

MARINE ENGINE

SM-103

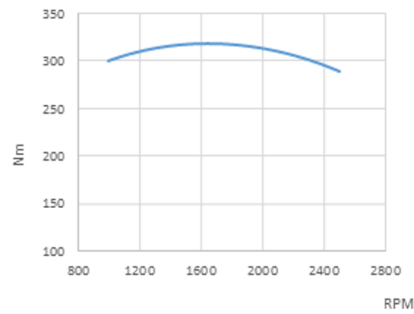
6 cylinders In line 103.0 CV (75.8 kW) 2500 Max RPM

Technical specifications

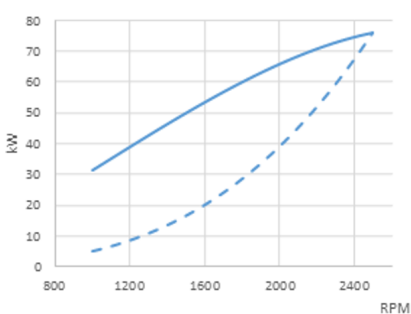
Base engine manufacturer	Mitsubishi
Type	Diesel, 4 stroke
Number of cylinders	6, In line
Intake system	Naturally aspirated
Bore x Stroke	94 mm x 120 mm (3.7 in x 4.72 in)
Total displacement	4996 cc
Compression ratio	22:1
Intermittent powerSN_ (ISO3046/1)	103.0 CV (75.8 kW)
Continuous power	93.0 CV (68.2 kW)
Max RPM	2500
Injection system	Mechanical and indirect
Starter motor	12 V (3 kW)
Alternator	95 A (12 V)
Maximum operating angle	15 °
Rotation (viewed from flywheel side)	Counterclockwise
Cooling system	Sea water heat exchanger and coolant closed circuit
Dry weight without gearbox	408 Kg (899.5 lb)
Sea water hose inner diameter	32 mm (1.26 in)
Fuel feeding hose inner diameter	8 mm (0.31 in)
Fuel return hose inner diameter	- (- in)
Exhaust hose inner diameter	75 mm (2.95 in)
Certifications and emissions	-
Emission compliance	No emissions

Performance curves

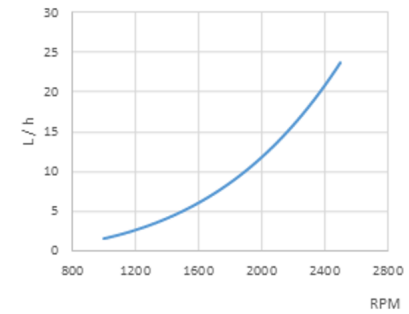
Crankshaft torque



Power (ISO 3046/1)



Fuel consumption



## Panel



Dimensions: 255 x 160mm

### Panel SSG 30 Panel 12V White Standard

- Revolution counter with multifunction display
- Coolant temperature and oil pressure gauge
- Voltage indicator and battery charge fault
- High coolant temperature alarm
- Low oil pressure alarm
- Preheating indicator
- Front IP65 protection and anti-fog glass
- 5-position key

## Accessories

### Standard equipment

- Instrument panel SSG 30
- 4 m electrical extension lead
- Oil extraction pump
- Owner's manual and spare parts manual

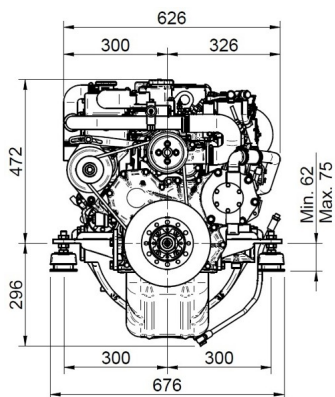
### Optional equipment & kits

- Twin instrument panel installation
- Twin alternator
- Earth isolated electrical system
- Dry exhaust system
- Keel cooling
- Power takeoff shaft or pulley
- Calorifier Connections
- Drivetrain: propeller, shaft, stern tube
- Water and fuel filters
- Water, exhaust and die

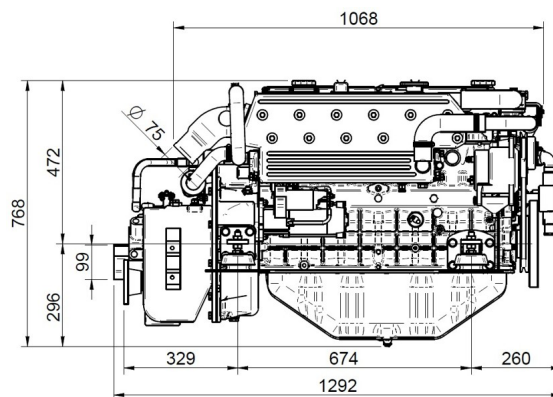
## Gearboxes

Model	Type	Output °	Reductions (light Duty)	Reductions (heavy Duty)	Engine weight w/gbox
DMT-25AL	Hydraulic	0°	-	-	492 Kg (1084 Lbs)
DMT-50A	Hydraulic	0°	-	3.45:1	559 Kg (1232 Lbs)
PRM-500D	Hydraulic	0°	2.90:1	2.90:1	483 Kg (1064 Lbs)
PRM-750C	Hydraulic	0°	2.57:1-2.90:1	2.57:1-2.90:1	508 Kg (1120 Lbs)
TM-170	Hydraulic	0°	1.50:1-2.04:1-2.50:1-2.94:1	1.50:1-2.04:1-2.50:1-2.94:1	490 Kg (1080 Lbs)
TM-485A1	Hydraulic	8°	2.40:1	-	450 Kg (993 Lbs)
TM-880A	Hydraulic	10°	1.53:1-2.08:1-2.60:1	1.53:1-2.08:1-2.60:1	468 Kg (1033 Lbs)
TM-93	Hydraulic	0°	1.51:1-2.09:1-2.40:1-2.77:1	1.51:1-2.09:1-2.40:1	467 Kg (1031 Lbs)
TM-93A	Hydraulic	8°	1.51:1-2.09:1-2.40:1	-	467 Kg (1031 Lbs)
ZF 68 IV	Hydraulic	12°	2.00:1-2.48:1	2.00:1-2.48:1	477 Kg (1051 Lbs)

## Dimensions



SM-103 Engine TM-93 2.09:1 Gbox.



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