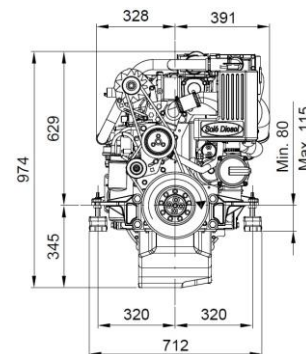
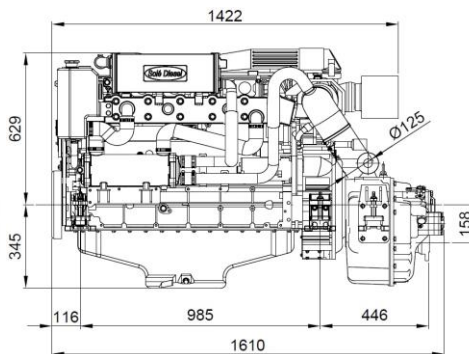


MARINE ENGINE

SDZ-280/SDZ-280R

6 cylinders in line 272 HP (m) (200 kW) 2300 RPM
 6 cylinders in line 175 HP (m) (129 kW) 1600 RPM



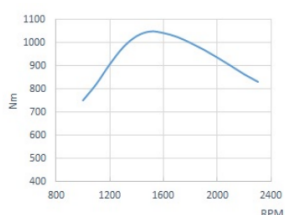
SDZ-280 24V Engine TM-265 2.09:1 Gbox.
 SDZ-280R 24V Engine TM-265 2.09:1 Gbox.

Technical Specifications

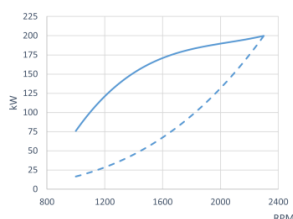
Base engine manufacturer	Deutz	
Type	Diesel, 4 stroke	
Number of cylinders	6, in line	
Intake system	Turbocharged with intercooler	
Bore x Stroke	108 mm x 130 mm (4,25 in x 5,12 in)	
Total displacement	7146 cc	
Compression ratio	17.5:1	
Rating	S2 (SDZ-280)	S1 (SDZ-280R)
Intermittent power (ISO3046/1)	272 HP (m) (200 kW)	
Continuous power	244,8 HP (m) (180 kW)	175 HP (m) (129 kW)
RPM	2300	1600
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	680 Kg (1499,1 lb)	
Sea water hose diameter	42 mm (1,65 in)	
Fuel feeding hose diameter	12 mm (0,47 in)	
Fuel return hose diameter	12 mm (0,47 in)	
Exhaust hose diameter	125 mm (4,92 in)	
Certifications	-	
Emission compliance	To consult	

Performance Curves

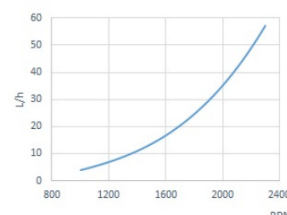
Crankshaft torque



Power ISO 3046/1



Fuel consumption



S2 (SDZ-280) —————

————— - - - - -

Engine Power Propeller Power

1 kW \cong 1,36 CV 1 kW \cong 1,36 HP (metric) 1 kW \cong 1,36 CH

Ratings R1 & R2, see explanation in Ratings - Solé Diesel Propulsion Engines

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

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
DMT-100HL	Hydraulic	0°	-	4.07:1-4.50:1-4.95:1-5.29:1	957 Kg (2109 Lbs)
DMT-100IV	Hydraulic	14°	-	2.12:1	842 Kg (1856 Lbs)
TM-1200A	Hydraulic	7°	1.44:1-2.00:1-2.30:1	1.44:1-2.00:1	807 Kg (1779 Lbs)
TM-265	Hydraulic	0°	1.50:1-2.09:1-2.82:1	-	858 Kg (1891 Lbs)
TM-265A	Hydraulic	7°	1.44:1-2.00:1-2.30:1	-	858 Kg (1891 Lbs)
TM-360	Hydraulic	0°	-	3.50:1-4.00:1	1111 Kg (2449 Lbs)

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