valve (20 bar / 290 p.s.i. - 12V) FOR MG5225DC	1018084-AG	---	---	Standard	41163	US\$1,699.47
<i>Please note: Rate of Rise is standard on all available mechanical and electrical control valves</i>						
Trolling						
Mechanical trolling valve for mechanical selector valve (1020412) For MG5222DC	*1020413	TBA	TBA	US\$ 369.27	K1331 *	US\$ 369.27
Mechanical trolling valve for electric selector valve (1018084 series)	1017555	2.7	(6)	US\$ 749.70	40588	US\$ 749.70
Electric trolling valve for electric selector valve (1018084 series) For MG5222DC	1017554	2.7	(6)	US\$ 749.70	40537	US\$ 749.70
Electric trolling valve for electric selector valve (1018084 series) For MG5225DC	1018883	2.7	(6)	US\$ 749.70	41063	US\$ 786.02
* 1020413 is a drawing of control valve and trolling valve assembled						
Oil Filter / Oil Strainer						
Remote mounted filter kit (For MG5222DC and MG5225DC)	1020598	---		US\$ 603.43	K1337 *	US\$ 603.43
Companion Flange						
Companion Flange including bolts and nuts (Factory Installed)	1002312	90.0	(198)	US\$ 1,201.08		
Monitoring						
Pressure gauge (loose)	B-1703-D			Included		
Temperature gauge and switch (loose)	B-3424	0.5	(1)	US\$ 119.00		
Heat Exchanger						
- Raw Water; Water Flow Rate: 30 to 55 gpm, 85° F Max. water temperature (MG5222DC)	M1959AL	14.0	(31)	US\$ 847.93		
- Raw Water; Water Flow Rate: 30 to 55 gpm, 85° F Max. water temperature (MG5225DC)	M1959AN	16.0	(35)	US\$ 2,039.18		
- For Fresh Water; Water Flow Rate: 50 to 125 gpm, 165° F Max. water temperature (MG5222DC)	M1959AK	29.0	(64)	US\$ 1,014.90		
- For Fresh Water; Water Flow Rate: 50 to 125 gpm, 165° F Max. water temperature (MG5225DC)	M1959AM	32.0	(70)	US\$ 2,149.71		
Consult Twin Disc for Water Temperatures Exceeding 130° F						
Trailing Pump						
Electric Trailing Pump - Remote Mounted	1016473	27.0	(59)	US\$ 3,054.09		
Mounting Brackets						
- Steel fabricated mounting brackets for rigid mounting	1016428-Y	63.0	(139)	US\$ 815.00		
Adapter Kit						
Metric to NPTF Adapter Kit - K1090	---	0.5	(1)	US\$ 182.07	K1090 *	US\$ 182
Service Manual						
- for MG-5222DC	1020538			US\$ 60.00		
- for MG-5225DC	1020539	---		US\$ 60.00		

1) - Optional Inertia Ring is available upon request.

K1310 - Soft shift kit

Important Notes:

* Please refer to Genuine Twin Disc Parts Price Book (last printed Oct. 1, 2001) or contact Twin Disc for field installation kit (KS-kit and K-kit) prices.

**REVERSE AND REDUCTION MARINE TRANSMISSIONS
WITH HYDRAULICALLY OPERATED CLUTCHES**

MG-5301 Series MARINE TRANSMISSIONS					
MODEL AND STANDARD EQUIPMENT	DRAWING NUMBER	RATIO	SAE HSG	WEIGHT kg (Lbs)	LIST PRICE
MG-5301 DC Vertical Offset, C.I. Housing with Following Standard Equipment: - SAE J617 Housing No. 0 OR No. 00 - Flexible Coupling for 18" OR 21" Flywheel (SAE J620 size 460 OR 530) • Non-Silicon Centaflex CF-R-520 (Emergency Come Home Device Standard) - Electric Control Valve - Mounted Raw Water Heat Exchanger - Unit Mounted Oil Filter / Oil Strainer - Pressure Gauge	1017020B	3.35:1	SAE 0	1,570 (3,458)	US\$ 46,818.00
		4.06:1 4.42:1 4.96:1 5.96:1 6.39:1			
			SAE 00	1,620 (3,568)	US\$ 47,645.12
MG-5301 DC Vertical Offset, C.I. Housing, Freestanding with Following Standard Equipment: - Input Flange - Without Flexible Coupling or Housing - Electric Control Valve - Mounted Raw Water Heat Exchanger - Unit Mounted Oil Filter / Oil Strainer - Pressure Gauge	1017020B	3.35:1	None	TBA	US\$ 43,072.56
		4.06:1 4.42:1 4.96:1 5.96:1 6.39:1			

Important Notes:

Twin Disc MG5301DC marine transmission **CANNOT** be used on engine with left-hand rotation.

**REVERSE AND REDUCTION MARINE TRANSMISSIONS
WITH HYDRAULICALLY OPERATED CLUTCHES**

MG-5301 Series ACCESSORIES						
DESCRIPTION	DRAWING NUMBER	WEIGHT kg	(Lbs)	LIST PRICE ADDER	FIELD KIT	
					NUMBER	LIST PRICE
Torsional Couplings						
Centaflex CF-R-520 for 18" Flywheel (SAE J620 size 460)	1019717		(0)	Included		
Centaflex CF-R-520 for 21" Flywheel (SAE J620 size 530)	1019718		(0)	Included		
Silicon Vulastik VL3411S Series for 18" Flywheel (SAE J620 size 460) w/o Emergency Come Home Device	1017123		(0)	No extra cost		
Silicon Vulastik VL3411S Series for 18" Flywheel (SAE J620 size 460) w/ Emergency Come Home Device	1017865		(0)	US\$ 853.13		
Silicon Vulastik VL3411S Series for 21" Flywheel (SAE J620 size 530) w/ Emergency Come Home Device	1015475		(0)	US\$ 1,492.97		
Hub for use with Centa Link (Free Standing Unit)	1017769		(0)	Included		
PTO						
Live Pump Mount PTO - SAE-J-744 size 127-2/-4, 38-4, max. 1,187 Nm (SAE "C-C" 2/4 bolt)	1017177A	12.0	(26)	US\$ 1,966.36	41822	US\$1,966.36
Live Pump Mount PTO - SAE-J-744 size 127-2/-4, 32-4, max. 592 Nm (SAE "C" 2/4 bolt)	1017177A	11.0	(24)	US\$ 1,966.36	41821	US\$1,966.36
Clutchable Pump Mount PTO - SAE-J-744 size 127-2/-4, 38-4, max. 1,186 Nm (SAE "C-C" 2/4 bolt)	1017820C	57.0	(126)	US\$ 5,718.06	41167	US\$5,718.06
Clutchable Pump Mount PTO - SAE-J-744 size 127-2/-4, 32-4, max. 592 Nm (SAE "C" 2/4 bolt)	1017820C	57.0	(126)	US\$ 5,664.69	41168	US\$5,664.69
Clutchable Shaft Drive PTO - Not Available	NA					
Control Valve						
Electric Control Valve (24V)	1018084-P			Included	40817	US\$1,560.60
Electric Control Valve (12V)	1018084-Y			Included	41028	US\$1,560.60
Trolling						
Mechanical trolling valve for mechanical selector valve (1017172 series)	1017546-F	2.0	(4)		TBA	TBA
Mechanical trolling valve for electric selector valve (12V) or (24V)	1017555	2.0	(4)	US\$ 749.70	40588	US\$ 749.70
Electric trolling valve for electric selector valve (12V) or (24V)	1017554	2.0	(4)	US\$ 749.70	40537	US\$ 749.70
Oil Filter / Oil Strainer						
Unit mounted oil filter	---	---		Included		
Companion Flange						
Companion Flange including bolts and nuts (Factory Installed)						
- For non-propeller shaft brake applications	1017084	153.0	(337)	US\$ 2,468.20		
- For disc type propeller shaft brake applications	1019642	175.0	(385)	US\$ 3,292.34		
Monitoring						
Pressure gauge (loose)	B-1703-D	---		Included		
Temperature gauge and switch (loose)	B-3424	---		US\$ 119.00		
Heat Exchanger (1)						
- For Raw Water; Water Flow Rate: 35 to 45 gpm, 85° F max. water temperature		---		Included	TBA	TBA
- For Fresh Water; Water Flow Rate: 35 to 45 gpm, 140° F max. water temperature				US\$ 832.32	TBA	TBA
Consult Twin Disc for Water Temperatures Exceeding 140° F						
Trailing Pump						
Electric Trailing Pump - Remote Mounted	1016473	27.0	(59)	US\$ 3,054.09		
Mounting Brackets						
- Steel fabricated mounting brackets for rigid mounting	1016428-AC	71.0	(156)	US\$ 1,375.00		
Adapter Kit						
Metric to NPTF Adapter Kit - K1195 (w / H.E. mounted on unit)	---	2.0	(4)	US\$ 240.30	K1195 *	US\$ 240.30
Metric to NPTF Adapter Kit - K1254 (w / Remote H.E.)	---	2.0	(4)	US\$ 240.30	K1254 *	US\$ 240.30
Service Manual						
- for MG-5301	1020304	---		US\$ 60.00		

Note: 1) List Deduct for standard equipped heat exchanger is \$ 900.00 list.
Soft shift kit K1357

Important Notes:

Please refer to Genuine Twin Disc Parts Price Book (last printed Oct. 1, 2001) or contact Twin Disc for field installation kit (KS-kit and K-kit) prices.

**REVERSE AND REDUCTION MARINE TRANSMISSIONS
WITH HYDRAULICALLY OPERATED CLUTCHES**

MG-540 Series MARINE TRANSMISSIONS					
MODEL AND STANDARD EQUIPMENT	DRAWING NUMBER	RATIO	SAE HSG	WEIGHT kg (Lbs)	LIST PRICE
MG-540 Vertical Offset, C.I. Housing with Following Standard Equipment: - SAE J617 Housing No. 0 - Flexible Coupling for 18" Flywheel (SAE J620 size 460): • Non Silicone Centaflex CF-R-420 (Emergency Come Home Device Standard) - Unit Mounted Oil Filter / Oil Strainer - Pressure Gauge, Temperature Gauge and Switch - Mechanical OR Electric Control Valve - Companion Flange	X-9882-A	1.93:1 2.58:1 2.90:1 3.26:1 3.91:1 4.60:1 5.17:1 6.18:1 7.00:1 7.47:1	SAE "0"	2019 (4,447)	US\$ 68,236.72
MG-540 Vertical Offset, C.I. Housing with Following Standard Equipment: - SAE J617 Housing No. 00 - Flexible Coupling for 21" Flywheel (SAE J620 size 530): • Non Silicone Centaflex CF-R-420 (Emergency Come Home Device Standard) - Unit Mounted Oil Filter / Oil Strainer - Pressure Gauge, Temperature Gauge and Switch - Mechanical OR Electric Control Valve - Companion Flange	X-9942-A	1.71:1 1.93:1 2.59:1 2.90:1 3.26:1 4.60:1 5.17:1 6.18:1	SAE "00"	2105 (4,637)	US\$ 67,971.64

Important Notes:

Please contact Twin Disc when marine transmission is used on engine with left-hand rotation. A different oil pump installation will be required.
Consult MG-540 Drawings for limited input speeds and for free standing MG-540 arrangement.

**REVERSE AND REDUCTION MARINE TRANSMISSIONS
WITH HYDRAULICALLY OPERATED CLUTCHES**

MG-540 Series ACCESSORIES						
DESCRIPTION	DRAWING NUMBER	WEIGHT		LIST PRICE ADDER	FIELD KIT	
		kg	(Lbs)		NUMBER	LIST PRICE
Torsional Couplings						
Centaflex CF-R-420 for 18" Flywheel (SAE J620 size 460) Emergency Come Home Device Standard	1019720	---		Included		
Centaflex CF-R-420 for 21" Flywheel (SAE J620 size 530) Emergency Come Home Device Standard	1019721	---		Included		
Silicon Vulastik VL3411S Series for 18" Flywheel (SAE J620 size 460) w/o Emergency Come Home Device	1015474	---		US\$ 1,942.43		
Silicon Vulastik VL3411S Series for 18" Flywheel (SAE J620 size 460) w/ Emergency Come Home Device	1015473	---		US\$ 2,430.37		
Silicon Vulastik VL3411S Series for 21" Flywheel (SAE J620 size 530) w/o Emergency Come Home Device	1015476	---		US\$ 1,943.47	K1251 *	
Silicon Vulastik VL3411S Series for 21" Flywheel (SAE J620 size 530) w/ Emergency Come Home Device	1015475	---		US\$ 2,055.83	K1250 *	
P.T.O.						
- PTO is not available						
Control Valve						
Mechanical control valve (17.3 bar / 250 p.s.i.)	XB2015A	---		included	41593	US\$1,512.69
Electric control valve (17.3 bar / 250 p.s.i. - 24 VDC)	1020317	---		included	41723	US\$2,590.60
Electric control valve (17.3 bar / 250 p.s.i. - 12 VDC)	1020317A	---		included	41724	US\$2,590.60
<i>Please note:</i> Rate-of-Rise is standard on all available mechanical and electric selector valves						
Trolling						
- Trolling valve is not available	N/A			N/A		
Oil Filter / Oil Strainer						
Unit mounted oil filter				Included		
Companion Flange						
Companion Flange including bolts and nuts	XB-6171			Included		
Monitoring						
Pressure gauge (loose)	B-1703-D	0.5	(1)	Included		
Temperature gauge and switch (loose)	B-3424	0.5	(1)	Included		
Heat Exchanger						
Heat exchanger for fresh water cooling (25-100 gpm, 165° F max.)	XB1618H	30.0	(66)	US\$ 2,305.53	K-110 *	
Heat exchanger for raw water cooling (43-70 gpm, 85° F max.)	XB1618G	28.0	(62)	US\$ 2,712.32	K-109 *	
Mounting Brackets						
- Steel fabricated mounting brackets	1016428-H	52.0	(115)	US\$ 915.00		
Service Manuals						
- for MG-540	1015427	---		US\$ 60.00		

Important Notes:

* Please refer to Genuine Twin Disc Parts Price Book (last printed Oct. 1, 2001) or contact Twin Disc for field installation kit (KS-kit and K-kit) prices.

**REVERSE AND REDUCTION MARINE TRANSMISSIONS
WITH HYDRAULICALLY OPERATED CLUTCHES**

MG-5506 Series MARINE TRANSMISSIONS					
MODEL AND STANDARD EQUIPMENT	DRAWING NUMBER	RATIO	SAE HSG	WEIGHT kg (Lbs)	LIST PRICE
MG-5506 Vertical Offset, Cast Iron Housing with Following Standard Equipment: - SAE J617 Housing No. 0 OR No. 00 - Flexible Coupling (Without Emergency Come Home Device) • Silicon Vulastik L-34D1-S for 18" Flywheel (SAE J620 size 460) • Silicon Vulastik L-4011-S for 21" Flywheel (SAE J620 size 530) - Mechanical Control Valve - Mounted Raw Water Heat Exchanger - Unit Mounted Oil Filter / Oil Strainer - Companion Flange	TBA 7-39253	4.03:1	SAE 0 SAE 00	2,200 (4,846) 2,200 (4,846)	US\$ 82,470 US\$ 80,280
		4.55:1			
		4.96:1			
		5.44:1			
		6.00:1			
MG-5506 - Freestanding Vertical Offset, Cast Iron Housing, Freestanding with Following Standard Equipment: - Input Flange - Mechanical Control Valve - Mounted Raw Water Heat Exchanger - Unit Mounted Oil Filter / Oil Strainer - Companion Flange	TBA	4.03:1 4.55:1 4.96:1 5.44:1 6.00:1	None	TBA	US\$ 67,880

Important Notes:

Please contact Twin Disc when marine transmission is used on engine with left-hand rotation. A different oil pump configuration will be required.

