

PUMP SPECIFICATIONS

PAS 150HF300

150 mm Silenced Diesel Centrifugal Pump

Qmax 141 L/S	Hmax 51 m
Inlet Bauer 150 mm	Outlet Bauer 150 mm



PUMP SPECIFICATION

PAS 150HF 300

Dimensions	1100 x 2560 x 1705 mm
Material	S235JR EN 10025-2 carbon steel
Coatings	Epoxy powder, average thickness of 80 µm
Color	Yellow and grey
Features	Steel base
Battery	Acid charge Pb-Ca maintenance free, 12 V - 100 Ah - 400 A
Tank	355 l
Bunding	390l (110% of the total volume of the tank)
Emergency stop	Outside the canopy
Locking keys	Control panel door and canopy doors
Dry weight	1680 kg
Wet weight	1880 kg
Noise level (VL02)	66-71 dB(A) @10 m
Speed	1000-2200 rpm

SPEED

RPM	1800	2000	2200
Consumption [l/h]	11,2	12,3	12,8
Power [kW]*	45,2	49,3	51,2
Power [HP]	60,6	66,1	68,7

ENGINES

MAKE DEUTZ

Model	TD 2.9 L4 (ZD54)
Type	Diesel turbo common rail
Cooling	Liquid with radiator
Rpm type	Variable
Standard speed	1,600 rpm
Oil change interval	1000 h

FEATURES

Pump	High efficiency: 70% (B.E.P.)
Rapid "dry" priming	Up to a height of 8.5m
High resistance	To abrasive liquids and turbid sandy waters
Semi-open impeller	Solids handling up to 76 mm
Diaphragm vacuum pump	Oil free suitable for dry running: no contamination of the environment
Mechanical shaft seal in oil bath	It allows the "dry running" operation of the pump
Wear plate	Cast iron or stainless steel (F11) wear plate, that are easily replaceable
Easy maintenance	Without lifting devices: hinged cover for direct access to the impeller

PERFORMANCE CURVES

TEST ACCORDING TO UNI EN ISO 9906 STANDARD - LEVEL 2B

Test liquid	clean water, density 1,000 kg/m ³
Spherical solids handling	D.76 mm
Priming time	30 s from 1,5 m
Max absorbed power	51.2 kW – 68.7 HP (2.200 rpm)

