

# SPECIFICATIONS FOR SMD 300 Twin Rudder

STRUT	316 STAINLESS STEEL (casted)
RUDDERS	304 STAINLESS STEEL PLATE, 1 3/8" AQ 19 SHAFT
PROPELLER SHAFT	1 1/2" AQUAMET 19 STAINLESS STEEL
TWIN TIE BAR	MANGANESE BRONZE SWIVEL SOCKETS WITH 304L SS TIE BAR
DRIVE HOUSING COVER	XM 2408 BI-AXIAL FIBERGLASS COMPOSITR, NON SKID ON TOP
DRIVE HOUSING	XM 2408 BI-AXIAL FIBERGLASS COMPOSITE
RESIN	POLYSTER ALPHA-OWENS CORNING 80-6044
RUDDER PORT	1 3/8" MAGANESE BRONZE
SHAFT PACKING BOX	1 1/2" MAGANESE BRONZE WITH "DRIP FREE PACKING"
CUTTLASS BEARING	NON-METALLIC BYPLEX BEARING 1 1/2" X 2 3/8" X 6 1/2"
—	
MAXIMUM PROPELLER	22" STANDARD MODEL
STANDARD INPUT TORQUE LIMITS $\frac{HP \times 5252 \times RED. RATIO}{RATED ENGINE RPM} = \frac{TORQUE^{**}}{FOOT LBS.}$	800 FT. lbs. TORQUE AQ19SHAFT

\*\* FOR COMMERCIAL OR HEAVY DUTY USE, MULTIPLY X 1.2

SIMPLICITY MARINE DRIVES: INCLUDES THE FOLLOWING AS STANDARD

SMD UNIT WITH PROPER TRANSOM ANGLE TO MATCH BOAT (BUYER PROVIDES ANGLE)  
 RUDDER TILLER ARM TO HOOK UP TO OWNERS STEERING SYSTEM AND TIR BAR ON TWINS  
 STANDARD SHAFT LENGTH 12" FORWARD OF TRANSOM, SMD 600-SMD 800 18" FORWARD  
 BRONZE SHAFT PACKING BOX  
 ELECTROLYSIS KIT  
 NECESSARY HARDWARE TO MOUNT TO TRANSOM  
 INSTALLATION TEMPLATES AND MANUALS

CORRECT UNIT SELECTION IS DETERMINED BY ENGINE HORSEPOWER, RPM'S, REDUCTION RATIO, INPUT TORQUE, VESSEL TYPE AND PROPELLER TYPE AND SIZE. THESE SPECIFICATION ARE INTENDED ONLY AS A GENERAL GUIDE. CONSULT WITH SIMPLICITY MARINE DRIVES FOR SPECIFIC APPLICATIONS. SIMPLICITY MARINE DRIVES RESERVES THE RIGHT TO CHANGE SPECIFICATIONS WITHOUT NOTICE OR OBLIGATION. SPEC-3 EFF 9-15-96