**REVERSE AND REDUCTION MARINE TRANSMISSIONS
WITH HYDRAULICALLY OPERATED CLUTCHES**

MG-5506 Series ACCESSORIES					
DESCRIPTION	DRAWING NUMBER	WEIGHT kg (Lbs)	LIST PRICE ADDER	FIELD KIT	
				NUMBER	LIST PRICE
Torsional Couplings					
Silicon Vulastic L-34D1-S for 18" Flywheel (SAE J620 size 460) w/o Emergency Come Home Device - for MG-5506	TBA	TBA	see unit pricing	TBA	TBA
Silicon Vulastic L-4011-S for 21" Flywheel (SAE J620 size 530) w/o Emergency Come Home Device - for MG-5506	TBA	TBA	see unit pricing	TBA	TBA
Input Flange - for MG-5506	TBA	TBA	see unit pricing	TBA	TBA
PTO					
Live Pump Mount PTO - SAE-J-744 size 127-4, 32-4, max. 592 Nm (SAE "C" 4 bolt) - for MG-5506	TBA	TBA	US\$ 2,400	TBA	TBA
Hydraulic Clutchable Pump Mount PTO - SAE-J-744 size 127-4, 32-4, max. 592 Nm (SAE "C" 4 bolt) - for MG-5506	TBA	TBA	US\$ 8,620	TBA	TBA
Hydraulic Clutchable Shaft Drive PTO - Not Available					
Control Valve					
Mechanical control valve - for MG-5506	TBA	---	Included	TBA	TBA
GP-Valve (General Purpose electric control Valve) with manual override for emergency operation - for MG-5506	TBA	---	US\$ 3,260	TBA	TBA
Please note that the GP-Valve requires a special oil filter (see below)					
Trolling					
Mechanical trolling valve for mechanical control valve - for MG-5506	TBA	---	US\$ 1,080	TBA	TBA
Electric trolling - e-Troll controller for electric GP-Valve, incl. input & output speed pickups mounted - for MG-5506	TBA	---	US\$ 850	TBA	TBA
Mechanical trolling for electric control valve (GP-Valve) - Not Available					
Oil Filter / Oil Strainer					
Unit mounted oil filter - standard version - for MG-5506	Standard	---	Included	TBA	TBA
Unit mounted oil filter - for high filtration requirements - required with electric valve (GP-Valve) - for MG-5506	TBA	---	US\$ 250	TBA	TBA
Double oil filter -- for special classification society requirements - for MG-5506	TBA	---	US\$ 1,630	TBA	TBA
Companion Flange					
Companion Flange including bolts and nuts - for MG-5506	TBA	161.0 (355)	Included	TBA	TBA
Monitoring					
Local pressure gauge (loose)	TBA	---	US\$ 170	TBA	TBA
Local temperature gauge (loose)	TBA	---	US\$ 40	TBA	TBA
Pressure switch	TBA	---	US\$ 250	TBA	TBA
Temperature switch	TBA	---	US\$ 250	TBA	TBA
Oil filter differential pressure switch (loose)	TBA	---	TBA	TBA	TBA
Heat Exchanger					
Mounted raw water heat exchanger - raw water flow 100 liters/minute (26 gpm), max. raw water temperature 32°C (90°F)	TBA	---	Included	TBA	TBA
Trailing Pump					
Output shaft driven trailing pump - for MG-5506	TBA	TBA	US\$ 670	TBA	TBA
Mounting Brackets					
Steel fabricated mounting brackets for rigid mounting - for MG-5506	TBA	TBA	US\$ 1,610	TBA	TBA
Service Manual					
- for MG-5506	TBA	---	TBA		

Important Notes:

Please refer to Genuine Twin Disc Parts Price Book (last printed Oct. 1, 2001) or contact Twin Disc for field installation kit (KS-kit and K-kit) prices.

**REVERSE AND REDUCTION MARINE TRANSMISSIONS
WITH HYDRAULICALLY OPERATED CLUTCHES**

MG-5600 Series MARINE TRANSMISSIONS					
MODEL AND STANDARD EQUIPMENT	DRAWING NUMBER	RATIO	SAE HSG	WEIGHT kg (Lbs)	LIST PRICE
MG-5600 Vertical Offset, C.I. Housing with Following Standard Equipment: - SAE J617 Housing No. 0 OR No. 00 - Flexible Coupling for 18" OR 21" Flywheel (SAE J620 size 460 OR 530) • Non-Silicon Centaflex CF-R-520 (Emergency Come Home Device Standard) - Electric Control Valve - Mounted Heat Exchanger - Unit Mounted Oil Filter / Oil Strainer - Pressure Gauge, Temperature Gauge and Switch - Companion Flange	1015239	2.53:1 2.98:1 3.51:1 4.03:1 5.04:1 6.04:1	SAE 0 SAE 00	3,065 (6,751) 3,125 (6,883)	US\$ 91,794.49 US\$ 91,794.49
MG-5600 Vertical Offset, C.I. Housing, Freestanding with Following Standard Equipment: - Input Flange to fit Centa or Vulkan Coupling - Electric Control Valve - Mounted Heat Exchanger - Unit Mounted Oil Filter / Oil Strainer - Pressure Gauge, Temperature Gauge and Switch - Companion Flange	1016001	2.53:1 2.98:1 3.51:1 4.03:1 5.04:1 6.04:1	None	2,920 (6,432)	US\$ 85,957.85
MG-5600DR Dbl. Red., Vertical Offset, C.I. Housing, Freestanding with Following Standard Equipment: - Input Flange to fit Centa or Vulkan Coupling - Electric Control Valve - Mounted Heat Exchanger - Unit Mounted Oil Filter / Oil Strainer - Pressure Gauge, Temperature Gauge and Switch - Companion Flange	1018100	6.02:1 6.56:1 7.01:1	None	3,465 (7,632)	US\$100,814.76

Important Notes:

Please contact Twin Disc when marine transmission is used on engine with left-hand rotation. A different oil pump installation will be required.

**REVERSE AND REDUCTION MARINE TRANSMISSIONS
WITH HYDRAULICALLY OPERATED CLUTCHES**

MG-5600 Series ACCESSORIES						
DESCRIPTION	DRAWING NUMBER	WEIGHT		LIST PRICE ADDER	FIELD KIT	
		kg	(Lbs)		NUMBER	LIST PRICE
Torsional Couplings						
Centaflex CF-R-520 for 18" Flywheel (SAE J620 size 460)	1019653	64.0	(141)	Included		
Centaflex CF-R-520 for 21" Flywheel (SAE J620 size 530)	1019655	68.0	(150)	Included		
Centa CX-72 for 18" Flywheel (SAE J620 size 460) Free Standing w/Emergency Come Home Device	1016684	205.0	(452)	US\$16,303.07		
Centa CX-72 for 21" Flywheel (SAE J620 size 530) Free Standing w/Emergency Come Home Device	1016686	220.0	(485)	US\$16,303.07		
Vulkan R1721 for 18" Flywheel (SAE J620 size 460) Free Standing w/o Emergency Come Home Device	1016680	94.0	(207)	US\$17,785.64		
Vulkan R1721 for 21" Flywheel (SAE J620 size 530) Free Standing w/o Emergency Come Home Device	1016682	97.0	(214)	US\$17,785.64		
Vulkan R1721 for 18" Flywheel (SAE J620 size 460) Free Standing w/Emergency Come Home Device	1016681	94.0	(207)	US\$20,692.94		
Vulkan R1721 for 21" Flywheel (SAE J620 size 530) Free Standing w/Emergency Come Home Device	1016683	97.0	(214)	US\$20,692.94		
PTO						
Live Pump Mount PTO - SAE-J-744 size 127-2/-4, 32-4, max. 592 Nm (SAE "C" 2/4 bolt)	1016038	11.0	(24)	US\$ 1,773.88	40106	
Control Valve						
Mechanical Control Valve (17.3 bar / 250 p.s.i.)	XA-7108-A	---	---	No Extra Cost	42555	
Electric Control Valve (20 bar / 290 p.s.i. - 24V)	1018084-H	---	---	Standard	40758	
Electric Control Valve (20 bar / 290 p.s.i. - 12V)	1018084-J	---	---	Standard	40761	
GP Control Valve with Profile Module	1020941B				42556	
<i>Please note: Rate of Rise is standard on all available mechanical and electrical control valves</i>						
Trolling						
Mechanical trolling valve for electric selector valve (1018084 series)	1018440-H					
Mechanical trolling valve for electric selector valve (1018084 series)	1018440-J					
Mechanical trolling valve for electric selector valve (1018084 series) For Drawing 1018100	1018440-N					
Oil Filter / Oil Strainer						
Unit mounted oil filter	1020872	---		Included		
Companion Flange						
Companion Flange including bolts and nuts (Factory Installed)						
- For non-propeller shaft brake applications	1018650	---		Included	42383	
- For disc type propeller shaft brake applications	1018651	27.0	(59)	US\$ 3,027.56	42382	
Monitoring						
Pressure gauge (loose)	B-1703-D	---		Included		
Temperature gauge and switch (loose)	B-3424A	---		Included		
Heat Exchanger						
- For Raw or Fresh Water; Water Flow Rate: 30 to 75 gpm, - 130° F Max. Water Temperature	M1959AQ	---		Included		
Consult Twin Disc for Water Temperatures Exceeding 130° F						
Oil By Pass Thermostatic Valve						
Factory installed Oil By Pass Thermostatic Valve	TBA	23.0	(51)	US\$ 1,680.25		
Trailing Pump						
Electric Trailing Pump - Remote Mounted	1016473	27.0	(59)	US\$ 3,054.09		
Mounting Brackets						
- Steel fabricated mounting brackets for rigid mounting	1016428-AA	102.0	(225)	US\$ 1,675.00		
	1016428-AB	120.0	(264)	US\$ 1,805.00		
Adapter Kit						
Metric to NPTF Adapter Kit - K1232	---	---		US\$ 134.61		
Service Manual						
- for MG-5600 and MG5600DR	1020007	---		US\$ 60.00		

Important Notes:

Please refer to Genuine Twin Disc Parts Price Book (last printed Oct. 1, 2001) or contact Twin Disc for field installation kit (KS-kit and K-kit) prices.

**REVERSE AND REDUCTION MARINE TRANSMISSIONS
WITH HYDRAULICALLY OPERATED CLUTCHES**

MG-6449 Series MARINE TRANSMISSIONS						
MODEL AND STANDARD EQUIPMENT	DRAWING NUMBER	RATIO	SAE HSG	WEIGHT kg (Lbs)	LIST PRICE	
MG-6449 A 10° Down Angle, Aluminum Housing with Following Standard Equipment: - SAE J617 Housing No. 1 <u>OR</u> No. 0 - Flexible Coupling for 14" <u>OR</u> 18" Flywheel (SAE J620 size 355 <u>OR</u> 460) • Silicon Vulkardan E-4911-S (Emergency Come Home Device Standard) - GP-Valve (New General Purpose Electric Control Valve) - Manual override for GP-Valve - for emergency operation - Mounted Raw Water Heat Exchanger - Unit Mounted Oil Filter / Oil Strainer	7-37705 7-37931	1.51:1 1.73:1 2.07:1 2.44:1 2.95:1	SAE 1 SAE 0	358 (789) 359 (791)	US\$	31,340 31,930
MG-6449 A - Freestanding 10° Down Angle, Aluminum Housing, Freestanding with Following Standard Equipment: - Input Flange - Without Flexible Coupling or Housing - GP-Valve (New General Purpose Electric Control Valve) - Manual override for GP-Valve - for emergency operation - Mounted Raw Water Heat Exchanger - Unit Mounted Oil Filter / Oil Strainer	TBA	1.51:1 1.73:1 2.07:1 2.44:1 2.95:1	- - -	TBA	US\$	28,130
MG-6449 RV 10° Down Angle, Aluminum Housing, Freestanding, with Following Standard Equipment: - 225 mm GWB Input Flange - GP-Valve (New General Purpose Electric Control Valve) - Manual override for GP-Valve - for emergency operation - Mounted Raw Water Heat Exchanger - Unit Mounted Oil Filter / Oil Strainer	7-37431-A	1.51:1 1.73:1 2.07:1 2.44:1 2.95:1	- - -	295 (650)	US\$	30,400

Important Notes:

Please contact Twin Disc when marine transmission is used on engine with left-hand rotation. A different oil pump configuration will be required.

**REVERSE AND REDUCTION MARINE TRANSMISSIONS
WITH HYDRAULICALLY OPERATED CLUTCHES**

MG-6449 Series ACCESSORIES					
DESCRIPTION	DRAWING NUMBER	WEIGHT kg (Lbs)	LIST PRICE ADDER	FIELD KIT	
				NUMBER	LIST PRICE
Torsional Couplings					
Silicon Vulkardan E-4911-S for 14" Flywheel (SAE J620 size 355) w/ Emergency Come Home Device - for MG-6449 A	3-50167-C	TBA	see unit pricing	TBA	TBA
Silicon Vulkardan E-4911-S for 18" Flywheel (SAE J620 size 460) w/ Emergency Come Home Device - for MG-6449 A	TBA	TBA	see unit pricing	TBA	TBA
Silicon Vulastic L-3411-S for 18" Flywheel (SAE J620 size 460) w/ Emergency Come Home Device - for MG-6449 A	TBA	TBA	US\$ 1,630	TBA	TBA
Input Flange size GWB 587.35 - for MG-6449 RV	3-38620-F	TBA	see unit pricing	TBA	TBA
PTO					
Live Pump Mount PTO - SAE-J-744 size 127-4, 32-4, max. 592 Nm (SAE "C" 4 bolt) - for MG-6449 A - for MG-6449 RV	7-37256 TBA TBA TBA	7.5 (17) 8.0 (18) TBA TBA	US\$ 1,280 US\$ 1,280 TBA TBA	5Z03774 5Z03774-1 5Z03159-4 5Z03159-6	TBA TBA TBA TBA
PTO adapter kit from SAE "C" to SAE "A" for live PTO's PTO adapter kit from SAE "C" to SAE "B" for live PTO's	TBA TBA	TBA TBA	TBA TBA	5Z03775 5Z03775-1	TBA TBA
Hydraulic Clutchable Pump Mount PTO - SAE-J-744 size 127-4, 32-4, max. 592 Nm (SAE "C" 4 bolt) - for MG-6449 A - for MG-6449 RV	7-37257 TBA TBA TBA	48.0 (106) 48.0 (106) TBA TBA	US\$ 4,750 US\$ 4,750 TBA TBA	5Z03775 5Z03775-1 5Z03160-8 5Z03160-9	TBA TBA TBA TBA
PTO adapter kit from SAE "C" to SAE "A" for clutchable PTO's PTO adapter kit from SAE "C" to SAE "B" for clutchable PTO's	TBA TBA	TBA TBA	TBA TBA	5Z03160-8 5Z03160-9	TBA TBA
Hydraulic Clutchable Shaft Drive PTO - Not Available					
Control Valve					
GP-Valve (General Purpose electric control Valve) with manual override for emergency operation - for MG-6449 A and MG-6449 RV	TBA		Included	TBA	TBA
Trolling					
Electric trolling - e-Troll controller for electric GP-Valve, incl. input & output speed pickups mounted - for MG-6449 A and MG-6449 RV	TBA		US\$ 950	TBA	TBA
Oil Filter / Oil Strainer					
Unit mounted oil filter	Standard	---	Included		
Companion Flange					
Companion Flange including bolts and nuts - for MG-6449 A and MG-6449 RV	3-49586-H	31.5 (69)	US\$ 370	5Z03512-1	TBA
Monitoring					
Local pressure gauge (loose)	TBA	---	US\$ 100	TBA	TBA
Local temperature gauge (loose)	TBA	---	US\$ 30	TBA	TBA
Pressure switch	TBA	---	US\$ 170	TBA	TBA
Temperature switch	TBA	---	US\$ 270	TBA	TBA
Oil filter differential pressure switch (loose)	TBA	---	US\$ 130	TBA	TBA
Heat Exchanger					
Integral raw water heat exchanger - raw water flow 60 - 80 liters/minute (16-21 gpm), max. raw water temperature 32°C (90°F)		---	Included	TBA	TBA
Trailing Pump					
Output shaft driven trailing pump - for MG-6449 A and MG-6449 RV	5-49402	2.0 (4)	US\$ 490	5Z05226	TBA
Mounting Brackets					
Steel fabricated mounting brackets for rigid mounting - for MG-6449 A and MG-6449 RV	TBA	TBA	US\$ 630	TBA	TBA
Service Manual					
- for MG-6449 A - for MG-6449 RV	1020666 TBA		US\$ 60 TBA		

Important Notes:

Please refer to Genuine Twin Disc Parts Price Book or contact Twin Disc for field installation kit prices.

