

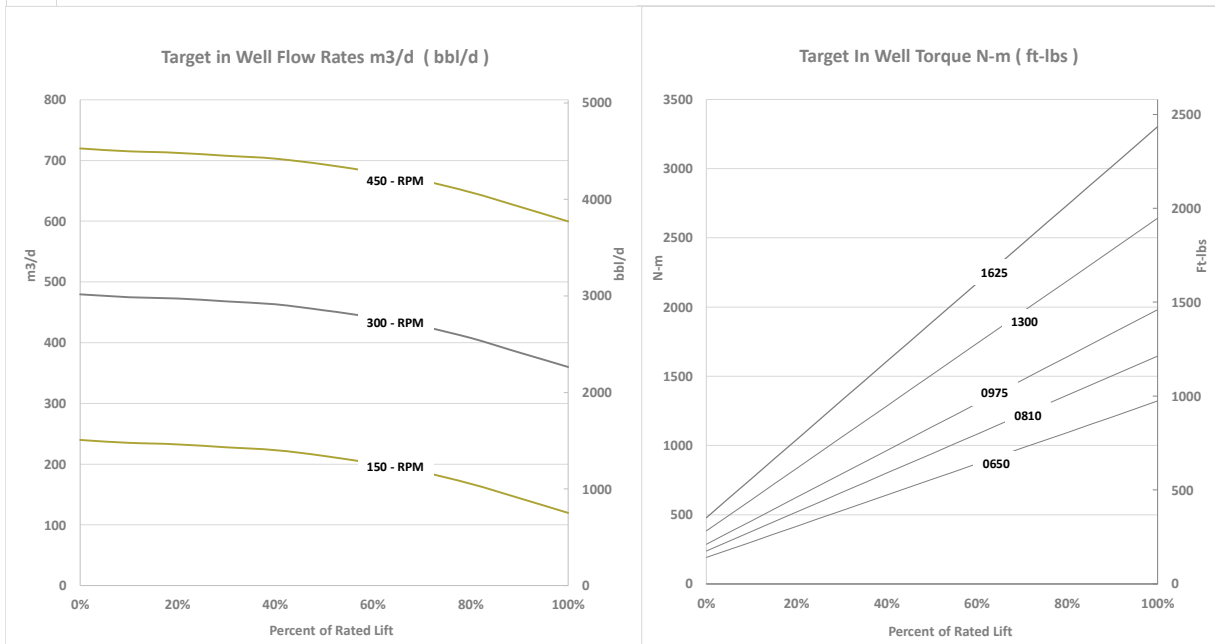


# PUMP SPECIFICATION 160M - STD - FL - FLOT



160 m3 / Day / 100 RPM ( 1006 bbl / Day / 100 RPM )

Available Models		160 M 0650	160 M 0810	160 M 0975	160 M 1300	160 M 1625
Geometry: Single Lobe		Operating Speed: 50 - 500 RPM		Free Gas Volume Fraction: 40% continuous		
Swept Rotor Angle: 58		Intake cavity area - mm <sup>2</sup> ( in <sup>2</sup> ): 2304 ( 3.57 )				
Pump Lift H2O - m (ft)	650 ( 2132 )	810 ( 2656.8 )	975 ( 3198 )	1300 ( 4264 )	1625 ( 5330 )	
Rated Pressure kPa (psi)	6500 ( 943 )	8100 ( 1175 )	9750 ( 1414 )	13000 ( 1885 )	16250 ( 2357 )	
Rated Torque N-m (ft-lbs)	1322 ( 974 )	1646 ( 1213 )	1982 ( 1460 )	2642 ( 1947 )	3303 ( 2434 )	
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)	6.01 ( 236 )	7.38 ( 291 )	8.76 ( 345 )	11.51 ( 453 )	14.26 ( 561 )
	Weight kg (lbs)	81 ( 178 )	100 ( 220 )	119 ( 262 )	157 ( 345 )	196 ( 431 )
	Nominal Rotor Drift OD mm (in)	72.67 ( 2.861 )				
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)	6.17 ( 243 )	7.54 ( 297 )	8.92 ( 351 )	11.67 ( 459 )	14.42 ( 568 )
	Weight kg (lbs)	158 ( 348 )	198 ( 436 )	238 ( 524 )	317 ( 697 )	396 ( 871 )
	Distance TB to Elastomer mm (in)	300 ( 12 )				
	Tagbar/sub bottom connection	3 1/2" EUE 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 - 4 1/2" NUE Box			
	Stator Overall Length w TB m (in)	7.39 ( 291 )	8.76 ( 345 )	10.14 ( 399 )	12.89 ( 507 )	-
	Weight kg (lbs)	197 ( 433 )	237 ( 521 )	276 ( 607 )	356 ( 783 )	-
	Distance TB to Elastomer mm (in)	300 ( 12 )				
	Tagbar/sub bottom connection	3 1/2" EUE Pin				
NOTE						



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6/3/2020

**FROM THE GROUND UP**