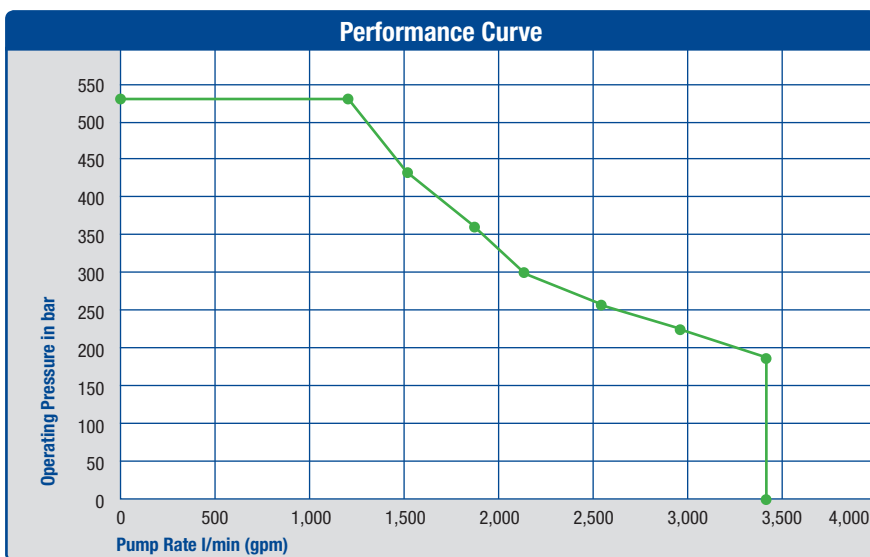
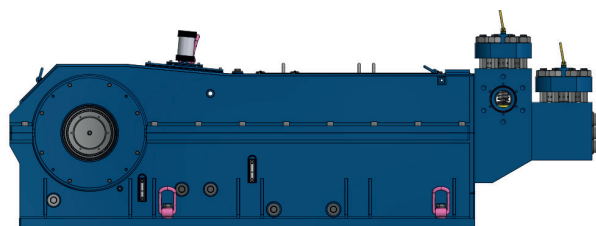
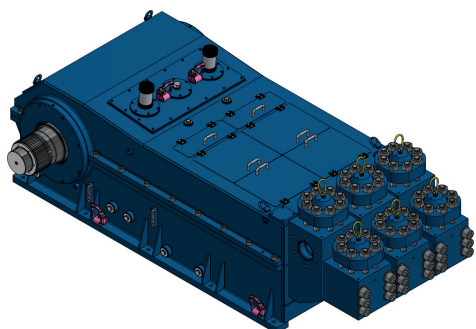


# HDD Mud Pump PSE 75-305

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



**Dimensions**

L Total Length	3,900 mm
f Length only power end	2,980 mm
H Total Height	1,330 mm
B Total Width	2,105 mm
g Width excluding journal	1,600 mm
e Width from center line	1,255 mm

Piston-Ø	Inch	4.5	5	5.5	6	6.5	7	7.5
	mm	114.3	127	139.7	152.4	165.1	177.8	190.5
Operat. Pressure	bar (psi)	530 (7,687)	430 (6,237)	355 (5,149)	300 (4,351)	255 (3,699)	220 (3,191)	190 (2,756)
<b>Revolutions</b>		<b>Pumping Rate l/min (gpm)</b>						
130 min <sup>-1</sup>		1,221 (323)	1,507 (398)	1,823 (482)	2,170 (573)	2,547 (673)	2,953 (780)	3,390 (896)
110 min <sup>-1</sup>		1,033 (273)	1,275 (337)	1,543 (408)	1,836 (485)	2,155 (569)	2,499 (660)	2,869 (758)
90 min <sup>-1</sup>		845 (223)	1,043 (276)	1,262 (333)	1,502 (397)	1,763 (466)	2,045 (540)	2,347 (620)
70 min <sup>-1</sup>		657 (174)	811 (214)	982 (259)	1,168 (309)	1,371 (362)	1,590 (420)	1,826 (482)
50 min <sup>-1</sup>		469 (124)	580 (153)	701 (185)	835 (221)	979 (259)	1,136 (300)	1,304 (344)
30 min <sup>-1</sup>		282 (74.5)	348 (91.9)	421 (111)	501 (132)	588 (155)	682 (180)	782 (207)
10 min <sup>-1</sup>		94 (24.8)	116 (30.6)	140 (37)	167 (44.1)	196 (51.8)	227 (60)	261 (68.9)

**Data Performance**

Weight	approx. 19,000 kg
Pumping Rate	up to 3,390 l/min
Drive Power	up to 1,200 kW
Fluids	Drilling Suspension, Bentonite Mixture
Fluid Temperature	up to 90 °C
Piston Force Max.	550,000 N
Stroke	305 mm
Average Piston Speed	130 min <sup>-1</sup> : 1.32 m/sec. 110 min <sup>-1</sup> : 1.12 m/sec. 90 min <sup>-1</sup> : 0.92 m/sec.