**REVERSE AND REDUCTION MARINE TRANSMISSIONS
WITH HYDRAULICALLY OPERATED CLUTCHES**

MG-6557 Series MARINE TRANSMISSIONS						
MODEL AND STANDARD EQUIPMENT	DRAWING NUMBER	RATIO	SAE HSG	WEIGHT kg (Lbs)		LIST PRICE
MG-6557 SC Vertical Offset, Aluminum Housing with Following Standard Equipment: - SAE J617 Housing No. 1 OR No. 0 - Flexible Coupling for 14" OR 18" Flywheel (SAE J620 size 355 OR 460) • Silicon Vulkardan E-4911-S ⁷ (Emergency Come Home Device Standard) - GP-Valve (New General Purpose Electric Control Valve) - Manual override for GP-Valve - for emergency operation - Mounted Raw Water Heat Exchanger - Unit Mounted Oil Filter / Oil Strainer	7-38059 (For SAE#1)	1.07:1 1.30:1 1.50:1 1.66:1 1.74:1 1.97:1 2.04:1	SAE 1	438	(965)	US\$ 33,760
	7-37707 (For SAE#0)	2.45:1 2.82:1 2.93:1	SAE 0	449	(989)	US\$ 34,150
MG-6557 SC - Freestanding Vertical Offset, Aluminum Housing, Freestanding with Following Standard Equipment: - Input Flange - Without Flexible Coupling or Housing - GP-Valve (New General Purpose Electric Control Valve) - Manual override for GP-Valve - for emergency operation - Mounted Raw Water Heat Exchanger - Unit Mounted Oil Filter / Oil Strainer	TBA	1.07:1 1.30:1 1.50:1 1.66:1 1.74:1 1.97:1 2.04:1 2.45:1 2.82:1 2.93:1	- - -	TBA		US\$ 30,370
MG-6557 A 10° Down Angle, Aluminum Housing with Following Standard Equipment: - SAE J617 Housing No. 1 OR No. 0 - Flexible Coupling for 14" OR 18" Flywheel (SAE J620 size 355 OR 460) • Silicon Vulkardan E-4911-S ⁷ (Emergency Come Home Device Standard) - GP-Valve (New General Purpose Electric Control Valve) - Manual override for GP-Valve - for emergency operation - Mounted Intergral Raw Water Heat Exchanger - Unit Mounted Oil Filter / Oil Strainer	7-37934 (For SAE#1)	1.29:1 1.51:1 1.74:1 2.03:1	SAE 1	443	(976)	US\$ 35,730
	7-38008 (For SAE#0)	2.48:1 2.92:1	SAE 0	454	(1,000)	US\$ 36,130
MG-6557 A - Freestanding 10° Down Angle, Aluminum Housing, Freestanding with Following Standard Equipment: - Input Flange - Without Flexible Coupling or Housing - GP-Valve (New General Purpose Electric Control Valve) - Manual override for GP-Valve - for emergency operation - Mounted Intergral Raw Water Heat Exchanger - Unit Mounted Oil Filter / Oil Strainer	TBA	1.29:1 1.51:1 1.74:1 2.03:1 2.48:1 2.92:1	- - -	TBA		US\$ 32,340
MG-6557 RV 10° Remote V-Drive, Aluminum Housing with Following Standard Equipment: - 225 mm GWB Input Flange - GP-Valve (New General Purpose Electric Control Valve) - Manual override for GP-Valve - for emergency operation - Mounted Raw Water Heat Exchanger - Unit Mounted Oil Filter / Oil Strainer	737936	1.29:1 1.51:1 1.74:1 2.03:1 2.48:1 2.92:1	- - -	448	(987)	US\$ 35,500

Important Notes:

Please contact Twin Disc when marine transmission is used on engine with left-hand rotation. A different oil pump configuration will be required.

⁷ Ther maximum rating for the Silicon Vulkardan E-4911-S is 1204 kW (1615 bhp) @ 2300 rpm

**REVERSE AND REDUCTION MARINE TRANSMISSIONS
WITH HYDRAULICALLY OPERATED CLUTCHES**

MG-6557 Series ACCESSORIES					
DESCRIPTION	DRAWING NUMBER	WEIGHT kg (Lbs)	LIST PRICE ADDER	FIELD KIT	
				NUMBER	LIST PRICE
Torsional Couplings					
Silicon Vulkardan E-4911-S for 14" Flywheel (SAE J620 size 355) w/ Emergency Come Home Device - for MG-6557 SC and MG-6557 A	3-49609-A	TBA	see unit pricing	TBA	TBA
Silicon Vulkardan E-4911-S for 18" Flywheel (SAE J620 size 460) w/ Emergency Come Home Device - for MG-6557 SC and MG-6557 A	3-49609-C	TBA	see unit pricing	TBA	TBA
Silicon Vulastic L-3411-S for 18" Flywheel (SAE J620 size 460) w/ Emergency Come Home Device - for MG-6557 SC and MG-6557 A	TBA	TBA	US\$ 1,530	TBA	TBA
Input Flange size GWB 587.35 - for MG-6557 RV	3-50094	TBA	see unit pricing	TBA	TBA
PTO					
Live Pump Mount PTO - SAE-J-744 size 127-4, 32-4, max. 592 Nm (SAE "C" 4 bolt) - for MG-6557 SC and MG-6557 A - for MG-6557 RV	7-37004-A 7-37006-A	8.0 (18) 8.0 (18)	US\$ 1,340 US\$ 1,340	5Z03159 5Z03159-2	TBA TBA
PTO adapter kit from SAE "C" to SAE "A" for live PTO's	TBA	TBA	TBA	5Z03159-4	TBA
PTO adapter kit from SAE "C" to SAE "B" for live PTO's	TBA	TBA	TBA	5Z03159-6	TBA
Hydraulic Clutchable Pump Mount PTO - SAE-J-744 size 127-4, 32-4, max. 592 Nm (SAE "C" 4 bolt) - for MG-6557 SC - for MG-6557 A - for MG-6557 RV	7-37071-B 7-37062-B 7-37063	48.0 (106) 48.0 (106) 48.0 (106)	US\$ 4,940 US\$ 4,940 US\$ 4,940	5Z03160 5Z03160-1 5Z03160-2	TBA TBA TBA
PTO adapter kit from SAE "C" to SAE "A" for clutchable PTO's	TBA	TBA	TBA	5Z03160-8	TBA
PTO adapter kit from SAE "C" to SAE "B" for clutchable PTO's	TBA	TBA	TBA	5Z03160-9	TBA
Hydraulic Clutchable Shaft Drive PTO - Not Available					
Control Valve					
GP-Valve (General Purpose electric control Valve) with manual override for emergency operation - for MG-6557 SC, MG-6557 A and MG-6557 RV	TBA		Included	TBA	TBA
Trolling					
Electric trolling - e-Troll controller for electric GP-Valve, incl. input & output speed pickups mounted - for MG-6557 SC, MG-6557 A and MG-6557 RV	TBA		US\$ 950	TBA	TBA
Oil Filter / Oil Strainer					
Unit mounted oil filter	Standard	---	Included		
Companion Flange					
Companion Flange including bolts and nuts - for MG-6557 SC, MG-6557 A and MG-6557 RV	3-49586-R	52.0 (115)	US\$ 530	5Z03157-4	TBA
Monitoring					
Local pressure gauge (loose)	TBA	---	US\$ 100	TBA	TBA
Local temperature gauge (loose)	TBA	---	US\$ 30	TBA	TBA
Pressure switch	TBA	---	US\$ 180	TBA	TBA
Temperature switch	TBA	---	US\$ 280	TBA	TBA
Oil filter differential pressure switch (loose)	TBA	---	US\$ 140	TBA	TBA
Heat Exchanger					
Integral raw water heat exchanger - raw water flow 60 - 80 liters/minute (16-21 gpm), max. raw water temperature 32°C (90°F)		---	Included	TBA	TBA
Trailing Pump					
Output shaft driven trailing pump - for MG-6557 SC - for MG-6557 A and MG-6557 RV	5-49091 5-49092	2.0 (4) 2.0 (4)	US\$ 500 US\$ 500	5Z03158 5Z03158-1	TBA TBA
Mounting Brackets					
Steel fabricated mounting brackets for rigid mounting - for MG-6557 SC, MG-6557 A and MG-6557 RV	5-50858	TBA	US\$ 820	TBA	TBA
Service Manual					
- for MG-6557 SC - for MG-6557 A - for MG-6557 RV	TBA TBA TBA	--- --- ---	TBA TBA TBA		

Important Notes:

Please refer to Genuine Twin Disc Parts Price Book or contact Twin Disc for field installation kit prices.

**REVERSE AND REDUCTION MARINE TRANSMISSIONS
WITH HYDRAULICALLY OPERATED CLUTCHES**

MG-6598 DC MARINE TRANSMISSIONS					
MODEL AND STANDARD EQUIPMENT	DRAWING NUMBER	RATIO	SAE HSG	WEIGHT kg (Lbs)	LIST PRICE
MG-6598 DC Vertical Offset, Aluminum Housing with Following Standard Equipment: - SAE J617 Housing No. 1 OR No. 0 - Flexible Coupling for 14" OR 18" Flywheel (SAE J620 size 355 OR 460) • Silicon Vulkardan E-4911-S ^{*)} (Emergency Come Home Device Standard) - GP-Valve (New General Purpose Electric Control Valve) - Manual override for GP-Valve - for emergency operation - Mounted Raw Water Heat Exchanger - Unit Mounted Oil Filter / Oil Strainer	7-38063 (For SAE#1)	2.46:1 3.03:1 3.48:1	SAE 1	512 (1,128)	US\$ 41,120
	7-37531 (For SAE#0)	3.93:1 4.29:1	SAE 0	522 (1,150)	US\$ 41,520
MG-6598 DC - Freestanding Vertical Offset, Aluminum Housing, Freestanding with Following Standard Equipment: - Input Flange - Without Flexible Coupling or Housing - GP-Valve (New General Purpose Electric Control Valve) - Manual override for GP-Valve - for emergency operation - Mounted Raw Water Heat Exchanger - Unit Mounted Oil Filter / Oil Strainer	TBA	2.46:1 3.03:1 3.48:1 3.93:1 4.29:1	- - -	TBA	US\$ 37,730

Important Notes:

Please contact Twin Disc when marine transmission is used on engine with left-hand rotation. A different oil pump configuration will be required.

^{*)} Ther maximum rating for the Silicon Vulkardan E-4911-S is 1204 kW (1615 bhp) @ 2300 rpm

**REVERSE AND REDUCTION MARINE TRANSMISSIONS
WITH HYDRAULICALLY OPERATED CLUTCHES**

MG-6598 DC ACCESSORIES					
DESCRIPTION	DRAWING NUMBER	WEIGHT kg (Lbs)	LIST PRICE ADDER	FIELD KIT	
				NUMBER	LIST PRICE
Torsional Couplings					
Silicon Vulkardan E-4911-S for 14" Flywheel (SAE J620 size 355) w/ Emergency Come Home Device - for MG-6598 DC	3-50103	TBA	see unit pricing	TBA	TBA
Silicon Vulkardan E-4911-S for 18" Flywheel (SAE J620 size 460) w/ Emergency Come Home Device - for MG-6598 DC	TBA	TBA	see unit pricing	TBA	TBA
Silicon Vulastic L-3411-S for 18" Flywheel (SAE J620 size 460) w/ Emergency Come Home Device - for MG-6598 DC	3-50110	TBA	US\$ 1,530	TBA	TBA
PTO					
Live Pump Mount PTO - SAE-J-744 size 127-4, 32-4, max. 592 Nm (SAE "C" 4 bolt) - for MG-6598 DC	7-37004-A	8.0 (18)	US\$ 1,340	5Z03159	TBA
PTO adapter kit from SAE "C" to SAE "A" for live PTO's	TBA	TBA	TBA	5Z03159-4	TBA
PTO adapter kit from SAE "C" to SAE "B" for live PTO's	TBA	TBA	TBA	5Z03159-6	TBA
Hydraulic Clutchable Pump Mount PTO - SAE-J-744 size 127-4, 32-4, max. 592 Nm (SAE "C" 4 bolt) - for MG-6598 DC	7-37064-B	48.0 (106)	US\$ 4,940	5Z03160	TBA
PTO adapter kit from SAE "C" to SAE "A" for clutchable PTO's	TBA	TBA	TBA	5Z03160-8	TBA
PTO adapter kit from SAE "C" to SAE "B" for clutchable PTO's	TBA	TBA	TBA	5Z03160-9	TBA
Hydraulic Clutchable Shaft Drive PTO - Not Available					
Control Valve					
GP-Valve (General Purpose electric control Valve) with manual override for emergency operation - for MG-6598 DC	TBA		Included	TBA	TBA
Trolling					
Electric trolling - e-Troll controller for electric GP-Valve, incl. input & output speed pickups mounted - for MG-6598 DC	TBA		US\$ 950	TBA	TBA
Oil Filter / Oil Strainer					
Unit mounted oil filter	Standard	---	Included		
Companion Flange					
Companion Flange including bolts and nuts - for MG-6598 DC	3-49586-A	75.0 (165)	US\$ 840	5Z03157-3	TBA
Monitoring					
Local pressure gauge (loose)	TBA	---	US\$ 100	TBA	TBA
Local temperature gauge (loose)	TBA	---	US\$ 30	TBA	TBA
Pressure switch	TBA	---	US\$ 180	TBA	TBA
Temperature switch	TBA	---	US\$ 280	TBA	TBA
Oil filter differential pressure switch (loose)	TBA	---	US\$ 140	TBA	TBA
Heat Exchanger					
Integral raw water heat exchanger - raw water flow 60 - 80 liters/minute (16-21 gpm), max. raw water temperature 32°C (90°F)		---	Included	TBA	TBA
Trailing Pump					
Output shaft driven trailing pump - for MG-6598 DC	5-49096	2.0 (4)	US\$ 500	5Z03158-5	TBA
Mounting Brackets					
Steel fabricated mounting brackets for rigid mounting - for MG-6598 DC	5-50858-A	TBA	US\$ 820	TBA	TBA
Service Manual					
- for MG-6598 DC	TBA	---	TBA		

Important Notes:

Please refer to Genuine Twin Disc Parts Price Book or contact Twin Disc for field installation kit prices.

