



MARINE ENGINE

SK-80

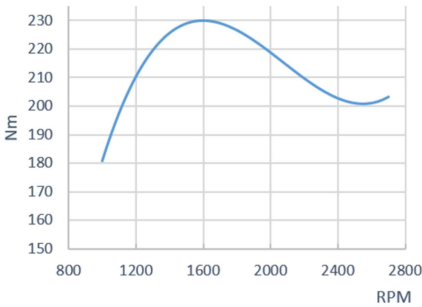
4 cylinders In line 76.0 CV (55.9 kW) 2700 R. P. M. min

Technical specifications

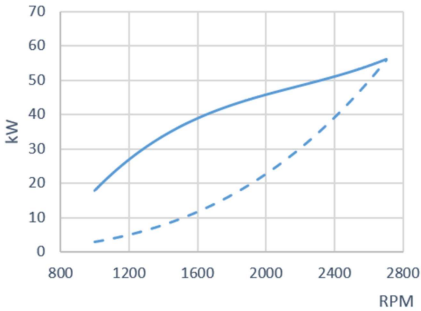
Base engine manufacturer	Kubota
Type	Diesel, 4 stroke
Number of cylinders	4, In line
Intake system	Turbocharged intercooler
Bore x Stroke	87 mm x 102.4 mm (3.43 in x 4.03 in)
Total displacement	2434 cc
Compression ratio	22,5:1
Intermittent powerSN_ (ISO3046/1)	76.0 CV (55.9 kW)
Continuous power	68.0 CV (50.3 kW)
R. P. M. min	2700
Injection system	Mechanical and indirect
Starter motor	12 V (2 kW)
Alternator	120 A (12 V)
Maximum operating angle	20 °
Rotation (viewed from flywheel side)	Counterclockwise
Cooling system	Sea water heat exchanger and coolant closed circuit
Dry weight without gearbox	239 Kg (526.9 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	5 mm (5 in)
Exhaust hose inner diameter	75 mm (2.95 in)
Certifications and emissions	-
Emission compliance	RCD 2 (DIR. 2013/53/EU)

Performance curves

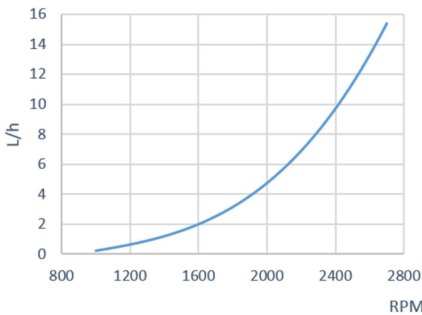
Crankshaft torque



Power (ISO 3046/1)



Fuel consumption



Panel



- 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



- Panel SSG 30 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

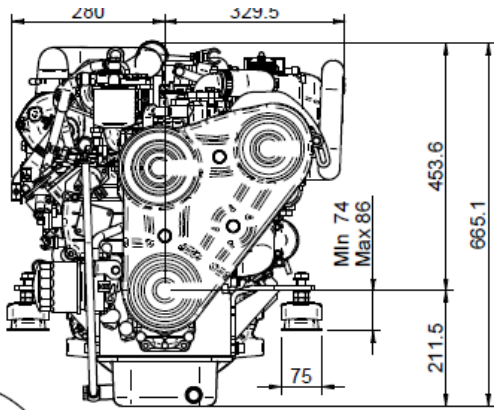
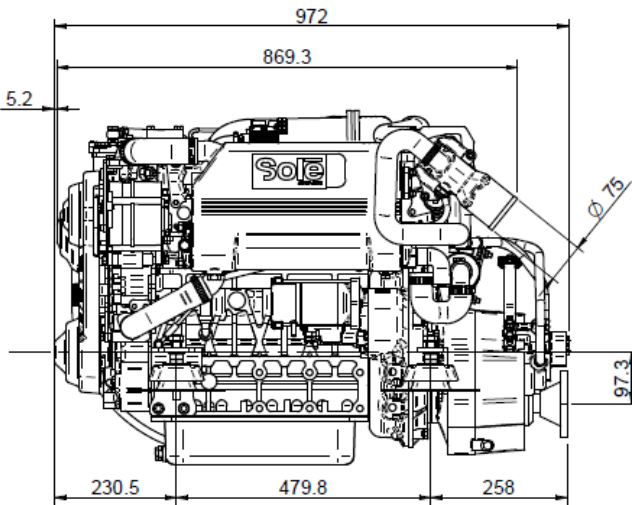
- Standard equipment**
- Instrument panel SSG 20
 - 4 m electrical extension lead
 - Anti Vibration Mounts
 - Oil extraction pump
 - Owner’s manual and spare parts manual

- 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
 - Calorfier 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
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	318 Kg (702 Lbs)
TM-345	Hydraulic	0°	1.54:1-2.00:1		267 Kg (590 Lbs)
TM-345A	Hydraulic	8°	1.54:1-2.00:1		267 Kg (590 Lbs)
TM-880A	Hydraulic	10°	1.53:1-2.08:1-2.60:1	1.53:1-2.08:1-2.60:1	297 Kg (655 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	296 Kg (653 Lbs)
TM-93A	Hydraulic	8°	1.51:1	1.51:1	296 Kg (653 Lbs)
TMC-260	Mechanical	0°	1.54:1-2.00:1		260 Kg (574 Lbs)
ZF 68 IV	Hydraulic	12°	1.56:1-2.00:1	1.56:1-2.00:1	305 Kg (673 Lbs)
ZF SD 15	Mechanical	0°	2.50:1		349 Kg (769 Lbs)

Dimensions



SK-80 shown with TM345