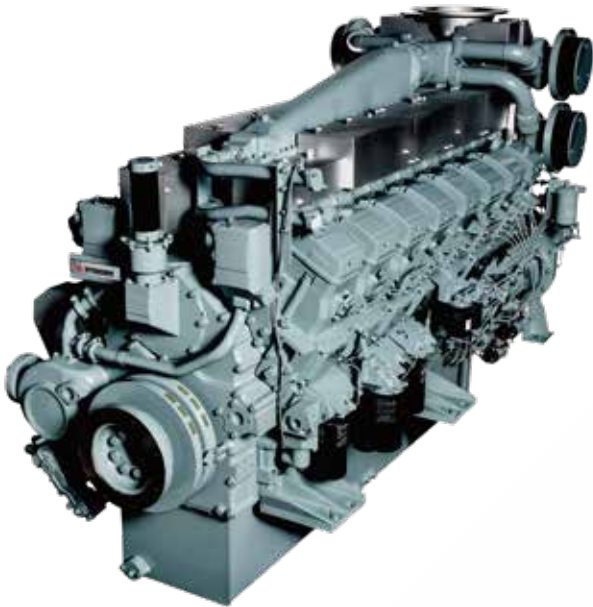


# 1676 hp (1250 kW) @ 1600 rpm Marine Diesel Engine



## S16R-Y3MPTAW-3

### BEST-IN-CLASS FEATURES

EPA TIER III CERTIFIED	FOR MARINE PROPULSION WITH SIMPLE AND ROBUST MECHANICAL CONTROLS
LARGE DISPLACEMENT	BIG BORE ENGINE FOR HARD-WORKING BOATS. MORE DISPLACEMENT THAN OTHER MAJOR MANUFACTURERS ENSURES LESS STRESS ON THE COMPONENTS AND LONG, TROUBLE-FREE EQUIPMENT LIFE
EASY MAINTENANCE	NO COMPUTER NEEDED TO SERVICE THE SIMPLE AND ROBUST MECHANICAL CONTROLS. INDIVIDUAL CYLINDER HEADS AND CRANKSHAFT ACCESS PORTS ALLOW FOR A TRUE IN-FRAME OVERHAUL
RATING	MITSUBISHI RATING IS EQUIVALENT TO UNRESTRICTED CONTINUOUS RATINGS OFFERED IN NORTH AMERICA
LEGENDARY QUALITY	ENGINES ARE DESIGNED, MANUFACTURED AND TESTED IN JAPAN TO MEET THE QUALITY EXPECTATIONS OF THE DEMANDING JAPANESE MARKET

