

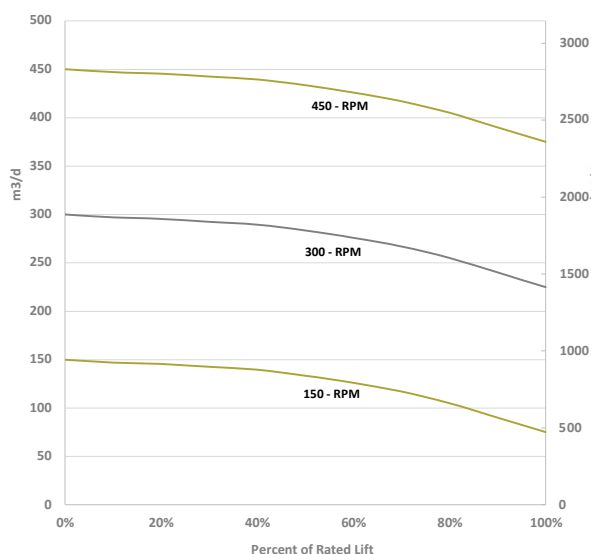
PUMP SPECIFICATION

100M - STD - FL - FLOT



100 m3 / Day / 100 RPM (629 bbl / Day / 100 RPM)					
Available Models		100 M 0800	100 M 1200	100 M 1600	100 M 2000
ROTOR	Geometry: Single Lobe		Operating Speed: 50 - 500 RPM		Free Gas Volume Fraction: 40% continuous
	Swept Rotor Angle: 34	Orbit Helix - mm (in): 96.00 (3.780)		Intake cavity area - mm ² (in ²): 2304 (3.57)	
	Pump Lift H2O - m (ft)	800 (2624)	1200 (3936)	1600 (5248)	2000 (6560)
	Rated Pressure kPa (psi)	8000 (1160)	12000 (1740)	16000 (2321)	20000 (2901)
	Rated Torque N-m (ft-lbs)	1017 (749)	1524 (1123)	2033 (1498)	2540 (1872)
	Rotor Top Connection mm (in)	1 1/8" API Pin			
	Rotor Head Diameter mm (in)	57.15 (2.25)			
STATOR - STD - FL	Overall Rotor Length m (in)	5.01 (197)	7.26 (286)	9.51 (375)	11.77 (463)
	Weight kg (lbs)	67 (147)	98 (216)	130 (286)	161 (354)
	Nominal Rotor Drift OD mm (in)	73.07 (2.877)			
	Stator OD mm (in)	127.0 (5.00)			
	Collar OD (mm)	STD - 132 (5.200) // FL 127 (5.000)			
	Connection Discharge - Intake	STD - 4 1/2" EUE Box // FL 4 1/2" NUE Box			
	Stator Overall Length w TB m (in)	5.17 (204)	7.42 (292)	9.68 (381)	11.93 (470)
STATOR - FLOT	Weight kg (lbs)	130 (286)	195 (429)	259 (570)	324 (713)
	Distance TB to Elastomer mm (in)	300 (12)			
	Tagbar/sub bottom connection	3 1/2" EUE Pin or 4 1/2" EUE Pin or 4 1/2" NUE Pin			
	Stator OD mm (in)	127.0 (5.00)			
	Collar OD mm (in)	127.0 (5.00)			
	Connection Discharge - Intake	3 1/2" EUE Box or 4 1/2" NUE Box			
	Stator Overall Length w TB m (in)	6.39 (252)	8.64 (340)	10.89 (429)	13.15 (518)
NOTE	Weight kg (lbs)	168 (370)	233 (513)	298 (656)	363 (799)
	Distance TB to Elastomer mm (in)	300 (12)			
	Tagbar/sub bottom connection	3 1/2" EUE Pin			

Target in Well Flow Rates m3/d (bbl/d)



Target In Well Torque N-m (ft-lbs)

