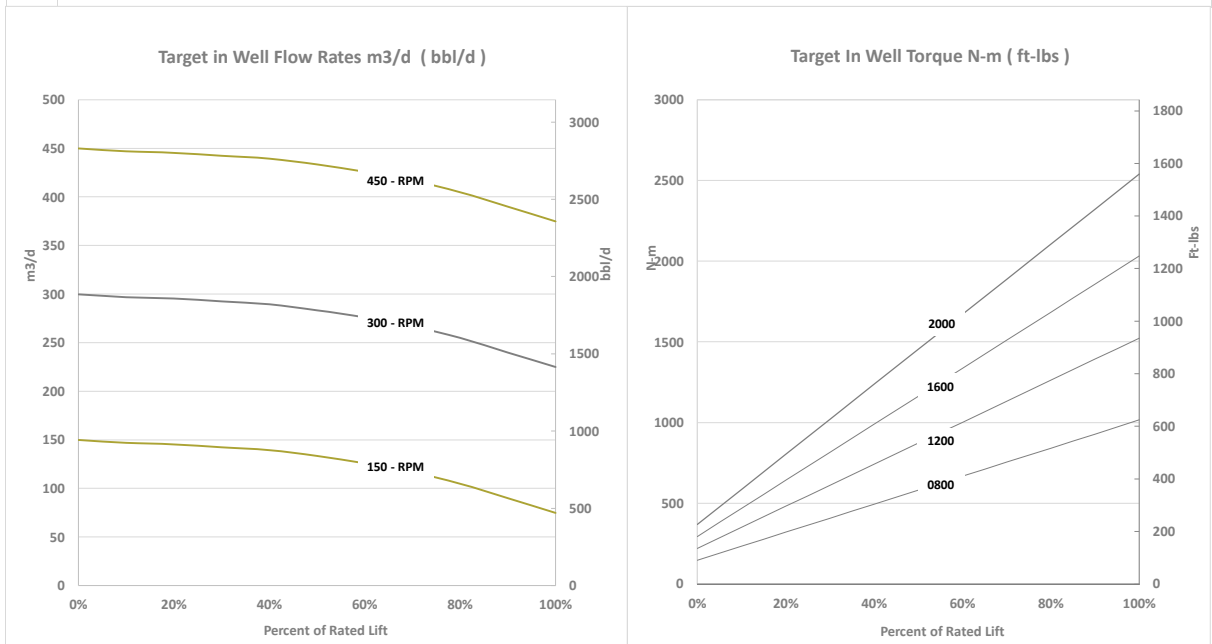




# PUMP SPECIFICATION 100M - STD - FL - FLOT



		100 m3 / Day / 100 RPM		( 629 bbl / Day / 100 RPM )	
Available Models		100 M 0800	100 M 1200	100 M 1600	100 M 2000
		Geometry: Single Lobe    Operating Speed: 50 - 500 RPM    Free Gas Volume Fraction: 40% continuous			
		Swept Rotor Angle: 45    Intake cavity area - mm <sup>2</sup> ( in <sup>2</sup> ): 2304 ( 2.877 )			
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	Rotor Top Connection mm (in)	1 1/8" API Pin			
	Rotor Head Diameter mm (in)	57.15 ( 2.25 )			
	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 - STD - FL	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 )
	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 - FLOT	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 )
	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			
NOTE					



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6/9/2020

**FROM THE GROUND UP**