The MGX series transmissions are not released for production at this time. Please contact Twin Disc, Inc. for release date

**REVERSE AND REDUCTION MARINE TRANSMISSIONS
WITH HYDRAULICALLY OPERATED CLUTCHES**

MGX-6598 Series MARINE TRANSMISSIONS						
MODEL AND STANDARD EQUIPMENT	DRAWING NUMBER	RATIO	SAE HSG	WEIGHT kg (Lbs)	LIST PRICE	
MGX-6598 SC Vertical Offset, Aluminum Housing with Following Standard Equipment: - SAE J617 Housing No. 1 OR No. 0 - Flexible Coupling for 14" OR 18" Flywheel (SAE J620 size 355 OR 460) • Silicon Vulkardan E-4911-S ^{*)} (Emergency Come Home Device Standard) - GP-Valve (New General Purpose Electric Control Valve) - Manual override for GP-Valve - for emergency operation - Quickshift™ Clutch Technology - Mounted Raw Water Heat Exchanger - Unit Mounted Oil Filter / Oil Strainer	TBA (For SAE#1) TBA (For SAE#0)	1.07:1 1.30:1 1.50:1 1.66:1 1.74:1 1.97:1 2.04:1 2.45:1 2.82:1 2.93:1	SAE 1 SAE 0	490 (1,079) 495 (1,090)	US\$ US\$	36,730 37,140
MGX-6598 SC - Freestanding Vertical Offset, Aluminum Housing, Freestanding with Following Standard Equipment: - Input Flange - Without Flexible Coupling or Housing - GP-Valve (New General Purpose Electric Control Valve) - Manual override for GP-Valve - for emergency operation - Quickshift™ Clutch Technology - Mounted Raw Water Heat Exchanger - Unit Mounted Oil Filter / Oil Strainer	TBA	1.07:1 1.30:1 1.50:1 1.66:1 1.74:1 1.97:1 2.04:1 2.45:1 2.82:1 2.93:1	---	TBA	US\$	33,340
MGX-6598 DC Vertical Offset, Aluminum Housing with Following Standard Equipment: - SAE J617 Housing No. 1 OR No. 0 - Flexible Coupling for 14" OR 18" Flywheel (SAE J620 size 355 OR 460) • Silicon Vulkardan E-4911-S ^{*)} (Emergency Come Home Device Standard) - GP-Valve (New General Purpose Electric Control Valve) - Manual override for GP-Valve - for emergency operation - Quickshift™ Clutch Technology - Mounted Raw Water Heat Exchanger - Unit Mounted Oil Filter / Oil Strainer	TBA (For SAE#1) TBA (For SAE#0)	2.46:1 3.03:1 3.48:1 3.93:1 4.29:1	SAE 1 SAE 0	610 (1,344) 615 (1,355)	US\$ US\$	43,800 44,210
MGX-6598 DC - Freestanding Vertical Offset, Aluminum Housing, Freestanding with Following Standard Equipment: - Input Flange - Without Flexible Coupling or Housing - GP-Valve (New General Purpose Electric Control Valve) - Manual override for GP-Valve - for emergency operation - Quickshift™ Clutch Technology - Mounted Raw Water Heat Exchanger - Unit Mounted Oil Filter / Oil Strainer	TBA	2.46:1 3.03:1 3.48:1 3.93:1 4.29:1	---	TBA	US\$	40,410
MGX-6598 A 10° Down Angle, Aluminum Housing with Following Standard Equipment: - SAE J617 Housing No. 1 OR No. 0 - Flexible Coupling for 14" OR 18" Flywheel (SAE J620 size 355 OR 460) • Silicon Vulkardan E-4911-S ^{*)} (Emergency Come Home Device Standard) - GP-Valve (New General Purpose Electric Control Valve) - Manual override for GP-Valve - for emergency operation - Quickshift™ Clutch Technology - Mounted Raw Water Heat Exchanger - Unit Mounted Oil Filter / Oil Strainer	TBA (For SAE#1) TBA (For SAE#0)	1.29:1 1.51:1 1.74:1 2.03:1 2.48:1 2.92:1	SAE 1 SAE 0	490 (1,079) 495 (1,090)	US\$ US\$	38,910 39,320
MGX-6598 A - Freestanding 10° Down Angle, Aluminum Housing, Freestanding with Following Standard Equipment: - Input Flange - Without Flexible Coupling or Housing - GP-Valve (New General Purpose Electric Control Valve) - Manual override for GP-Valve - for emergency operation - Quickshift™ Clutch Technology - Mounted Raw Water Heat Exchanger - Unit Mounted Oil Filter / Oil Strainer	TBA	1.29:1 1.51:1 1.74:1 2.03:1 2.48:1 2.92:1	---	TBA	US\$	35,520
MGX-6598 RV 10° Remote V-Drive, Aluminum Housing with Following Standard Equipment: - 225 mm GWB Input Flange - GP-Valve (New General Purpose Electric Control Valve) - Manual override for GP-Valve - for emergency operation - Quickshift™ Clutch Technology - Mounted Raw Water Heat Exchanger - Unit Mounted Oil Filter / Oil Strainer	TBA	1.29:1 1.51:1 1.74:1 2.03:1 2.48:1 2.92:1	---	455 (1,002)	US\$	37,430

Important Notes:

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^{*)} Ther maximum rating for the Silicon Vulkardan E-4911-S is 1204 kW (1615 bhp) @ 2300 rpm

The MGX series transmissions are not released for production at this time. Please contact Twin Disc, Inc. for release date

**REVERSE AND REDUCTION MARINE TRANSMISSIONS
WITH HYDRAULICALLY OPERATED CLUTCHES**

MGX-6598 Series ACCESSORIES					
DESCRIPTION	DRAWING NUMBER	WEIGHT kg (Lbs)	LIST PRICE ADDER	FIELD KIT	
				NUMBER	LIST PRICE
Torsional Couplings					
Silicon Vulkardan E-4911-S for 14" Flywheel (SAE J620 size 355) w/ Emergency Come Home Device - for MGX-6598 SC and MGX-6598 A - for MGX-6598 DC	3-49609-A 3-50103	TBA TBA	see unit pricing see unit pricing	TBA TBA	TBA TBA
Silicon Vulkardan E-4911-S for 18" Flywheel (SAE J620 size 460) w/ Emergency Come Home Device - for MGX-6598 SC and MGX-6598 A - for MGX-6598 DC	3-49609-C TBA	TBA TBA	see unit pricing see unit pricing	TBA TBA	TBA TBA
Silicon Vulastic L-3411-S for 18" Flywheel (SAE J620 size 460) w/ Emergency Come Home Device - for MGX-6598 SC and MGX-6598 A - for MGX-6598 DC	TBA 3-50110	TBA TBA	US\$ 1,530 US\$ 1,530	TBA TBA	TBA TBA
Input Flange size GWB 587.35 - for MGX-6598 RV	3-50094	TBA	see unit pricing	TBA	TBA
PTO					
Live Pump Mount PTO - SAE-J-744 size 127-4, 32-4, max. 592 Nm (SAE "C" 4 bolt) - for MGX-6598 SC, MGX-6598 DC and MGX-6598 A - for MGX-6598 RV	7-37004-A 7-37006-A TBA TBA	8.0 (18) 8.0 (18) TBA TBA	US\$ 1,340 US\$ 1,340 TBA TBA	5Z03159 5Z03159-2 5Z03159-4 5Z03159-6	TBA TBA TBA TBA
PTO adapter kit from SAE "C" to SAE "A" for live PTO's PTO adapter kit from SAE "C" to SAE "B" for live PTO's					
Hydraulic Clutchable Pump Mount PTO - SAE-J-744 size 127-4, 32-4, max. 592 Nm (SAE "C" 4 bolt) - for MGX-6598 SC - for MGX-6598 DC - for MGX-6598 A - for MGX-6598 RV	7-37071-B 7-37064-B 7-37062-B 7-37063 TBA TBA	48.0 (106) 48.0 (106) 48.0 (106) 48.0 (106) TBA TBA	US\$ 4,940 US\$ 4,940 US\$ 4,940 US\$ 4,940 TBA TBA	5Z03160 5Z03160 5Z03160 5Z03160-2 5Z03160-8 5Z03160-9	TBA TBA TBA TBA TBA TBA
PTO adapter kit from SAE "C" to SAE "A" for clutchable PTO's PTO adapter kit from SAE "C" to SAE "B" for clutchable PTO's					
Secondary Live pump mount PTO - mounted on gearbox oil pump, SAE-J-744 size 101-4, 22-2 max. 197 Nm (ex. SAE B, 2-bolt) - for MGX-6598 SC, MGX-6598 DC, MGX-6598 A and MGX-6598 RV	TBA	TBA	US\$ 490	TBA	TBA
Secondary Live pump mount PTO - mounted on gearbox oil pump, SAE-J-744 size 82-2, 16-4 max. 35 Nm (ex. SAE A, 2-bolt) - for MGX-6598 SC, MGX-6598 DC, MGX-6598 A and MGX-6598 RV	TBA	TBA	US\$ 490	TBA	TBA
Hydraulic Clutchable Shaft Drive PTO - Not Available					
Control Valve					
GP-Valve (General Purpose electric control Valve) with manual override for emergency operation - for MGX-6598 SC, MGX-6598 DC, MGX-6598 A and MGX-6598 RV	TBA		Included	TBA	TBA
Trolling					
Electric trolling - e-Troll controller for electric GP-Valve, incl. input & output speed pickups mounted - for MGX-6598 SC, MGX-6598 DC, MGX-6598 A and MGX-6598 RV	TBA		US\$ 950	TBA	TBA
Oil Filter / Oil Strainer					
Unit mounted oil filter	Standard	---	Included		
Companion Flange					
Companion Flange including bolts and nuts - for MGX-6598 SC, MGX-6598 A and MGX-6598 RV - for MGX-6598 DC	3-49586-R 3-49586-A	52.0 (115) 75.0 (165)	US\$ 530 US\$ 840	5Z03157-4 5Z03157-3	TBA TBA
Monitoring					
Local pressure gauge (loose)	TBA	---	US\$ 100	TBA	TBA
Local temperature gauge (loose)	TBA	---	US\$ 30	TBA	TBA
Pressure switch	TBA	---	US\$ 180	TBA	TBA
Temperature switch	TBA	---	US\$ 280	TBA	TBA
Oil filter differential pressure switch (loose)	TBA	---	US\$ 140	TBA	TBA
Heat Exchanger					
Integral raw water heat exchanger - raw water flow 60 - 80 liters/minute (16-21 gpm), max. raw water temperature 32°C (90°F)		---	Included	TBA	TBA
Trailing Pump					
Output shaft driven trailing pump - for MGX-6598 SC - for MGX-6598 DC - for MGX-6598 A and MGX-6598 RV	5-49091 5-49096 5-49092	2.0 (4) 2.0 (4) 2.0 (4)	US\$ 500 US\$ 500 US\$ 500	5Z03158 5Z03158-5 5Z03158-1	TBA TBA TBA
Mounting Brackets					
Steel fabricated mounting brackets for rigid mounting - for MGX-6598 SC, MGX-6598 A and MGX-6598 RV - for MGX-6598 DC	5-50858 5-50858-A	TBA TBA	US\$ 820 US\$ 820	TBA TBA	TBA TBA
Service Manual					
- for MGX-6598 SC - for MGX-6598 DC - for MGX-6598 A - for MGX-6598 RV	TBA TBA TBA TBA	--- --- --- ---	TBA TBA TBA TBA		

Important Notes:

Please refer to Genuine Twin Disc Parts Price Book or contact Twin Disc for field installation kit prices.

The MGX series transmissions are not released for production at this time. Please contact Twin Disc, Inc. for release date

**REVERSE AND REDUCTION MARINE TRANSMISSIONS
WITH HYDRAULICALLY OPERATED CLUTCHES**

MG-6600 DC MARINE TRANSMISSIONS					
MODEL AND STANDARD EQUIPMENT	DRAWING NUMBER	RATIO	SAE HSG	WEIGHT kg (Lbs)	LIST PRICE
MG-6600 DC Vertical Offset, Aluminum Housing with Following Standard Equipment: - SAE J617 Housing No. 0 - Flexible Coupling for 18" Flywheel (SAE J620 size 460) • Silicon Vulastik L-3411-S (Without Emergency Come Home Device) - GP-Valve (New General Purpose Electric Control Valve) - Manual override for GP-Valve - for emergency operation - Mounted Intergral Raw Water Heat Exchanger - Unit Mounted Oil Filter / Oil Strainer	7-37940 (For SAE#0)	3.30:1 4.11:1 4.68:1 4.72:1 5.21:1 6.05:1	SAE 0	855 (1,883)	US\$ 60,000
MG-6600 DC - Freestanding Vertical Offset, Aluminum Housing, Freestanding with Following Standard Equipment: - Input Flange - Without Flexible Coupling or Housing - GP-Valve (New General Purpose Electric Control Valve) - Manual override for GP-Valve - for emergency operation - Mounted Intergral Raw Water Heat Exchanger - Unit Mounted Oil Filter / Oil Strainer	TBA	3.30:1 4.11:1 4.68:1 4.72:1 5.21:1 6.05:1	- - -	TBA	US\$ 55,490

Important Notes:

Please contact Twin Disc when marine transmission is used on engine with left-hand rotation. A different oil pump configuration will be required.

**REVERSE AND REDUCTION MARINE TRANSMISSIONS
WITH HYDRAULICALLY OPERATED CLUTCHES**

MG-6600 DC ACCESSORIES					
DESCRIPTION	DRAWING NUMBER	WEIGHT kg (Lbs)	LIST PRICE ADDER	FIELD KIT	
				NUMBER	LIST PRICE
Torsional Couplings					
Silicon Vulastic L-3411-S for 18" Flywheel (SAE J620 size 460) w/o Emergency Come Home Device - for MG-6600 DC	3-49631	TBA	see unit pricing	TBA	TBA
PTO					
Live Pump Mount PTO - SAE-J-744 size 127-4, 32-4, max. 592 Nm (SAE "C" 4 bolt) - for MG-6600 DC	7-37005	8.0 (18)	US\$ 630	5Z03159-1	TBA
PTO adapter kit from SAE "C" to SAE "A" for live PTO's	TBA	TBA	TBA	5Z03159-4	TBA
PTO adapter kit from SAE "C" to SAE "B" for live PTO's	TBA	TBA	TBA	5Z03159-6	TBA
Hydraulic Clutchable Pump Mount PTO - SAE-J-744 size 127-4, 32-4, max. 592 Nm (SAE "C" 4 bolt) - for MG-6600 DC	7-37067	48.0 (106)	US\$ 4,210	5Z03160-6	TBA
PTO adapter kit from SAE "C" to SAE "A" for clutchable PTO's	TBA	TBA	TBA	5Z03160-8	TBA
PTO adapter kit from SAE "C" to SAE "B" for clutchable PTO's	TBA	TBA	TBA	5Z03160-9	TBA
Hydraulic Clutchable Shaft Drive PTO - Not Available					
Control Valve					
GP-Valve (General Purpose electric control <u>Valve</u>) with manual override for emergency operation - for MG-6600 DC	TBA		Included	TBA	TBA
Trolling					
Electric trolling - e-Troll controller for electric GP-Valve, incl. input & output speed pickups mounted - for MG-6600 DC	TBA		US\$ 950	TBA	TBA
Oil Filter / Oil Strainer					
Unit mounted oil filter	Standard	---	Included		
Companion Flange					
Companion Flange including bolts and nuts - for MG-6600 DC	3-49586-C	120.0 (264)	US\$ 1,300	5Z03157-2	TBA
Monitoring					
Local pressure gauge (loose)	TBA	---	US\$ 100	TBA	TBA
Local temperature gauge (loose)	TBA	---	US\$ 30	TBA	TBA
Pressure switch	TBA	---	US\$ 180	TBA	TBA
Temperature switch	TBA	---	US\$ 280	TBA	TBA
Oil filter differential pressure switch (loose)	TBA	---	US\$ 140	TBA	TBA
Heat Exchanger					
Integral raw water heat exchanger - raw water flow 60 - 80 liters/minute (16-21 gpm), max. raw water temperature 32°C (90°F)		---	Included	TBA	TBA
Trailing Pump					
Output shaft driven trailing pump - for MG-6600 DC	5-49095	7.0 (15)	US\$ 1,140	5Z03158-4	TBA
Mounting Brackets					
Steel fabricated mounting brackets for rigid mounting - for MG-6600 DC	TBA	TBA	US\$ 1,170	TBA	TBA
Service Manual					
- for MG-6600 DC	TBA	---	TBA		

Important Notes:

Please refer to Genuine Twin Disc Parts Price Book or contact Twin Disc for field installation kit prices.

