

MARINE ENGINE

SDZ-165

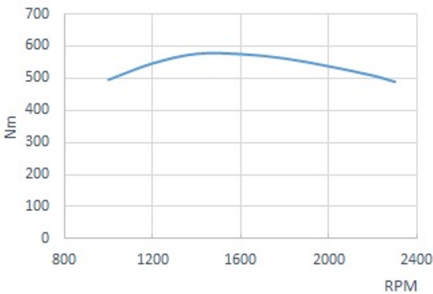
4 cylinders In line 160.0 CV (118 kW) 2300 Max RPM

Technical specifications

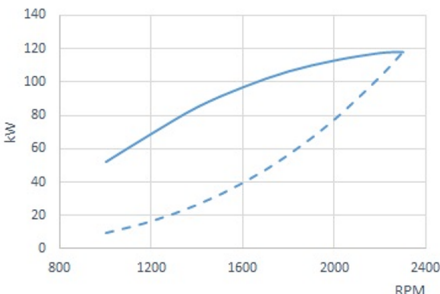
Base engine manufacturer	Deutz
Type	Diesel, 4 stroke
Number of cylinders	4, In line
Intake system	Turbocharged
Bore x Stroke	108 mm x 130 mm (4.25 in x 5.12 in)
Total displacement	4764 cc
Compression ratio	17,5:1
Intermittent powerSN_ (ISO3046/1)	160.0 CV (118 kW)
Continuous power	144.0 CV (106.2 kW)
Max RPM	2300
Injection system	Mechanical and direct
Starter motor	24 V (4 kW)
Alternator	55 A (24 V)
Maximum operating angle	10 °
Rotation (viewed from flywheel side)	Counterclockwise
Cooling system	Sea water heat exchanger and coolant closed circuit
Dry weight without gearbox	555 Kg (1223.6 lb)
Sea water hose inner diameter	42 mm (1.65 in)
Fuel feeding hose inner diameter	12 mm (0.47 in)
Fuel return hose inner diameter	12 mm (12 in)
Exhaust hose inner diameter	90 mm (3.54 in)
Certifications and emissions	-
Emission compliance	No emissions

Performance curves

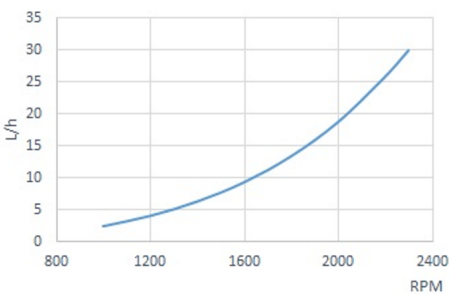
Crankshaft torque



Power (ISO 3046/1)



Fuel consumption



Panel



Dimensions: 255 x 160mm

Panel SSG 30 Panel 24V 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
- Oil extraction pump
- Owner’s manual and spare parts manual

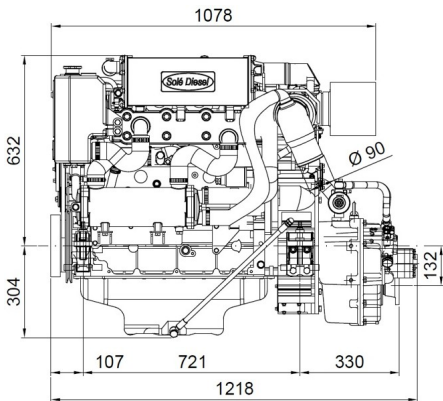
Optional equipment & kits

- 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

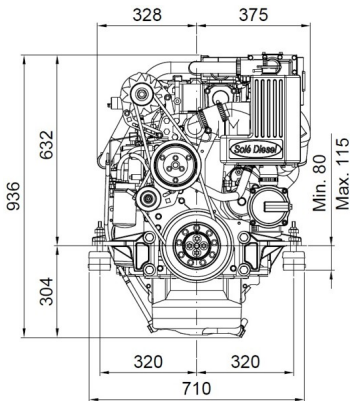
Gearboxes

Model	Type	Output °	Reductions (light Duty)	Reductions (heavy Duty)	Engine weight w/gbox
DMT-100HL	Hydraulic	0°	-	5.95:1	830 Kg (1829 Lbs)
DMT-100IV	Hydraulic	14°	-	2.12:1	715 Kg (1577 Lbs)
TM-170	Hydraulic	0°	1.50:1-2.04:1-2.50:1-2.94:1	1.50:1-2.04:1	639 Kg (1409 Lbs)
TM-200B	Hydraulic	0°	-	3.60:1-4.48:1	801 Kg (1767 Lbs)
TM-880A	Hydraulic	10°	1.53:1-2.08:1-2.60:1	1.53:1-2.08:1	618 Kg (1362 Lbs)
ZF 68 IV	Hydraulic	12°	1.56:1-2.00:1	-	626 Kg (1380 Lbs)

Dimensions



SDZ-165 24V Engine TM-170 2.04:1 Gbox.



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