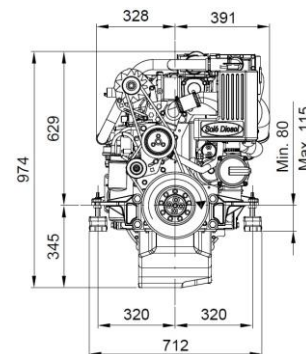
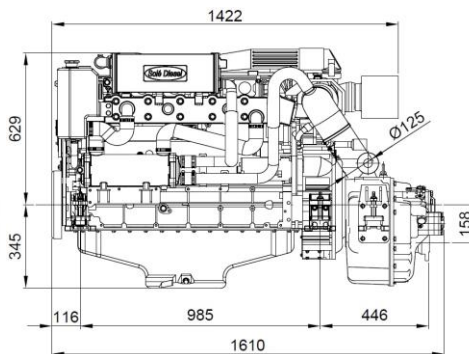


MARINE ENGINE

# SDZ-280/SDZ-280R

6 cylinders in line 272 HP (m) (200 kW) 2300 RPM  
 6 cylinders in line 195 HP (m) (143 kW) 1600 RPM

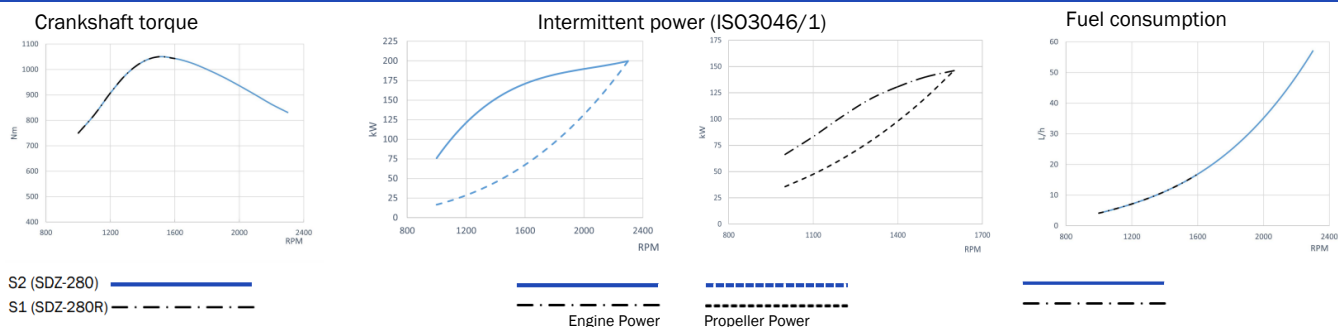


SDZ-280 24V Engine TM-265 2.09:1 Gbox.  
 SDZ-280R 24V Engine TM-265 2.09:1 Gbox.

## Technical Specifications

<b>Base engine manufacturer</b>	Deutz	
<b>Type</b>	Diesel, 4 stroke	
<b>Number of cylinders</b>	6, in line	
<b>Intake system</b>	Turbocharged with intercooler	
<b>Bore x Stroke</b>	108 mm x 130 mm (4,25 in x 5,12 in)	
<b>Total displacement</b>	7146 cc	
<b>Compression ratio</b>	17.5:1	
<b>Rating</b>	S2 (SDZ-280)	S1 (SDZ-280R)
<b>Intermittent power (ISO3046/1)</b>	272 HP (m) (200 kW)	195 HP (m) (143 kW)
<b>Continuous power</b>	244,8 HP (m) (180 kW)	175 HP (m) (129 kW)
<b>RPM</b>	2300	1600
<b>Injection system</b>	Mechanical and direct	
<b>Starter motor</b>	24 V (4 kW)	
<b>Alternator</b>	55 A (24 V)	
<b>Maximum operating angle</b>	10°	
<b>Rotation (viewed from flywheel side)</b>	Counterclockwise	
<b>Cooling system</b>	Sea water heat exchanger and coolant closed circuit	
<b>Dry weight without gearbox</b>	680 Kg (1499,1 lb)	
<b>Sea water hose diameter</b>	42 mm (1,65 in)	
<b>Fuel feeding hose diameter</b>	12 mm (0,47 in)	
<b>Fuel return hose diameter</b>	12 mm (0,47 in)	
<b>Exhaust hose diameter</b>	125 mm (4,92 in)	
<b>Certifications</b>	-	
<b>Emission compliance</b>	To consult	

## Performance Curves



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)

Authorized Dealer

[www.solediesel.com](http://www.solediesel.com)

[info@solediesel.com](mailto:info@solediesel.com)

Detailed drawings, brochures and manuals are available on the web [solediesel.com](http://solediesel.com). All rights reserved. Technical specifications, data and presentation are subjected to variations, changes and updates without prior notice. Non-contractual information.