**REVERSE AND REDUCTION MARINE TRANSMISSIONS
WITH HYDRAULICALLY OPERATED CLUTCHES**

MG-6619 Series MARINE TRANSMISSIONS						
MODEL AND STANDARD EQUIPMENT	DRAWING NUMBER	RATIO	SAE HSG	WEIGHT kg (Lbs)	LIST PRICE	
MG-6619 SC Vertical Offset, Aluminum Housing with Following Standard Equipment: - SAE J617 Housing No. 0 - Flexible Coupling for 18" Flywheel (SAE J620 size 460) • Silicon Vulastik L-3411-S (Without Emergency Come Home Device) - GP-Valve (New General Purpose Electric Control Valve) - Manual override for GP-Valve - for emergency operation - Mounted Raw Water Heat Exchanger - Unit Mounted Oil Filter / Oil Strainer	7-37668 (For SAE#0)	1.06:1 1.33:1 1.53:1 1.73:1 2.03:1 2.44:1 2.72:1 2.93:1	SAE 0	570 (1,256)	US\$ 42,500	
MG-6619 SC - Freestanding Vertical Offset, Aluminum Housing, Freestanding with Following Standard Equipment: - Input Flange - Without Flexible Coupling or Housing - GP-Valve (New General Purpose Electric Control Valve) - Manual override for GP-Valve - for emergency operation - Mounted Raw Water Heat Exchanger - Unit Mounted Oil Filter / Oil Strainer	TBA	1.06:1 1.33:1 1.53:1 1.73:1 2.03:1 2.44:1 2.72:1 2.93:1	- - -	TBA	US\$ 37,990	
MG-6619 A 10° Down Angle, Aluminum Housing with Following Standard Equipment: - SAE J617 Housing No. 0 - Flexible Coupling for 18" Flywheel (SAE J620 size 460) • Silicon Vulastik L-3411-S (Without Emergency Come Home Device) - GP-Valve (New General Purpose Electric Control Valve) - Manual override for GP-Valve - for emergency operation - Mounted Raw Water Heat Exchanger - Unit Mounted Oil Filter / Oil Strainer	7-37540 (For SAE#0)	1.55:1 1.72:1 2.09:1 2.42:1 2.73:1 2.95:1	SAE 0	580 (1,278)	US\$ 43,800	
MG-6619 A - Freestanding 10° Down Angle, Aluminum Housing, Freestanding with Following Standard Equipment: - Input Flange - Without Flexible Coupling or Housing - GP-Valve (New General Purpose Electric Control Valve) - Manual override for GP-Valve - for emergency operation - Mounted Raw Water Heat Exchanger - Unit Mounted Oil Filter / Oil Strainer	TBA	1.55:1 1.72:1 2.09:1 2.42:1 2.73:1 2.95:1	- - -	TBA	US\$ 39,290	
MG-6619 RV 10° Remote V-Drive, Aluminum Housing with Following Standard Equipment: - 225 mm GWB Input Flange - GP-Valve (New General Purpose Electric Control Valve) - Manual override for GP-Valve - for emergency operation - Mounted Raw Water Heat Exchanger - Unit Mounted Oil Filter / Oil Strainer	7-37938	1.55:1 1.72:1 2.09:1 2.42:1 2.73:1 2.95:1	- - -	515 (1,134)	US\$ 43,800	

Important Notes:

Please contact Twin Disc when marine transmission is used on engine with left-hand rotation. A different oil pump configuration will be required.

**REVERSE AND REDUCTION MARINE TRANSMISSIONS
WITH HYDRAULICALLY OPERATED CLUTCHES**

MG-6619 Series ACCESSORIES					
DESCRIPTION	DRAWING NUMBER	WEIGHT kg (Lbs)	LIST PRICE ADDER	FIELD KIT	
				NUMBER	LIST PRICE
Torsional Couplings					
Silicon Vulastic L-3411-S for 18" Flywheel (SAE J620 size 460) w/o Emergency Come Home Device - for MG-6619 SC and MG-6619 A	3-49666	TBA	see unit pricing	TBA	TBA
Input Flange size GWB 587.35 - for MG-6619 RV	3-50149	TBA	see unit pricing	TBA	TBA
PTO					
Live Pump Mount PTO - SAE-J-744 size 127-4, 32-4, max. 592 Nm (SAE "C" 4 bolt) - for MG-6619 SC and MG-6619 A - for MG-6619 RV	7-37005 7-37007 TBA TBA	5.0 (18) 8.0 (18) TBA TBA	US\$ 630 US\$ 1,290 TBA TBA	5Z03159-1 5Z03159-3 5Z03159-5 5Z03159-7	TBA TBA TBA TBA
PTO adapter kit from SAE "C" to SAE "A" for live PTO's PTO adapter kit from SAE "C" to SAE "B" for live PTO's	TBA TBA	TBA TBA	TBA TBA		
Hydraulic Clutchable Pump Mount PTO - SAE-J-744 size 127-4, 32-4, max. 592 Nm (SAE "C" 4 bolt) - for MG-6619 SC and MG-6619 A - for MG-6619 RV	7-37065-B 7-37066 TBA TBA	43.0 (95) 43.0 (95) TBA TBA	US\$ 4,210 US\$ 4,930 TBA TBA	5Z03160-3 5Z03160-5 5Z03160-8 5Z03160-9	TBA TBA TBA TBA
PTO adapter kit from SAE "C" to SAE "A" for clutchable PTO's PTO adapter kit from SAE "C" to SAE "B" for clutchable PTO's	TBA TBA	TBA TBA	TBA TBA		
Hydraulic Clutchable Shaft Drive PTO - Not Available					
Control Valve					
GP-Valve (General Purpose electric control Valve) with manual override for emergency operation - for MG-6619 SC, MG-6619 A and MG-6619 RV	TBA		Included	TBA	TBA
Trolling					
Electric trolling - e-Troll controller for electric GP-Valve, incl. input & output speed pickups mounted - for MG-6619 SC, MG-6619 A and MG-6619 RV	TBA		US\$ 950	TBA	TBA
Oil Filter / Oil Strainer					
Unit mounted oil filter	Standard	---	Included		
Companion Flange					
Companion Flange including bolts and nuts - for MG-6619 SC, MG-6619 A and MG-6619 RV	3-49586-B	65.0 (143)	US\$ 770	5Z03157-1	TBA
Monitoring					
Local pressure gauge (loose)	TBA	---	US\$ 100	TBA	TBA
Local temperature gauge (loose)	TBA	---	US\$ 30	TBA	TBA
Pressure switch	TBA	---	US\$ 180	TBA	TBA
Temperature switch	TBA	---	US\$ 280	TBA	TBA
Oil filter differential pressure switch (loose)	TBA	---	US\$ 140	TBA	TBA
Heat Exchanger					
Integral raw water heat exchanger - raw water flow 60 - 80 liters/minute (16-21 gpm), max. raw water temperature 32°C (90°F)		---	Included	TBA	TBA
Trailing Pump					
Output shaft driven trailing pump - for MG-6619 SC - for MG-6619 A and MG-6619 RV	5-49093 5-49094	4.0 (9) 4.0 (9)	US\$ 500 US\$ 500	5Z03158-2 5Z03158-3	TBA TBA
Mounting Brackets					
Steel fabricated mounting brackets for rigid mounting - for MG-6619 SC, MG-6619 A and MG-6619 RV	5-50858-D	TBA	US\$ 1,170	TBA	TBA
Service Manual					
- for MG-6619 SC - for MG-6619 A - for MG-6619 RV	TBA TBA TBA	--- --- ---	TBA TBA TBA		

Important Notes:

Please refer to Genuine Twin Disc Parts Price Book or contact Twin Disc for field installation kit prices.

**REVERSE AND REDUCTION MARINE TRANSMISSIONS
WITH HYDRAULICALLY OPERATED CLUTCHES**

MG-6620 A MARINE TRANSMISSIONS					
MODEL AND STANDARD EQUIPMENT	DRAWING NUMBER	RATIO	SAE HSG	WEIGHT kg (Lbs)	LIST PRICE
MG-6620 A 10° Down Angle, Aluminum Housing with Following Standard Equipment: - SAE J617 Housing No. 0 - Flexible Coupling for 18" Flywheel (SAE J620 size 460) • Silicon Vulastik L-3411-S (Without Emergency Come Home Device) - GP-Valve (New General Purpose Electric Control Valve) - Manual override for GP-Valve - for emergency operation - Mounted Raw Water Heat Exchanger - Unit Mounted Oil Filter / Oil Strainer	TBA	2.73:1	SAE 0	580 (1,278)	US\$ 45,080
MG-6620 A - Freestanding 10° Down Angle, Aluminum Housing, Freestanding with Following Standard Equipment: - Input Flange - Without Flexible Coupling or Housing - GP-Valve (New General Purpose Electric Control Valve) - Manual override for GP-Valve - for emergency operation - Mounted Raw Water Heat Exchanger - Unit Mounted Oil Filter / Oil Strainer	TBA	2.73:1	- - -	TBA	US\$ 40,570

Important Notes:

Please contact Twin Disc when marine transmission is used on engine with left-hand rotation. A different oil pump configuration will be required.

**REVERSE AND REDUCTION MARINE TRANSMISSIONS
WITH HYDRAULICALLY OPERATED CLUTCHES**

MG-6620 A ACCESSORIES					
DESCRIPTION	DRAWING NUMBER	WEIGHT kg (Lbs)	LIST PRICE ADDER	FIELD KIT	
				NUMBER	LIST PRICE
Torsional Couplings					
Silicon Vulastic L-3411-S for 18" Flywheel (SAE J620 size 460) w/o Emergency Come Home Device - for MG-6620 A	3-49666	TBA	see unit pricing	TBA	TBA
PTO					
Live Pump Mount PTO - SAE-J-744 size 127-4, 32-4, max. 592 Nm (SAE "C" 4 bolt) - for MG-6620 A	7-37005	5.0 (18)	US\$ 630	5Z03159-1	TBA
PTO adapter kit from SAE "C" to SAE "A" for live PTO's	TBA	TBA	TBA	5Z03159-5	TBA
PTO adapter kit from SAE "C" to SAE "B" for live PTO's	TBA	TBA	TBA	5Z03159-7	TBA
Hydraulic Clutchable Pump Mount PTO - SAE-J-744 size 127-4, 32-4, max. 592 Nm (SAE "C" 4 bolt) - for MG-6620 A	7-37065-B	43.0 (95)	US\$ 4,210	5Z03160-3	TBA
PTO adapter kit from SAE "C" to SAE "A" for clutchable PTO's	TBA	TBA	TBA	5Z03160-8	TBA
PTO adapter kit from SAE "C" to SAE "B" for clutchable PTO's	TBA	TBA	TBA	5Z03160-9	TBA
Hydraulic Clutchable Shaft Drive PTO - Not Available					
Control Valve					
GP-Valve (General Purpose electric control Valve) with manual override for emergency operation - for MG-6620 A	TBA		Included	TBA	TBA
Trolling					
Electric trolling - e-Troll controller for electric GP-Valve, incl. input & output speed pickups mounted - for MG-6620 A	TBA		US\$ 950	TBA	TBA
Oil Filter / Oil Strainer					
Unit mounted oil filter	Standard	---	Included		
Companion Flange					
Companion Flange including bolts and nuts - for MG-6620 A	3-49586-B	65.0 (143)	US\$ 770	5Z03157-1	TBA
Monitoring					
Local pressure gauge (loose)	TBA	---	US\$ 100	TBA	TBA
Local temperature gauge (loose)	TBA	---	US\$ 30	TBA	TBA
Pressure switch	TBA	---	US\$ 180	TBA	TBA
Temperature switch	TBA	---	US\$ 280	TBA	TBA
Oil filter differential pressure switch (loose)	TBA	---	US\$ 140	TBA	TBA
Heat Exchanger					
Integral raw water heat exchanger - raw water flow 60 - 80 liters/minute (16-21 gpm), max. raw water temperature 32°C (90°F)		---	Included	TBA	TBA
Trailing Pump					
Output shaft driven trailing pump - for MG-6620 A	5-49094	4.0 (9)	US\$ 500	5Z03158-3	TBA
Mounting Brackets					
Steel fabricated mounting brackets for rigid mounting - for MG-6620 A	5-50858-D	TBA	US\$ 1,170	TBA	TBA
Service Manual					
- for MG-6619 A	TBA	---	TBA		

Important Notes:

Please refer to Genuine Twin Disc Parts Price Book or contact Twin Disc for field installation kit prices.

The MGX series transmissions are not released for production at this time. Please contact Twin Disc, Inc. for release date

**REVERSE AND REDUCTION MARINE TRANSMISSIONS
WITH HYDRAULICALLY OPERATED CLUTCHES**

MGX-6620 Series MARINE TRANSMISSIONS					
MODEL AND STANDARD EQUIPMENT	DRAWING NUMBER	RATIO	SAE HSG	WEIGHT kg (Lbs)	LIST PRICE
MGX-6620 SC Vertical Offset, Aluminum Housing with Following Standard Equipment: - SAE J617 Housing No. 0 - Flexible Coupling for 18" Flywheel (SAE J620 size 460) • Silicon Vulastik L-3411-S (Without Emergency Come Home Device) - GP-Valve (New General Purpose Electric Control Valve) - Manual override for GP-Valve - for emergency operation - Quickshift™ Clutch Technology - Mounted Raw Water Heat Exchanger - Unit Mounted Oil Filter / Oil Strainer	TBA (For SAE#0)	1.06:1 1.33:1 1.53:1 1.73:1 2.03:1 2.44:1 2.72:1	SAE 0	588 (1,295)	US\$ 45,100
MGX-6620 SC - Freestanding Vertical Offset, Aluminum Housing, Freestanding with Following Standard Equipment: - Input Flange - Without Flexible Coupling or Housing - GP-Valve (New General Purpose Electric Control Valve) - Manual override for GP-Valve - for emergency operation - Quickshift™ Clutch Technology - Mounted Raw Water Heat Exchanger - Unit Mounted Oil Filter / Oil Strainer	TBA	1.06:1 1.33:1 1.53:1 1.73:1 2.03:1 2.44:1 2.72:1	- - -	TBA	US\$ 40,590
MGX-6620 A 10° Down Angle, Aluminum Housing with Following Standard Equipment: - SAE J617 Housing No. 0 - Flexible Coupling for 18" Flywheel (SAE J620 size 460) • Silicon Vulastik L-3411-S (Without Emergency Come Home Device) - GP-Valve (New General Purpose Electric Control Valve) - Manual override for GP-Valve - for emergency operation - Quickshift™ Clutch Technology - Mounted Raw Water Heat Exchanger - Unit Mounted Oil Filter / Oil Strainer	TBA (For SAE#0)	1.55:1 1.72:1 2.09:1 2.42:1 2.73:1	SAE 0	598 (1,317)	US\$ 47,190
MGX-6620 A - Freestanding 10° Down Angle, Aluminum Housing, Freestanding with Following Standard Equipment: - Input Flange - Without Flexible Coupling or Housing - GP-Valve (New General Purpose Electric Control Valve) - Manual override for GP-Valve - for emergency operation - Quickshift™ Clutch Technology - Mounted Raw Water Heat Exchanger - Unit Mounted Oil Filter / Oil Strainer	TBA	1.55:1 1.72:1 2.09:1 2.42:1 2.73:1	- - -	TBA	US\$ 42,680
MGX-6620 RV 10° Remote V-Drive, Aluminum Housing with Following Standard Equipment: - 225 mm GWB Input Flange - GP-Valve (New General Purpose Electric Control Valve) - Manual override for GP-Valve - for emergency operation - Quickshift™ Clutch Technology - Mounted Raw Water Heat Exchanger - Unit Mounted Oil Filter / Oil Strainer	TBA	1.55:1 1.72:1 2.09:1 2.42:1 2.73:1	- - -	554 (1,220)	US\$ 44,640

Important Notes:

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The MGX series transmissions are not released for production at this time. Please contact Twin Disc, Inc. for release date

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**REVERSE AND REDUCTION MARINE TRANSMISSIONS
WITH HYDRAULICALLY OPERATED CLUTCHES**