### SPECIFICATIONS

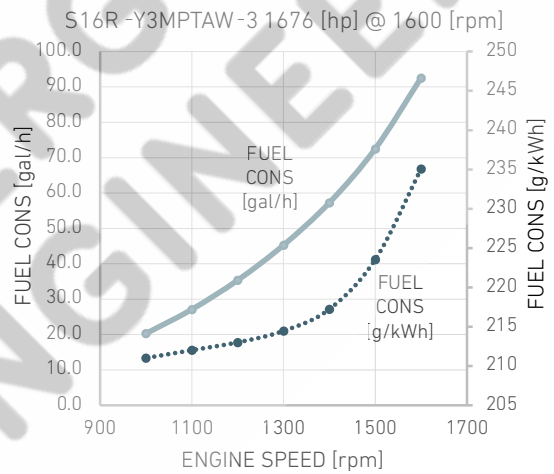
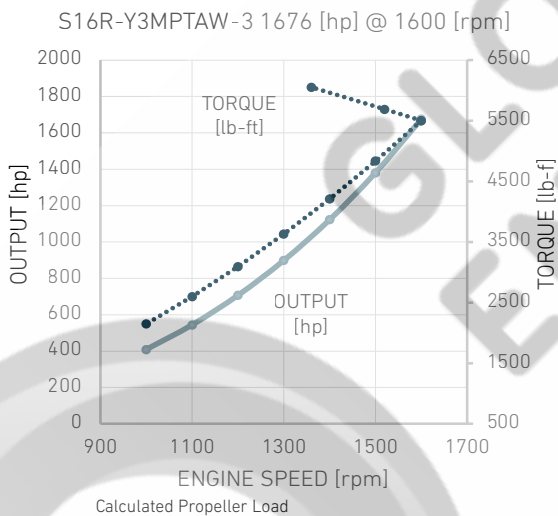
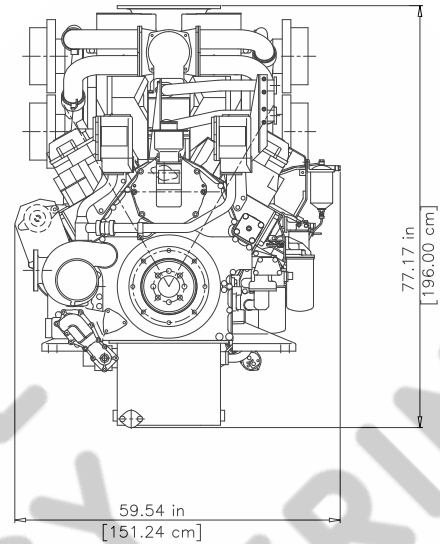
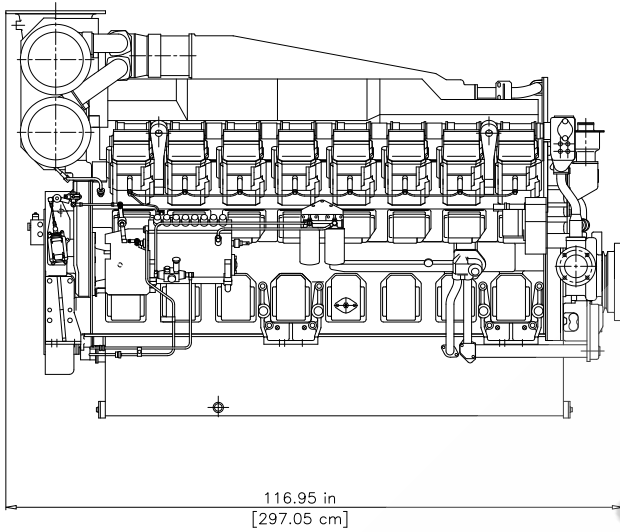
COMBUSTION	-----	4-STROKE COMPRESSION IGNITION, 14.5:1 CR
DISPLACEMENT	-----	65 LITER, 12-CYLINDER VEE
BORE X STROKE	-----	170 X 180 MM (6.69 X 7.09 IN)
WEIGHT	-----	DRY 6780 KG (14950 LB) / WET 7195 KG (15865 LB)
FLYWHEEL AND HOUSING	-----	SAE #00, 21-INCH, 193-TOOTH FLYWHEEL
ASPIRATION	-----	TURBOCHARGED, AFTERCOOLED
EXHAUST	-----	DRY MANIFOLD
COOLING	-----	DUAL-CIRCUIT, KEEL COOLED
OIL PAN CAPACITY	-----	260 LITER (69 US GAL)
LUBE OIL SYSTEM	-----	OIL COOLER, FULL FLOW + BYPASS OIL FILTER
FUEL SYSTEM	-----	MECHANICAL, 2 x PS8 INLINE PUMPS
GOVERNOR	-----	HYDRAULIC, WOODWARD PSG
STARTING SYSTEM	-----	24V, 2 X 7.5KW; OPTIONAL AIR START

### STANDARD EQUIPMENT

COOLING:	HEAVY-DUTY JACKET WATER PUMP, OIL COOLER, THERMOSTATS
FUEL SYSTEM:	MECHANICAL FEED PUMP, FULL-FLOW FUEL FILTER
ELECTRICAL:	2 x 7.5KW STARTER, 35A ALTERNATOR, STOP SOLENOID, STARTER SAFETY RELAY
PTO:	1-GROOVE FRONT PTO PULLEY, UP TO 470kW (630 hp) DIRECT DRIVE FRONT TAKE-OFF
OTHER:	MATING FLANGES, SPARE MAINTENANCE PARTS AND TOOLS
OPTIONS:	AIR START, I/C PUMP KIT, DIGITAL DISPLAY WITH DATALOGGING, GAUGE PANELS

DISCLAIMER All information provided is believed to be correct but is not guaranteed and subject to change without notice

# S16R-Y3MPTAW-3/ 1676 hp (1250 kW) @ 1600 rpm



Fuel Consumption is based on ISO3046/1 with +5% tolerance at rated power and 0.8389 fuel specific gravity

S16R-Y3MPTAW-3 1676 [hp] @ 1600 [rpm]

LOAD	SPEED [rpm]	OUTPUT [hp]	TORQUE [lb-ft]
100%	1600	1676	5501
82%	1500	1381	4835
67%	1400	1123	4212
54%	1300	899	3632
42%	1200	707	3095
32%	1100	545	2600
24%	1000	409	2149

S16R-Y3MPTAW-3 1676 [hp] @ 1600 [rpm]

LOAD	SPEED [rpm]	FUEL CONS [gal/h]	FUEL CONS [l/h]
100%	1600	92.5	350.2
82%	1500	72.5	274.4
67%	1400	57.3	216.8
54%	1300	45.3	171.4
42%	1200	35.4	133.9
32%	1100	27.1	102.6
24%	1000	20.3	76.7
Average Fuel Consumption on ISO 8178 Cycle, Mode E3		60.4	228.7

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