

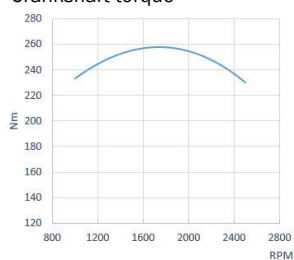
SM-82 Engine TM-345 2.00:1 Gbox.

### Technical Specifications

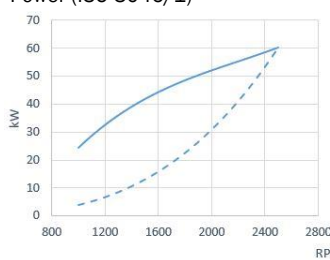
<b>Base engine manufacturer</b>	Mitsubishi
<b>Type</b>	Diesel, 4 stroke
<b>Number of cylinders</b>	4, in line
<b>Intake system</b>	Turbocharged
<b>Bore x Stroke</b>	94 mm x 120 mm (3,7 in x 4,72 in)
<b>Total displacement</b>	3331 cc
<b>Compression ratio</b>	19,5:1
<b>Intermittent power (ISO3046/1)</b>	82 HP (m) (60,3 kW)
<b>Continuous power</b>	73,8 HP (m) (54,3 kW)
<b>RPM</b>	2500
<b>Injection system</b>	Mechanical and direct
<b>Starter motor</b>	12 V (2,2 kW)
<b>Alternator</b>	95 A (12 V)
<b>Maximum operating angle</b>	15°
<b>Rotation (viewed from flywheel side)</b>	Counterclockwise
<b>Cooling system</b>	Sea water heat exchanger and coolant closed circuit
<b>Dry weight without gearbox</b>	308 Kg (679 lb)
<b>Sea water hose diameter</b>	32 mm (1,26 in)
<b>Fuel feeding hose diameter</b>	8 mm (0,31 in)
<b>Fuel return hose diameter</b>	8 mm (0,31 in)
<b>Exhaust hose diameter</b>	75 mm (2,95 in)
<b>Certifications</b>	-
<b>Emission compliance</b>	EU: RCD II (DIR. 2013/53/EU)

### Performance Curves

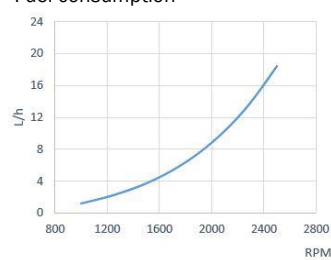
Crankshaft torque



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	1.51:1	366 Kg (807 Lbs)
TMC-260	Mechanical	0°	1.54:1-2.00:1	-	331 Kg (730 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)

Authorized Dealer

www.solediesel.com

info@solediesel.com

Detailed drawings, brochures and manuals are available on the web solediesel.com. All rights reserved. Technical specifications, data and presentation are subjected to variations, changes and updates without prior notice. Non-contractual information.