MGX-6620 Series ACCESSORIES					
DESCRIPTION	DRAWING NUMBER	WEIGHT kg (Lbs)	LIST PRICE ADDER	FIELD KIT	
				NUMBER	LIST PRICE
Torsional Couplings					
Silicon Vulastic L-3411-S for 18" Flywheel (SAE J620 size 460) w/o Emergency Come Home Device - for MGX-6620 SC and MGX-6620 A	3-49666	TBA	see unit pricing	TBA	TBA
Input Flange size GWB 587.35 - for MGX-6620 RV	3-50149	TBA	see unit pricing	TBA	TBA
PTO					
Live Pump Mount PTO - SAE-J-744 size 127-4, 32-4, max. 592 Nm (SAE "C" 4 bolt) - for MGX-6620 SC and MGX-6620 A - for MGX-6620 RV	7-37005 7-37007 TBA TBA	7.5 (17) 8.0 (18) TBA TBA	US\$ 630 US\$ 1,290 TBA TBA	5Z03159-1 5Z03159-3 5Z03159-5 5Z03159-7	TBA TBA TBA TBA
PTO adapter kit from SAE "C" to SAE "A" for live PTO's PTO adapter kit from SAE "C" to SAE "B" for live PTO's	TBA TBA	TBA TBA	TBA TBA		
Hydraulic Clutchable Pump Mount PTO - SAE-J-744 size 127-4, 32-4, max. 592 Nm (SAE "C" 4 bolt) - for MGX-6620 SC and MGX-6620 A - for MGX-6620 RV	7-37065-B 7-37066 TBA TBA	43.0 (95) 43.0 (95) TBA TBA	US\$ 4,210 US\$ 4,930 TBA TBA	5Z03160-3 5Z03160-5 5Z03160-8 5Z03160-9	TBA TBA TBA TBA
PTO adapter kit from SAE "C" to SAE "A" for clutchable PTO's PTO adapter kit from SAE "C" to SAE "B" for clutchable PTO's	TBA TBA	TBA TBA	TBA TBA		
Secondary Live pump mount PTO - mounted on gearbox oil pump, SAE-J-744 size 101-4, 22-2 max. 197 Nm (ex. SAE B, 2-bolt) - for MGX-6620 SC, MGX-6620 A and MGX-6620 RV	TBA	TBA	US\$ 490	TBA	TBA
Secondary Live pump mount PTO - mounted on gearbox oil pump, SAE-J-744 size 82-2, 16-4 max. 35 Nm (ex. SAE A, 2-bolt) - for MGX-6620 SC, MGX-6620 A and MGX-6620 RV	TBA	TBA	US\$ 490	TBA	TBA
Hydraulic Clutchable Shaft Drive PTO - Not Available					
Control Valve					
GP-Valve (General Purpose electric control Valve) with manual override for emergency operation - for MGX-6620 SC, MGX-6620 A and MGX-6620 RV	TBA		Included	TBA	TBA
Trolling					
Electric trolling - e-Troll controller for electric GP-Valve, incl. input & output speed pickups mounted - for MGX-6620 SC, MGX-6620 A and MGX-6620 RV	TBA		US\$ 950	TBA	TBA
Oil Filter / Oil Strainer					
Unit mounted oil filter	Standard	---	Included		
Companion Flange					
Companion Flange including bolts and nuts - for MGX-6620 SC, MGX-6620 A and MGX-6620 RV	3-49586-B	65.0 (143)	US\$ 770	5Z03157-1	TBA
Monitoring					
Local pressure gauge (loose)	TBA	---	US\$ 100	TBA	TBA
Local temperature gauge (loose)	TBA	---	US\$ 30	TBA	TBA
Pressure switch	TBA	---	US\$ 180	TBA	TBA
Temperature switch	TBA	---	US\$ 280	TBA	TBA
Oil filter differential pressure switch (loose)	TBA	---	US\$ 140	TBA	TBA
Heat Exchanger					
Integral raw water heat exchanger - raw water flow 60 - 80 liters/minute (16-21 gpm), max. raw water temperature 32°C (90°F)		---	Included	TBA	TBA
Trailing Pump					
Output shaft driven trailing pump - for MGX-6620 SC - for MGX-6620 A and MGX-6620 RV	5-49093 5-49094	4.0 (9) 4.0 (9)	US\$ 500 US\$ 500	5Z03158-2 5Z03158-3	TBA TBA
Mounting Brackets					
Steel fabricated mounting brackets for rigid mounting - for MG-6619 SC, MG-6619 A and MG-6619 RV	5-50858-D	TBA	US\$ 1,170	TBA	TBA
Service Manual					
- for MGX-6620 SC - for MGX-6620 A - for MGX-6620 RV	TBA TBA TBA	--- --- ---	TBA TBA TBA		

Important Notes:

Please refer to Genuine Twin Disc Parts Price Book or contact Twin Disc for field installation kit prices.

The MGX series transmissions are not released for production at this time. Please contact Twin Disc, Inc. for release date

**REVERSE AND REDUCTION MARINE TRANSMISSIONS
WITH HYDRAULICALLY OPERATED CLUTCHES**

MG-6650 and MG-6690 Series MARINE TRANSMISSIONS					
MODEL AND STANDARD EQUIPMENT	DRAWING NUMBER	RATIO	SAE HSG	WEIGHT kg (Lbs)	LIST PRICE
MG-6650 SC Vertical Offset, Aluminum Housing with Following Standard Equipment: - SAE J617 Housing No. 0 OR No. 00 - Flexible Coupling for 18" OR 21" Flywheel (SAE J620 size 460 OR 530) • Non Silicone Centaflex CF-R (Emergency Come Home Device Standard) • Silicon Vulkan VL3411S (Emergency Come Home Device Standard) - Electric Selector Valve - Mounted Raw Water Heat Exchanger - Unit Mounted Oil Filter / Oil Strainer - Pressure Gauge	1018375E	1.51:1 1.88:1 2.03:1 2.47:1 2.93:1 3.21:1	SAE 0	980 (2,159)	US\$ 44,285.48
MG-6650 SC Vertical Offset, Aluminum Housing with Following Standard Equipment: - SAE J617 Housing No. 0 OR No. 00 - Flexible Coupling for 18" OR 21" Flywheel (SAE J620 size 460 OR 530) • Non Silicone Centaflex CF-R (Emergency Come Home Device Standard) • Silicon Vulkan VL3411S (Emergency Come Home Device Standard) - Electric Selector Valve - Mounted Raw Water Heat Exchanger - Unit Mounted Oil Filter / Oil Strainer - Pressure Gauge	1018375E	1.51:1 1.88:1 2.03:1 2.47:1 2.93:1 3.21:1	SAE 00	1,010 (2,225)	US\$ 45,290.69
MG-6690 SC Vertical Offset, Aluminum Housing with Following Standard Equipment: - SAE J617 Housing No. 0 OR No. 00 - Flexible Coupling for 18" OR 21" Flywheel (SAE J620 size 460 OR 530) • Non Silicone Centaflex CF-R (Emergency Come Home Device Standard) • Silicon Vulkan VL3411S (Emergency Come Home Device Standard) - Electric Selector Valve - Mounted Raw Water Heat Exchanger - Unit Mounted Oil Filter / Oil Strainer - Pressure Gauge	1020350B	1.51:1 1.88:1 2.03:1 2.47:1 2.93:1 3.21:1	SAE 0	980 (2,159)	US\$ 44,900.54
MG-6690 SC Vertical Offset, Aluminum Housing with Following Standard Equipment: - SAE J617 Housing No. 0 OR No. 00 - Flexible Coupling for 18" OR 21" Flywheel (SAE J620 size 460 OR 530) • Non Silicone Centaflex CF-R (Emergency Come Home Device Standard) • Silicon Vulkan VL3411S (Emergency Come Home Device Standard) - Electric Selector Valve - Mounted Raw Water Heat Exchanger - Unit Mounted Oil Filter / Oil Strainer - Pressure Gauge	1020350B	1.51:1 1.88:1 2.03:1 2.47:1 2.93:1 3.21:1	SAE 00	1,010 (2,225)	US\$ 45,602.81

Important Notes:

Twin Disc MG6650SC and MG6690SC marine transmission CANNOT be used on engine with left-hand rotation.

**REVERSE AND REDUCTION MARINE TRANSMISSIONS
WITH HYDRAULICALLY OPERATED CLUTCHES**

MG-6650 Series ACCESSORIES						
DESCRIPTION	DRAWING NUMBER	WEIGHT		LIST PRICE ADDER	FIELD KIT	
		kg	(Lbs)		NUMBER	LIST PRICE
Torsional Couplings						
Silicon VulKan VL3411S Series for 18" Flywheel (SAE J620 size 460) W/O Emergency Come Home Device	1017123	TBA	TBA	Included	K1382 *	
Silicon Vulkan VL3411S Series for 18" Flywheel (SAE J620 size 460) With Emergency Come Home Device	1017865	TBA	TBA	Included	K1383 *	
Silicon Vulkan VL3411S Series for 21" Flywheel (SAE J620 size 530) With Emergency Come Home Device	1015475	TBA	TBA	Included	K1384 *	
Centaflex CF-R-510 for 18" Flywheel (SAE J620 size 460) Emergency Come Home Device Standard	1019717	TBA	TBA	Included	41784	
Centaflex CF-R-510 for 21" Flywheel (SAE J620 size 531) Emergency Come Home Device Standard	1019718	TBA	TBA	Included		
1) Hub for Geislinger Coupling	1018483	TBA	TBA	See note #1		
PTO						
Live Pump Mount PTO - SAE-J-744 size 127-4, 32-4, max. 598 Nm (SAE "C" 4 bolt)	1017177A	11.0	(24)	US\$ 1,966.36		US\$1,966.36
Live Pump Mount PTO - SAE-J-744 size 127-4, 38-4, max. 1187 Nm (SAE "C-C" 4 bolt)	1017177A	12.0	(26)	US\$ 1,966.36		US\$1,966.36
Clutchable Pump Mount PTO - SAE-J-744 size 127-4, 32-4, max. 598 Nm (SAE "C" 4 bolt)	1017820C	57.0	(126)	US\$ 5,664.69		US\$5,664.69
Clutchable Pump Mount PTO - SAE-J-744 size 127-4, 38-4, max. 1187 Nm (SAE "C-C" 4 bolt)	1017820C	57.0	(126)	US\$ 5,718.06		US\$5,718.06
Hydraulic Clutchable Shaft Drive PTO - Not Available	NA					
Control Valve						
Electric Control Valve (12V) (20 Bar / 290 psi)	1018084-Y			Included	41028	
Electric Control Valve (24V) (20 Bar / 290 psi)	1018084-P			Included	40817	
GP Control Valve with Profile Module	1020941					
Trolling						
Mechanical trolling valve for electric selector valve (1018084 Series)	1017555	2.7	(6)	US\$ 749.70	40588	US\$ 749.70
Electrical trolling valve for electric selector valve (12V/24V) (1018084 Series)	1017554	2.7	(6)	US\$ 749.70	40537	US\$ 749.70
Oil Filter / Oil Strainer						
Unit mounted oil filter	XB5275		---	Included	40824	
Unit mounted oil filter without clogging indicator	1020872			Included	42493	
Unit mounted oil filter with clogging indicator	1020872			US\$ 153.00	42492	
Companion Flange						
Companion Flange including bolts and nuts (Factory Installed)	1018682	140.0	(308)	US\$ 2,772.04		
Monitoring						
Pressure gauge (loose)	B1703D		---	Included		
Temperature gauge and switch (loose)	B3424		---	US\$ 119.00		
Heat Exchanger						
2) - Raw Water; Water Flow Rate: 35 to 45 gpm, 85° F max. water temperature	1017051	TBA	---	Included	41157	
- Fresh Water; Water Flow Rate: 35 to 45 gpm, 140° F max. water temperature	1017121	TBA	---	US\$ 805.27	41156	
Trailing Pump						
-Mechanical trailing pump	1020514	6.0	(13)	US\$ 1,300.50	41906	
-Remote mounted electric trailing pump	1016473	27.0	(59)	US\$ 3,054.09		
Mounting Brackets						
- Steel fabricated mounting brackets for rigid mounting	1016428-AU	TBA	TBA	US\$ 1,320.00		
Adapter Kit						
-Metric to NPTF Adapter Kit - (For unit mounted Heat Exchanger)	K1195	2.0	(4)	US\$ 240.30	K1195 *	US\$ 240.30
-Metric to NPTF Adapter Kit - (For remote mounted Heat Exchanger)	K1254	2.0	(4)	US\$ 240.30	K1254 *	US\$ 240.30
Service Manual						
- for MG-6650-SC	1019103			US\$ 60.00		
- for MG-6690-SC	1019677			US\$ 60.00		

Notes: 1) When using the Geislinger hub option, consult Twin Disc for pricing.
2) List deduct for non-supply of standard heat exchanger is \$ 900.00

PTO Adapters: Live 127-4, 32-4 to 101-2, 22-4 (XB2403F)

Live 127-4, 32-4 to 82-2, 16-4 (XB2403G)

PTO Adapters: Hydraulic 127-4, 32-4 to 101-2, 22-4 (XB2403D)

Hydraulic 127-4, 32-4 to 82-2, 16-4 (XB2403E)

Important Notes:

Please refer to Genuine Twin Disc Parts Price Book (last printed Oct. 1, 2001) or contact Twin Disc for field installation kit (KS-kit and K-kit) prices.

**REVERSE AND REDUCTION MARINE TRANSMISSIONS
WITH HYDRAULICALLY OPERATED CLUTCHES**

MG-6848 Series MARINE TRANSMISSIONS					
MODEL AND STANDARD EQUIPMENT	DRAWING NUMBER	RATIO	SAE HSG	WEIGHT kg (Lbs)	LIST PRICE
MG-6848 SC Vertical Offset, Aluminum Housing with Following Standard Equipment: - SAE J617 Housing No. 0 - Flexible Coupling for 18" Flywheel (SAE J620 size 460) • Non Silicone Centaflex CF-R (Emergency Come Home Device Standard) - Electric Selector Valve - Mounted Raw Water Heat Exchanger - Unit Mounted Oil Filter / Oil Strainer - Pressure Gauge	1019086B	1.51:1 1.88:1 2.03:1 2.47:1 2.58:1 2.93:1 3.21:1	SAE 0	970 (2,137)	US\$ 63,984.60
MG-6848 SC Vertical Offset, Aluminum Housing with Following Standard Equipment: - SAE J617 Housing No. 00 - Flexible Coupling for 21" Flywheel (SAE J620 size 530) • Non Silicone Centaflex CF-R (Emergency Come Home Device Standard) - Electric Selector Valve - Mounted Raw Water Heat Exchanger - Unit Mounted Oil Filter / Oil Strainer - Pressure Gauge	1019086B	1.51:1 1.88:1 2.03:1 2.47:1 2.58:1 2.93:1 3.21:1	SAE 00	1,010 (2,225)	US\$ 64,712.88

Important Notes:

Twin Disc MG6848SC marine transmission CANNOT be used on engine with left-hand rotation.

