

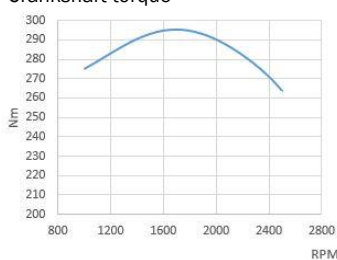
SM-94 Engine TM-345 2.00:1 Gbox.

Technical Specifications

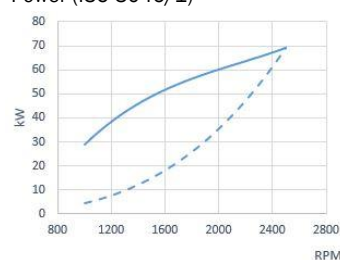
Base engine manufacturer	Mitsubishi
Type	Diesel, 4 stroke
Number of cylinders	4, in line
Intake system	Turbocharged
Bore x Stroke	94 mm x 120 mm (3,7 in x 4,72 in)
Total displacement	3331 cc
Compression ratio	19:1
Intermittent power (ISO3046/1)	94 HP (m) (69 kW)
Continuous power	84,5 HP (m) (62,1 kW)
RPM	2500
Injection system	Mechanical and direct
Starter motor	12 V (2,2 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	308 Kg (679 lb)
Sea water hose diameter	32 mm (1,26 in)
Fuel feeding hose diameter	8 mm (0,31 in)
Fuel return hose diameter	8 mm (0,31 in)
Exhaust hose diameter	75 mm (2,95 in)
Certifications	-
Emission compliance	EU: RCD II (DIR. 2013/53/EU)

Performance Curves

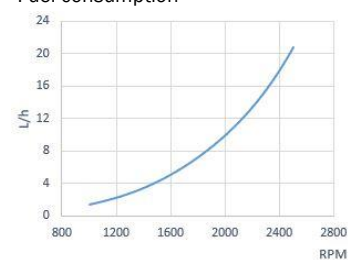
Crankshaft torque



Power (ISO 3046/1)



Fuel consumption



Panel



Panel SVT 30 Standard

Tachometer including hour meter

Coolant temperature gauge

Pre heating pilot light

Low battery alarm

High temperature alarm

Low oil pressure alarm

5 Positions key

Oil pressure gauge

Battery voltage indicator

Dimensions: 205 x 155 mm

Accessory

Scope of Supply

Instrument panel SVT 30

4 m electrical extension lead

Silentblocks

Oil extraction pump

Owner's manual and spare parts manual

Optional Equipment

Twin instrument panel installation

Twin alternator

Earth isolated electrical system

Dry exhaust system

Keel cooling

Power takeoff shaft or pulley

Heater inlet

Drivetrain: propeller, shaft, sterntube

Water and fuel filters

Water, exhaust and diesel fuel hoses

Gearbox

Model	Type	Down angle	Reduction Ratio (Light Duty)	Reduction Ratio (Cont. Duty)	Engine Weight with Gearbox
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	389 Kg (857 Lbs)
TM-345	Hydraulic	0°	2.00:1	-	338 Kg (745 Lbs)
TM-345A	Hydraulic	8°	1.54:1-2.00:1	-	338 Kg (745 Lbs)
TM-485A1	Hydraulic	8°	1.51:1-2.09:1-2.40:1	1.51:1-2.09:1-2.40:1	349 Kg (769 Lbs)
TM-880A	Hydraulic	10°	1.53:1-2.08:1-2.60:1	1.53:1-2.08:1-2.60:1	367 Kg (809 Lbs)
TM-93	Hydraulic	0°	1.51:1-2.09:1-2.40:1-2.77:1	1.51:1-2.09:1-2.40:1-2.77:1	366 Kg (807 Lbs)
TM-93A	Hydraulic	8°	1.51:1-2.09:1-2.40:1	-	366 Kg (807 Lbs)
ZF 68 IV	Hydraulic	12°	1.29:1-1.56:1-2.00:1-2.48:1	1.29:1-1.56:1-2.00:1-2.48:1	376 Kg (829 Lbs)

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