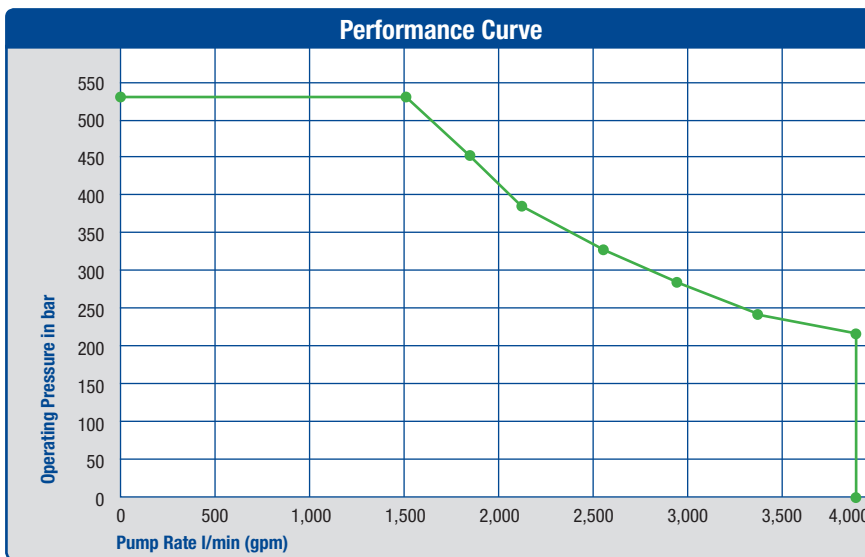
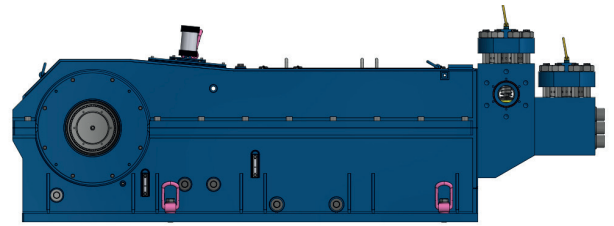
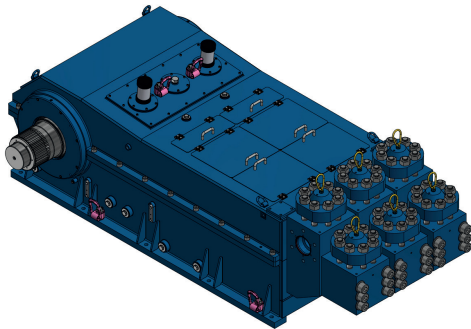


HDD Mud Pump PSE 80-305

Compact high-capacity pump for drilling fluids operating at pressures up to 530 bar.



Dimensions

L Total Length	4,326 mm
f Length only power end	3,270 mm
H Total Height	1,465 mm
B Total Width	2,140 mm
g Width excluding journal	1,792 mm
e Width from center line	1,229 mm

Piston-Ø	Inch	5	5.5	6	6.5	7	7.5	8
	mm	127	139.7	152.4	165.1	177.8	190.5	203.2
Operat. Pressure	bar (psi)	530 (7,687)	456 (6,614)	383 (5,555)	327 (4,743)	282 (4,090)	245 (3,553)	216 (3,133)
Revolutions		Pumping Rate l/min (gpm)						
130 min ⁻¹		1,507 (398)	1,823 (482)	2,170 (573)	2,547 (673)	2,953 (780)	3,390 (896)	3,857 (1,019)
120 min ⁻¹		1,391 (367)	1,683 (445)	2,003 (529)	2,351 (569)	2,726 (720)	3,130 (827)	3,561 (941)
110 min ⁻¹		1,275 (337)	1,543 (408)	1,836 (485)	2,155 (569)	2,499 (660)	2,869 (758)	3,264 (862)
100 min ⁻¹		1,159 (306)	1,403 (371)	1,669 (441)	1,959 (518)	2,272 (600)	2,608 (689)	2,967 (784)
90 min ⁻¹		1,043 (276)	1,262 (333)	1,502 (397)	1,763 (466)	2,045 (540)	2,347 (620)	2,671 (706)
80 min ⁻¹		927 (245)	1,122 (296)	1,335 (353)	1,567 (414)	1,817 (480)	2,086 (551)	2,374 (627)
70 min ⁻¹		811 (214)	982 (259)	1,168 (309)	1,371 (362)	1,590 (420)	1,826 (482)	2,077 (549)

Data Performance

Weight	approx. 24,000 kg
Pumping Rate	up to 3,857 l/min
Drive Power	up to 1,200 or 1,600 kW
Fluids	Drilling Suspension, Bentonite Mixture
Fluid Temperature	up to 90 °C
Piston Force Max.	750,000 N
Stroke	305 mm
Average Piston Speed	120 min ⁻¹ : 1.42 m/sec. 110 min ⁻¹ : 1.30 m/sec. 100 min ⁻¹ : 1.18 m/sec.