**REVERSE AND REDUCTION MARINE TRANSMISSIONS
WITH HYDRAULICALLY OPERATED CLUTCHES**

MG-6848 Series ACCESSORIES							
DESCRIPTION	DRAWING NUMBER	WEIGHT		LIST PRICE ADDER	FIELD KIT		
		kg	(Lbs)		NUMBER	LIST PRICE	
Torsional Couplings							
Centaflex CF-R-510 for 18" Flywheel (SAE J620 size 460) Emergency Come Home Device Standard	1019074	TBA	TBA	Included			
Centaflex CF-R-510 for 21" Flywheel (SAE J620 size 531) Emergency Come Home Device Standard	1019123	TBA	TBA	Included			
PTO							
Live Pump Mount PTO - SAE-J-744 size 127-4, 32-4, max. 598 Nm (SAE "C" 4 bolt)	1017177A	11.0	(24)	US\$ 1,966.36	40898	US\$1,966.36	
Live Pump Mount PTO - SAE-J-744 size 127-4, 38-4, max. 1187 Nm (SAE "C-C" 4 bolt)	1017177A	12.0	(26)	US\$ 1,966.36	41030	US\$1,966.36	
Clutchable Pump Mount PTO - SAE-J-744 size 127-4, 32-4, max. 598 Nm (SAE "C" 4 bolt)	1017820C	57.0	(126)	US\$ 5,664.69	41168	US\$5,664.69	
Clutchable Pump Mount PTO - SAE-J-744 size 127-4, 38-4, max. 1187 Nm (SAE "C-C" 4 bolt)	1017820C	57.0	(126)	US\$ 5,718.06	41167	US\$5,718.06	
Clutchable Shaft Drive PTO - Not Available	NA						
Control Valve							
Electric Control Valve (12V) (24 Bar / 350 psi)	1018084-AD			Included	41114	TBA	
Electric Control Valve (24V) (24 Bar / 350 psi)	1018084-AE			Included	41115	TBA	
Trolling							
Mechanical trolling valve for electric selector valve (1018084 Series)	1017555	2.7	(6)	US\$ 749.70	40588	US\$ 749.70	
Electrical trolling valve for electric selector valve (12V/24V) (1018084 Series)	1017554	2.7	(6)	US\$ 749.70	40537	US\$ 749.70	
Oil Filter / Oil Strainer							
Unit mounted oil filter	XB5275		---	Included	40824		
Unit mounted oil filter without clogging indicator	1020872			Included	42493		
Unit mounted oil filter with clogging indicator	1020872			US\$ 153.00	42492		
Companion Flange							
Companion Flange including bolts and nuts without shaft brake (Factory Installed)	1018682	140.0	(308)	US\$ 2,772.04			
Companion Flange including bolts and nuts with shaft brake (Factory Installed)	1019642A						
Monitoring							
Pressure gauge (loose)	B1703D		---	Included			
Temperature gauge and switch (loose)	B3424		---	US\$ 119.00			
Heat Exchanger							
1) - Raw Water; Water Flow Rate: 35 to 45 gpm, 85° F max. water temperature	1017051	TBA	---	Included	41157		
- Fresh Water; Water Flow Rate: 35 to 45 gpm, 140° F max. water temperature	1017121	TBA	---	US\$ 805.27	41156		
Trailing Pump							
-Mechanical trailing pump	1020514	6.0	(13)	US\$ 1,300.50	41906		
-Remote mounted electric trailing pump	1016473	27.0	(59)	US\$ 3,054.09			
Mounting Brackets							
- Steel fabricated mounting brackets for rigid mounting	TBA	TBA	TBA	TBA	TBA	TBA	
Adapter Kit							
-Metric to NPTF Adapter Kit - (For unit mounted Heat Exchanger)	K1195	2.0	(4)	US\$ 240.30	k1195 *	US\$ 240.30	
-Metric to NPTF Adapter Kit - (For remote mounted Heat Exchanger)	K1254	2.0	(4)	US\$ 240.30	K1254 *	US\$ 240.30	
Service Manual							
- for MG-6848-SC	1019677			US\$ 60.00			

Notes: 1) List deduct for non-supply of standard heat exchanger is \$ 900.00

PTO Adapters: Live 127-4, 32-4 to 101-2, 22-4 (XB2403F)

Live 127-4, 32-4 to 82-2, 16-4 (XB2403G)

PTO Adapters: Hydraulic 127-4, 32-4 to 101-2, 22-4 (XB2403D)

Hydraulic 127-4, 32-4 to 82-2, 16-4 (XB2403E)

Important Notes:

Please refer to Genuine Twin Disc Parts Price Book (last printed Oct. 1, 2001) or contact Twin Disc for field installation kit (KS-kit and K-kit) prices.

**REVERSE AND REDUCTION MARINE TRANSMISSIONS
WITH HYDRAULICALLY OPERATED CLUTCHES**

MG-6984 Series MARINE TRANSMISSIONS						
MODEL AND STANDARD EQUIPMENT	DRAWING NUMBER	RATIO	SAE HSG	WEIGHT kg (Lbs)	LIST PRICE	
MG-6984 SC Vertical Offset, Aluminum Housing with Following Standard Equipment: - SAE J617 Housing No. 0 OR No. 00 - Flexible Coupling (Without Emergency Come Home Device) • Silicon Vulastik L-34D1-S for 18" Flywheel (SAE J620 size 460) • Silicon Vulastik L-34D1-S for 21" Flywheel (SAE J620 size 530) - GP-Valve (New General Purpose Electric Control Valve) - Manual override for GP-Valve - for emergency operation - Mounted Intergral Raw Water Heat Exchanger - Unit Mounted Oil Filter / Oil Strainer	7-37481 (For SAE#0) 7-38452 (For SAE#00)	1.18:1 1.54:1 2.06:1 2.29:1 2.52:1 2.92:1 3.25:1 3.43:1	SAE 0 SAE 00	1,195 (2,632) 1,230 (2,709)	US\$	82,000 82,000
MG-6984 SC - Freestanding Vertical Offset, Aluminum Housing, Freestanding with Following Standard Equipment: - Input Flange - Without Flexible Coupling or Housing - GP-Valve (New General Purpose Electric Control Valve) - Manual override for GP-Valve - for emergency operation - Mounted Intergral Raw Water Heat Exchanger - Unit Mounted Oil Filter / Oil Strainer	7-37008	1.18:1 1.54:1 2.06:1 2.29:1 2.52:1 2.92:1 3.25:1 3.43:1	- - -	TBA	US\$	72,580
MG-6984 A 10° Down Angle, Aluminum Housing with Following Standard Equipment: - SAE J617 Housing No. 0 OR No. 00 - Flexible Coupling (Without Emergency Come Home Device) • Silicon Vulastik L-34D1-S for 18" Flywheel (SAE J620 size 460) • Silicon Vulastik L-34D1-S for 21" Flywheel (SAE J620 size 530) - GP-Valve (New General Purpose Electric Control Valve) - Manual override for GP-Valve - for emergency operation - Mounted Intergral Raw Water Heat Exchanger - Unit Mounted Oil Filter / Oil Strainer	P-71093 (For SAE#0) 7-38495 (For SAE#00)	1.48:1 1.97:1 2.50:1 2.79:1 2.93:1	SAE 0 SAE 00	1,230 (2,709) 1,250 (2,753)	US\$	88,000 88,000
MG-6984 A - Freestanding 10° Down Angle, Aluminum Housing, Freestanding with Following Standard Equipment: - Input Flange - Without Flexible Coupling or Housing - GP-Valve (New General Purpose Electric Control Valve) - Manual override for GP-Valve - for emergency operation - Mounted Intergral Raw Water Heat Exchanger - Unit Mounted Oil Filter / Oil Strainer	7-38510	1.48:1 1.97:1 2.50:1 2.79:1 2.93:1	- - -	TBA	US\$	78,580
MG-6984 RV 10° Remote V-Drive, Aluminum Housing with Following Standard Equipment: - 320 mm GWB Input Flange - GP-Valve (New General Purpose Electric Control Valve) - Manual override for GP-Valve - for emergency operation - Mounted Intergral Raw Water Heat Exchanger - Unit Mounted Oil Filter / Oil Strainer	7-37042	1.48:1 1.97:1 2.50:1 2.79:1 2.93:1	- - -	910 (2,004)	US\$	79,620

Important Notes:

Please contact Twin Disc when marine transmission is used on engine with left-hand rotation. A different oil pump configuration will be required.

**REVERSE AND REDUCTION MARINE TRANSMISSIONS
WITH HYDRAULICALLY OPERATED CLUTCHES**

MG-6984 Series ACCESSORIES					
DESCRIPTION	DRAWING NUMBER	WEIGHT kg (Lbs)	LIST PRICE ADDER	FIELD KIT	
				NUMBER	LIST PRICE
Torsional Couplings					
Silicon Vulastic L-34D1-S for 18" Flywheel (SAE J620 size 460) w/o Emergency Come Home Device - for MG-6984 SC and MG-6984 A	3-49840-A	TBA	see unit pricing	TBA	TBA
Silicon Vulastic L-34D1-S for 21" Flywheel (SAE J620 size 530) w/o Emergency Come Home Device - for MG-6984 SC and MG-6984 A	TBA	TBA	see unit pricing	TBA	TBA
Input Flange (320 mm diameter) - for MG-6984 RV	3-50149	TBA	see unit pricing	TBA	TBA
PTO					
Live Pump Mount PTO - SAE-J-744 size 127-4, 32-4, max. 592 Nm (SAE "C" 4 bolt) - for MG-6984 SC and MG-6984 A - for MG-6984 RV	7-37852-A TBA TBA TBA	5.0 (18) 8.0 (18) TBA TBA	US\$ 2,670 US\$ 2,670 TBA TBA	5Z04159-2 TBA 5Z03159-5 5Z03159-7	TBA TBA TBA TBA
PTO adapter kit from SAE "C" to SAE "A" for live PTO's					
PTO adapter kit from SAE "C" to SAE "B" for live PTO's					
Hydraulic Clutchable Pump Mount PTO - SAE-J-744 size 127-4, 32-4, max. 592 Nm (SAE "C" 4 bolt) - for MG-6984 SC and MG-6984 A - for MG-6984 RV	TBA TBA TBA	43.0 (95) 43.0 (95) TBA	US\$ 9,620 US\$ 9,620 TBA	5Z03160-3 5Z03160-5 5Z03160-8 5Z03160-9	TBA TBA TBA TBA
PTO adapter kit from SAE "C" to SAE "A" for clutchable PTO's	TBA	TBA	TBA		
PTO adapter kit from SAE "C" to SAE "B" for clutchable PTO's	TBA	TBA	TBA		
Hydraulic Clutchable Shaft Drive PTO - Not Available					
Control Valve					
GP-Valve (General Purpose electric control Valve) with manual override for emergency operation - for MG-6984 SC, MG-6984 A and MG-6984 RV	TBA		Included	TBA	TBA
Trolling					
Electric trolling - e-Troll controller for electric GP-Valve, incl. input & output speed pickups mounted - for MG-6984 SC, MG-6984 A and MG-6984 RV	TBA		US\$ 920	TBA	TBA
Oil Filter / Oil Strainer					
Unit mounted oil filter	Standard	---	Included		
Companion Flange					
Companion Flange including bolts and nuts - for MG-6984 SC, MG-6984 A and MG-6984 RV	3-49586-E	120.0 (264)	US\$ 950	5Z03556	TBA
Monitoring					
Local pressure gauge (loose)	TBA	---	US\$ 570	TBA	TBA
Local temperature gauge (loose)	TBA	---	US\$ 50	TBA	TBA
Pressure switch	TBA	---	US\$ 170	TBA	TBA
Temperature switch	TBA	---	US\$ 270	TBA	TBA
Oil filter differential pressure switch (loose)	TBA	---	US\$ 130	TBA	TBA
Heat Exchanger					
Integral raw water heat exchanger - raw water flow 200 liters/minute (52 gpm), max. raw water temperature 32°C (90°F)		---	Included	TBA	TBA
Trailing Pump					
Output shaft driven trailing pump - for MG-6984 SC - for MG-6984 A and MG-6984 RV	TBA TBA	TBA TBA	US\$ 590 US\$ 590	TBA TBA	TBA TBA
Mounting Brackets					
Steel fabricated mounting brackets for rigid mounting - for MG-6984 SC, MG-6984 A and MG-6984 RV	TBA	TBA	US\$ 1,460	TBA	TBA
Service Manual					
- for MG-6984 SC - for MG-6984 A - for MG-6984 RV	TBA TBA TBA	--- --- ---	TBA TBA TBA		

Important Notes:

Please refer to Genuine Twin Disc Parts Price Book or contact Twin Disc for field installation kit

**REVERSE AND REDUCTION MARINE TRANSMISSIONS
WITH HYDRAULICALLY OPERATED CLUTCHES**

MG-61242 Series MARINE TRANSMISSIONS					
MODEL AND STANDARD EQUIPMENT	DRAWING NUMBER	RATIO	SAE HSG	WEIGHT kg (Lbs)	LIST PRICE
MG-61242 SC Vertical Offset, Aluminum Housing with Following Standard Equipment: - SAE J617 Housing No. 0 OR No. 00 - Flexible Coupling (Without Emergency Come Home Device) <ul style="list-style-type: none"> • Silicon Vulastik L-34D2-S for 18" Flywheel (SAE J620 size 460) • Silicon Vulastik L-40D2-S for 21" Flywheel (SAE J620 size 530) - GP-Valve (New General Purpose Electric Control Valve) - Manual override for GP-Valve - for emergency operation - Mounted Intergral Raw Water Heat Exchanger - Unit Mounted Oil Filter / Oil Strainer	TBA (For SAE#0) TBA (For SAE#00)	1.18:1 1.54:1 2.06:1 2.29:1 2.52:1 2.92:1 3.25:1 3.43:1	SAE 0 SAE 00	TBA TBA	US\$ 109,270 US\$ 116,940
MG-61242 SC - Freestanding Vertical Offset, Aluminum Housing, Freestanding with Following Standard Equipment: - Input Flange - Without Flexible Coupling or Housing - GP-Valve (New General Purpose Electric Control Valve) - Manual override for GP-Valve - for emergency operation - Mounted Intergral Raw Water Heat Exchanger - Unit Mounted Oil Filter / Oil Strainer	7-37017	1.16:1 1.52:1 2.08:1 2.47:1 2.96:1	None	1,050 (2,313)	US\$ 90,270
MG-61242 A 10° Down Angle, Aluminum Housing with Following Standard Equipment: - SAE J617 Housing No. 0 OR No. 00 - Flexible Coupling (Without Emergency Come Home Device) <ul style="list-style-type: none"> • Silicon Vulastik L-34D2-S for 18" Flywheel (SAE J620 size 460) • Silicon Vulastik L-40D2-S for 21" Flywheel (SAE J620 size 530) - GP-Valve (New General Purpose Electric Control Valve) - Manual override for GP-Valve - for emergency operation - Mounted Intergral Raw Water Heat Exchanger - Unit Mounted Oil Filter / Oil Strainer	TBA (For SAE#0) TBA (For SAE#00)	1.42:1 2.07:1 2.44:1 2.93:1	SAE 0 SAE 00	TBA TBA	US\$ 116,150 US\$ 123,820
MG-61242 A - Freestanding 10° Down Angle, Aluminum Housing, Freestanding with Following Standard Equipment: - Input Flange - Without Flexible Coupling or Housing - GP-Valve (New General Purpose Electric Control Valve) - Manual override for GP-Valve - for emergency operation - Mounted Intergral Raw Water Heat Exchanger - Unit Mounted Oil Filter / Oil Strainer	7-37046	1.42:1 2.07:1 2.44:1 2.93:1	None	1,110 (2,445)	US\$ 97,180
MG-61242 RV 10° Remote V-Drive, Aluminum Housing with Following Standard Equipment: - 320 mm GWB Input Flange - GP-Valve (New General Purpose Electric Control Valve) - Manual override for GP-Valve - for emergency operation - Mounted Intergral Raw Water Heat Exchanger - Unit Mounted Oil Filter / Oil Strainer	7-37049	1.42:1 2.07:1 2.44:1 2.93:1	None	1,130 (2,489)	US\$ 102,100

Important Notes:

Please contact Twin Disc when marine transmission is used on engine with left-hand rotation. A different oil pump configuration will be required.

