



MARINE ENGINE

MINI-55

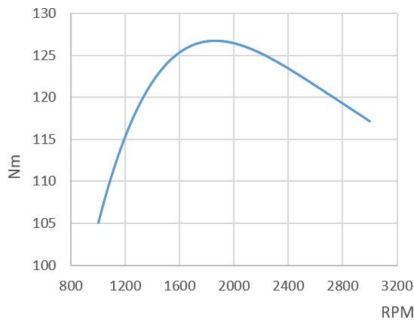
4 cylinders In line 50.0 CV (36.8 kW) 3000 Max RPM

Technical specifications

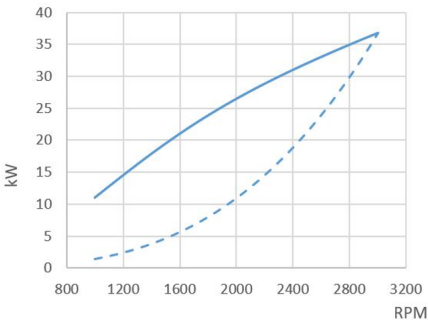
Base engine manufacturer	Mitsubishi
Type	Diesel, 4 stroke
Number of cylinders	4, In line
Intake system	Turbocharged
Bore x Stroke	78 mm x 92 mm (3.07 in x 3.62 in)
Total displacement	1758 cc
Compression ratio	22:1
Intermittent powerSN_ (ISO3046/1)	50.0 CV (36.8 kW)
Continuous power	45.0 CV (33.1 kW)
Max RPM	3000
Injection system	Mechanical and indirect
Starter motor	12 V (1.7 kW)
Alternator	120 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	184 Kg (405.6 lb)
Sea water hose inner diameter	26 mm (1.02 in)
Fuel feeding hose inner diameter	8 mm (0.31 in)
Fuel return hose inner diameter	5 mm (5 in)
Exhaust hose inner diameter	60 mm (2.36 in)
Certifications and emissions	-
Emission compliance	EU: RCD II (DIR. 2013/53/EU)

Performance curves

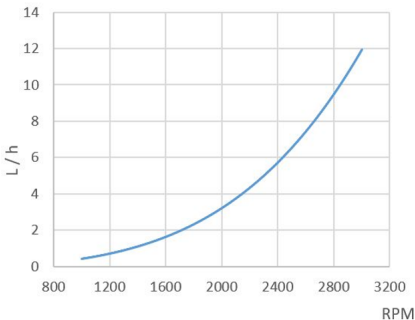
Crankshaft torque



Power (ISO 3046/1)



Fuel consumption



## Panel



Dimensions: 180 x 140mm

### Panel SSG 20 12V White Standard

Revolution counter with multifunction display  
Coolant temperature and oil pressure indicator  
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



Dimensions: 255 x 160mm

### Panel SSG 30 Panel 12V White Optional

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 20  
3 m electrical extension lead  
Anti Vibration Mounts  
Oil extraction pump  
Owner's manual and spare parts manual

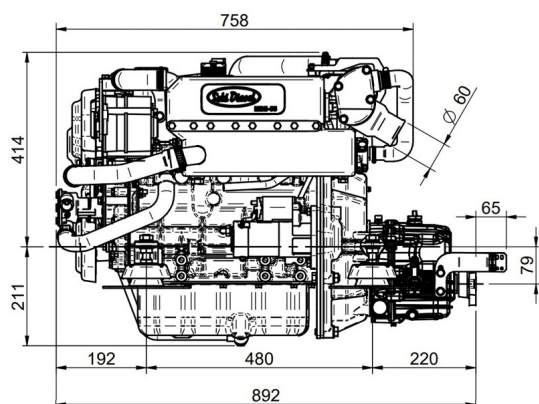
### Optional equipment & kits

SSG 30 panel  
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 diesel fuel hoses

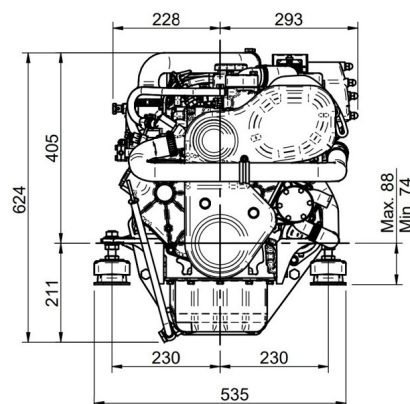
## Gearboxes

Model	Type	Output °	Reductions (light Duty)	Reductions (heavy Duty)	Engine weight w/gbox
SP 60	Mechanical	0°	2.15:1	-	230 Kg (507 Lbs)
TM-345	Hydraulic	0°	1.54:1-2.00:1-2.47:1	1.54:1-2.00:1-2.47:1	212 Kg (467 Lbs)
TM-345A	Hydraulic	8°	2.00:1-2.47:1	2.00:1-2.47:1	212 Kg (467 Lbs)
TM-93	Hydraulic	0°	2.09:1-2.40:1-2.77:1	2.09:1-2.40:1-2.77:1	240 Kg (530 Lbs)
TMC-260	Mechanical	0°	2.00:1-2.47:1	2.00:1-2.47:1	205 Kg (451 Lbs)
TMC-60A	Mechanical	7°	2.00:1-2.45:1	-	200 Kg (442 Lbs)
TMC-60P	Mechanical	0°	1.55:1-2.00:1-2.45:1	1.55:1	200 Kg (442 Lbs)
TTMC35P	Mechanical	0°	1.96:1	-	198 Kg (438 Lbs)
ZF 15 MIV	Mechanical	15°	2.13:1	-	207 Kg (456 Lbs)

## Dimensions



MINI-55 v6 Engine TMC-60P 2.00:1 Gbox.



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