

## MARINE ENGINE

# MINI-74

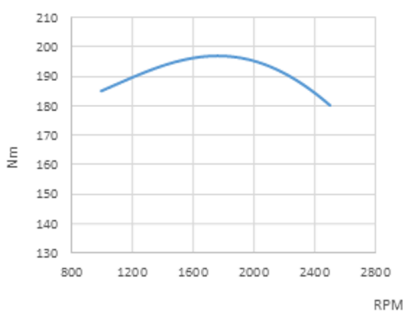
4 cylinders In line 64.0 CV (47 kW) 2500 Max RPM

## Technical specifications

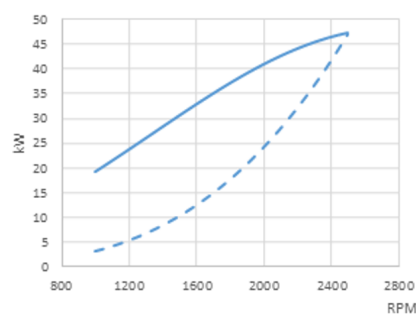
Base engine manufacturer	Mitsubishi
Type	Diesel, 4 stroke
Number of cylinders	4, In line
Intake system	Naturally aspirated
Bore x Stroke	94 mm x 120 mm (3.7 in x 4.72 in)
Total displacement	3331 cc
Compression ratio	22:1
Intermittent power <sub>SN_ (ISO3046/1)</sub>	64.0 CV (47 kW)
Continuous power	58.0 CV (42.3 kW)
Max RPM	2500
Injection system	Mechanical and indirect
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	300 Kg (661.4 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	EU: RCD II (DIR. 2013/53/EU)

## Performance curves

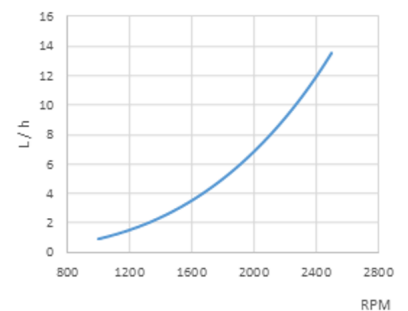
Crankshaft torque



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
- Anti Vibration Mounts
- Oil extraction pump
- Owner's manual and spare parts manual

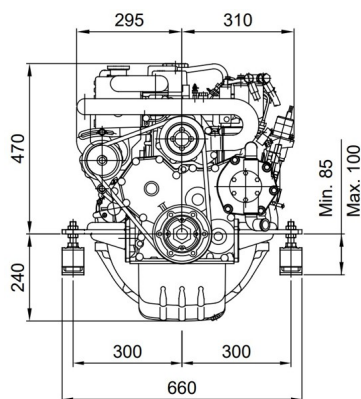
### Optional equipment & kits

- 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

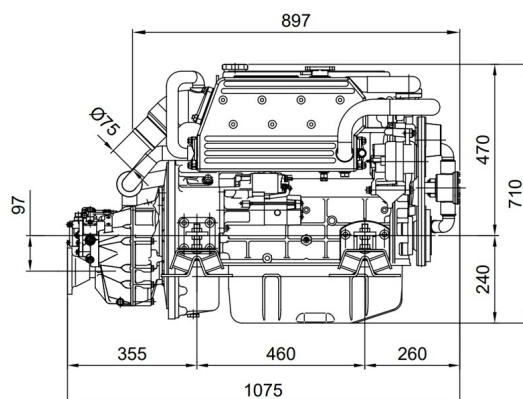
## Gearboxes

Model	Type	Output °	Reductions (light Duty)	Reductions (heavy Duty)	Engine weight w/gbox
DMT-25AL	Hydraulic	0°	-	3.32:1	382 Kg (843 Lbs)
DMT-50A	Hydraulic	0°	-	3.12:1-3.45:1	449 Kg (991 Lbs)
TM-170	Hydraulic	0°	2.94:1	2.94:1	380 Kg (838 Lbs)
TM-345	Hydraulic	0°	2.00:1-2.47:1	2.00:1	329 Kg (727 Lbs)
TM-345A	Hydraulic	8°	2.00:1-2.47:1	2.00:1	329 Kg (727 Lbs)
TM-880A	Hydraulic	10°	2.60:1	2.60:1	359 Kg (791 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	358 Kg (789 Lbs)
TM-93A	Hydraulic	8°	1.51:1-2.09:1-2.40:1	1.51:1-2.09:1-2.40:1	358 Kg (789 Lbs)
TMC-260	Mechanical	0°	2.00:1-2.47:1	2.00:1	322 Kg (711 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	367 Kg (809 Lbs)

## Dimensions



MINI-74 Engine TM-345 2.00:1 Gbox.



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