**REVERSE AND REDUCTION MARINE TRANSMISSIONS
WITH HYDRAULICALLY OPERATED CLUTCHES**

MG-61242 Series ACCESSORIES					
DESCRIPTION	DRAWING NUMBER	WEIGHT kg (Lbs)	LIST PRICE ADDER	FIELD KIT	
				NUMBER	LIST PRICE
Torsional Couplings					
Silicon Vulastic L-34D2-S for 18" Flywheel (SAE J620 size 460) w/o Emergency Come Home Device - for MG-61242 SC and MG-61242 A	TBA	TBA	see unit pricing	TBA	TBA
Silicon Vulastic L-40D2-S for 21" Flywheel (SAE J620 size 530) w/o Emergency Come Home Device - for MG-61242 SC and MG-61242 A	TBA	TBA	see unit pricing	TBA	TBA
Input Flange (320 mm diameter) - for MG-61242 RV	TBA	TBA	see unit pricing	TBA	TBA
PTO					
Live Pump Mount PTO - SAE-J-744 size 127-4, 32-4, max. 592 Nm (SAE "C" 4 bolt) - for MG-61242 SC and MG-61242 A	TBA	TBA	US\$ 2,670	TBA	TBA
- for MG-61242 RV	TBA	TBA	US\$ 2,670	TBA	TBA
PTO adapter kit from SAE "C" to SAE "A" for live PTO's	TBA	TBA	TBA	5Z03159-5	TBA
PTO adapter kit from SAE "C" to SAE "B" for live PTO's	TBA	TBA	TBA	5Z03159-7	TBA
Hydraulic Clutchable Pump Mount PTO - SAE-J-744 size 127-4, 32-4, max. 592 Nm (SAE "C" 4 bolt) - for MG-61242 SC and MG-61242 A	TBA	TBA	US\$ 9,620	TBA	TBA
- for MG-61242 RV	TBA	TBA	US\$ 9,620	TBA	TBA
PTO adapter kit from SAE "C" to SAE "A" for clutchable PTO's	TBA	TBA	TBA	5Z03160-8	TBA
PTO adapter kit from SAE "C" to SAE "B" for clutchable PTO's	TBA	TBA	TBA	5Z03160-9	TBA
Hydraulic Clutchable Shaft Drive PTO - Not Available					
Control Valve					
GP-Valve (General Purpose electric control Valve) with manual override for emergency operation - for MG-61242 SC, MG-61242 A and MG-61242 RV	TBA		Included	TBA	TBA
Trolling					
Electric trolling - e-Troll controller for electric GP-Valve, incl. input & output speed pickups mounted - for MG-61242 SC, MG-61242 A and MG-61242 RV	TBA		US\$ 920	TBA	TBA
Oil Filter / Oil Strainer					
Unit mounted oil filter	Standard	---	Included		
Companion Flange					
Companion Flange including bolts and nuts - for MG-61242 SC, MG-61242 A and MG-61242 RV	3-49586-K	122.0 (269)	US\$ 1,640	5Z03556	TBA
Monitoring					
Local pressure gauge (loose)	TBA	---	US\$ 570	TBA	TBA
Local temperature gauge (loose)	TBA	---	US\$ 50	TBA	TBA
Pressure switch	TBA	---	US\$ 170	TBA	TBA
Temperature switch	TBA	---	US\$ 270	TBA	TBA
Oil filter differential pressure switch (loose)	TBA	---	US\$ 130	TBA	TBA
Heat Exchanger					
Integral raw water heat exchanger - raw water flow 200 liters/minute (52 gpm), max. raw water temperature 32°C (90°F)		---	Included	TBA	TBA
Trailing Pump					
Output shaft driven trailing pump - for MG-61242 SC	TBA	TBA	US\$ 590	TBA	TBA
- for MG-61242 A and MG-61242 RV	TBA	TBA	US\$ 590	TBA	TBA
Mounting Brackets					
Steel fabricated mounting brackets for rigid mounting - for MG-61242 SC, MG-61242 A and MG-61242 RV	TBA	TBA	US\$ 1,580	TBA	TBA
Service Manual					
- for MG-61242 SC	TBA	---	TBA		
- for MG-61242 A	TBA	---	TBA		
- for MG-61242 RV	TBA	---	TBA		

Important Notes:

Please refer to Genuine Twin Disc Parts Price Book or contact Twin Disc for field installation kit

SAE Housing Adapter

Where it is necessary to supply a larger SAE housing than that provided with the TDI Marine Transmission. It will be necessary to use an adapter ring. Care must be taken to ensure that when the coupling is attached to the engine flywheel, sufficient clearance exist to clear all fixed surfaces within the transmission housing.

The following size housing adapters are available:

No. 6880 SAE #1 to SAE #2

No. 8407/8407B SAE #0 to SAE #1

No. 6964 SAE #00 to SAE #0

Heat Exchangers

Heat exchangers listed have been selected for use with Twin Disc Marine Transmissions, all of which except MG-340 require cooling of the transmission's lube oil within the temperature limits specified by Twin Disc, Inc. Customers NOT using Twin Disc heat exchangers can find on the related transmission drawing or consult TDI Marine Applications Group heat exchanger data that is REQUIRED in the selection of appropriate heat exchanger, including recommended proof test pressures for the heat exchanger, and data on connecting hoses. Mounting of heat exchangers at inlet side of the water pump is NOT recommended. For heat exchangers meeting Marine Survey Societies requirements, please consult TDI Marine Applications Group.

Input Torsional Couplings

Optional torsional coupling assemblies or hubs to adapt customer-supplied torsional couplings to certain marine transmissions, even though NOT listed in this Price Guide, may be available from Twin Disc, Inc. Questions concerning the availability of optional couplings, torsional type or RBD type should be directed, IN WRITING, to:

TWIN DISC INCORPORATED
Marine Transmission Application Group
1328 Racine Street

Racine, WI 53403

FAX: (262) 638-4482

NOTE:FOR SINGLE SCREW APPLICATIONS USING CERTAIN INPUT TORSIONAL COUPLING, THE TORSIONAL COUPLING SHOULD BE EQUIPPED WITH A TORSIONAL STOP. FOR SOME MODELS "HEAVY DUTY" TORSIONAL STOP COUPLINGS ARE OFFERED. ON ALL NEW APPLICATIONS A TVA OF THE PROPULSION SYSTEM IS RECOMMENDED TO PROVE OUT THE COUPLING SELECTION

Optional Mounting Brackets

Customers having any questions concerning use of the optional mounting brackets or needing engine/transmission mounting support recommendations can contact TDI marine application group at the above address/fax number.

Operators/Service Manuals

OPERATOR'S MANUAL IS P/N 1016313

See Transmission Accessory section for other operators manuals or service manual listing 4 View CAD files – refer to www.twindisc.com

Pump Adapters

XB2403, SAE 'C' 4 bolt to SAE 'B' 2 bolt
for use with SAE 'C' PTO's on Models MG5091, 5114, 5145, 518-1, MG520-1 HP, MG5202SC, MG5203 and MG5204.

Following Pump Adapters for use on transmission models fitted with SAE 'C' 4 bolt PTO's:

MG516, 5170DC, 5202DC, 5205DC, 5301DC, 6650SC & MG6848SC

PTO Size 32-4, Live	XB2403F ('C' to 'B')
	XB2403G ('C' to 'A')

PTO Size 32-4 with Clutch	XB2403D ('C' to 'B')
	XB2403E ('C' to 'A')

Please consult TDI Marine Application Group for Pump Adapters fitting MG-6000 Series Models

DRAWING REFERENCE LIST - PRINTS AVAILABLE UPON REQUEST

Transmission Model Number	Transmission Assy. Dwg. No.	Mass Elastic System	Hydraulic Diagram	H. E. Requirements
MG-340	IT40TD0002	N/A	N/A	N/A
MG-360	IT60TD0002	N/A	N/A	N/A
MG-5005 A	IT345ATD0001	TBA	TBA	TBA
MG-5010 DC	PX9400	P5244K	PX9400-2	B3649C
MG-5011 A	PX9999	P5244P	PX9999-2	B3649C
MG-5011 SC	PX10270	P5244Q	PX10270-2	B3649C
MG-5011 IV	PX10290	P5244S	PX10290-2	B3649C
MG-5012 SC	IT93TD0001	TBA	TBA	TBA
MG-5015 A	IT545ATD0002	TBA	TBA	TBA
MG-502	X9994A	A6905S	X9994A-2	X9994A-2
MG-502-1	X9994C	A6905S	X9994C-2	X9994C-2
MG-5020 SC	IT170TD0001	TBA	TBA	TBA
MG-5050	PX8575 Series	B3504T	P8731	B3649E
MG-5050 A	PX8580 Series	B3504T	P8731	B3649E
MG-5050 V	PX8760	B3504T	P8731	B3649E
MG-5055 A	IT880ATD0002	TBA	TBA	TBA
MG-506-1	XA7022A & XA7048A	A6905G	A6902N	XA7022A-2 & XA7048A-2
MG-506 DC	X9844	A6905J	A6902E	X9844-2
MG-506 A	XA7472 & XA7493	A6905G	A6902N	XA7472-2 & XA7493-2
MG-5061	PX11650 Series	B3504S	P8731	B3649F
MG-5061 A	PX11640 Series	B3504S	P8731	B3649F
MG-5061 V	PX8735	B3504S	P8731	B3649F
MG-5062 V	PX11660 Series	B3504AB	A7119N	B3649F
MG-5065 SC	PX11480	P5244AC	P5245	B3649G
MG-5065 A	PX11165	P5244AC	P5245	B3649G
MG-507-1	PX7470	P5244	P5245	PX7470-2
MG-507-1	PX7470G Series	P5244-F	P5245	PX7470G-2
MG-507-1 (Step-up)	PX8888	P5244G	P5245	PX8888-2
MG-507A-1	PX8170	P5244	P5245	PX8170-2
MG-507A-1	PX8170F Series	P5244-F	P5245	PX8170F-2
MG-507-2	PX8130	P5244	P5245	PX8130-2
MG-507A-2	PX8131	P5244	P5245	PX8131-2
MG-5075 SC (Step-up)	PX11876	P5244T-2	P10697A	PX11876-2
MG-5075 SC	PX10680 Series	P5244T	P10697	PX10680-2
MG-5075 A	PX10700 Series	P5244T	P10697	PX10700-2
MG-5075 IV	PX11530 Series	P5244Y	P11603	PX11530-2
MG-5081 SC	PX8980	P5244E	P5245	B3649G
MG-5081 A	PX9160	P5244E	P5245	B3649G
MG-5081 SC (Step-up)	PX9800	P5244E	P5245	B3649G
MG-5082 SC	PX-11250	P-5244-X	P10697	PX-11250-2
MG-5082 A	PX-11040	P-5244-X	P10697	PX-11040-2
MG-5085 SC	PX9260B Series	P5244V	P5245	B3649G
MG-5085A	PX9360B Series	P5244V	P5245	B3649G
MG-509SC	X9816F	A6902A	A6902	X9816F-2
MG-509DC	X9835	A6902D	A6902	X9835-2
MG-5090A	PX10015	B3504V	A7119H	PX10015-2
MG-5091SC	PX10016	B3504U	A7119J	B3649A
MG-5091DC	1002155	B3504U	A7119J	1002155-3

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

DRAWING REFERENCE LIST - PRINTS AVAILABLE UPON REQUEST

Transmission Model Number	Transmission Assy. Dwg. No.	Mass Elastic System	Hydraulic Diagram	H. E. Requirements
MG-5095 A	PX11495	P5244AB	P11735A	B3649A
MG-5095 SC	PX11535	P12041	P11735A	B3649A
MG-5111 A	XA7525D	B3504Q	A7119H	XA7525D-2
MG-5111 SC	XA7533	B3504R	A7119J	B3649
MG-5111 RV	XA7555A	B3504Q	A7119H	XA7555A-2
MG-5112 IV	1004566	B3504AC	A7119P	B3649J
MG-5113 DC	1003526	B3504	A7119J	B3649B
MG-5114 A	PX9700B / PX11915	P5244M	A7119H	PX9700B-2 / PX11915-2
MG-5114 SC	PX9785B	P5244N	A7119J	B3649
MG-5114 SC-HD	PX11962	P5244N	A7119J	B3649
MG-5114 DC	PX10250A	P5244R	A7119J	B3649B
MG-5114 IV	PX9880C / PX11920	B3504AC	A7119P	B3649J
MG-5114 RV	PX9830A / PX11850	P5244M	A7119H	PX9830A-2
MGX-5114 A	PX11730	P5244M	A7119AD	PX11730-2
MGX-5114 SC	PX11790	P5244N	A7119J	B3649
MGX-5114 IV	PX11820	B3504AC	A7119P	B3649J
MGX-5114 RV	PX11850	P5244M	A7119H	PX11850-2
MG-5135 A	PX11380	P5244AA	P11735	B3649H
MG-5135 SC	PX11590	P5244Z	A7119M	B3649H
MG-5135 RV	PX11945	P5244AA	P11735	B3649H
MGX-5135 A	PX11740	P5244AA	A7119M	B3649H
MGX-5135 SC	PX11840	P5244Z	P12182	B3649H
MGX-5135 RV	PX11880	P5244AA	P12182	B3649H
MG-514C SC	X9784C	B3504D	A6905N	X9784C-3
MG-514C DC	X9786C	B3504C	A6905N	X9786C-3
MG-5145 A	PX10830	P5244W	A7119M	B3649H
MG-5145 SC	PX10885	P5244U	A7119M	B3649H
MG-5145 RV	PX10880	P5244W	A7119M	B3649H
MGX-5145 A	PX11755	P5244W	A7119M	B3649H
MGX-5145 SC	PX11830	P5244U	A7119M	B3649H
MGX-5145 RV	PX11860	P5244W	A7119M	B3649H
MGX-5147 A	PX11925	P5244W	TBA	B3649H
MGX-5147 SC	PX12010	P5244U	A7119M	B3649H
MGX-5147 RV	PX11930	P5244W	A7119M	B3649H
MG-516	XA7470H	B3504P	A7119G	XA7470H-3
MG-5170 DC	1017463A	B3504AS	A7119V	B3649N
MG-518-1 SC	XA7343A	B3504L	A7119E	XA7343A-3
MG-518-1 DC	XA7292A	B3504L	A7119E	XA7292A-3
MG-520-1 HP	XA7255B	B3504M	A7119D	B3649Q
MG-5202 SC	1016103C	B3504AE	A7119Q	B3649K
MG-5203 SC	1016249A	B3504AE	A7119Q	B3649K
MG-5204 SC	1016250B	B3504AE	A7119Q	B3649K
MG-5222 DC	1020391	B3504AF	A7119AC	B3649K
MG-5225 DC	1020390	B3504AF	A7119R	B3649K
MG-5301 DC	1017020B	B3504AQ	A7119T	B3649M

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Transmission Model Number	Transmission Assy. Dwg. No.	Mass Elastic System	Hydraulic Diagram	H. E. Requirements
MG-5321	1015339	B3504AQ	A7119AE	B3649M
MG-540	X9882C	A6905Q	A6902M	X9882C-3
MG-5506	7-39253	3-54248	354650	
MG-5600	1015239A	B3504AH	A7119S	B3649L
MG-5600 DR	1018100	B3504AT	A7119X	B3649L
MG-6449 A	7-37705 / 7-37931	3-50656	3-49460	
MG-6449 RV	7-37431A	3-50659	3-49460	
MG-6557 A	7-37934 / 7-38008	3-49491C	3-49460	
MG-6557 SC	7-38059 / 7-37707	3-50393	3-49460	
MG-6557 DC	7-38620 / 7-39148	3-49642 / 3-49642A	3-49460	
MG-6557 RV	7-37936	3-49492A	3-49460	
MG-6598 DC	7-38063 / 7-37531	3-53773	3-49460	
MG-6600 DC	7-37940	3-49461A	3-49460	
MG-6619 A	7-37540	3-49494A	3-49460	
MG-6619 SC	7-37668	3-53535	3-49460	
MG-6619 RV	7-37938	3-49495A	3-49460	
MG-6620 A	7-39092	3-53454	3-49460	
MGX-6620A	TBA	TBA	3-49460	
MGX-6620SC	TBA	TBA	3-49460	
MGX-6620RV	TBA	TBA	3-49460	
MG-6650 SC	1018375E	B3504AU	A7119AA	B3649M
MG-6690 SC	1020350B	B3504AU	A7119AA	B3649M
MG-6848 SC	1019086B	B3504AU	A7119AA	B3649M
MG-6984 A	7-38495	3-49859	3-49460	
MG-6984 A (FS)	7-38510			
MG-6984 SC	7-37481 / 7-38452	3-49836	3-49460	
MG-6984 SC (FS)	7-37008			
MG-6984 RV	7-37042	3-49878	3-49460	
MG-61242 A	TBA	3-49885	3-49460	
MG-61242 A (FS)	7-37046			
MG-61242 SC	TBA	3-49849	3-49460	
MG-61242 SC (FS)	7-37017			
MG-61242 RV	7-37049	3-49887	3-49460	

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

* Preliminary drawings only - do not use for construction.