



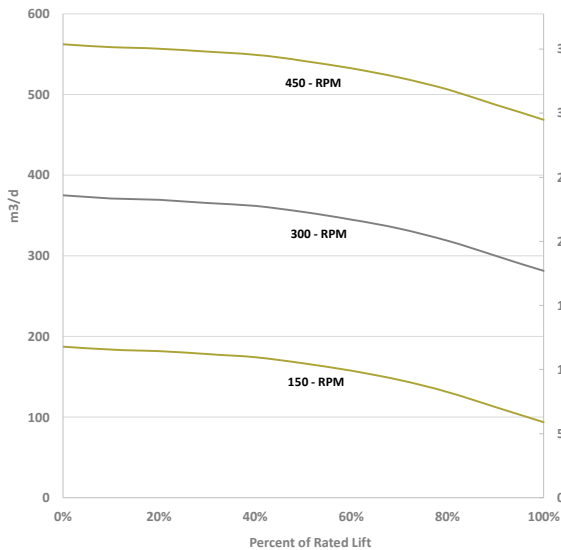
# PUMP SPECIFICATION

## 125M - STD - FL - FLOT

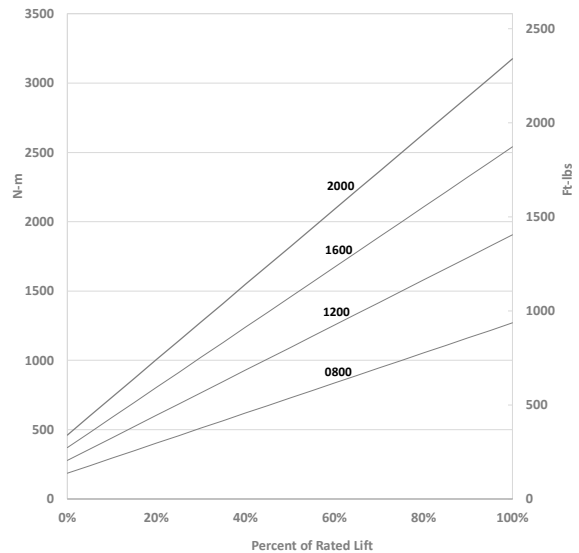


		125 m3 / Day / 100 RPM		( 786 bbl / Day / 100 RPM )	
Available Models		125 M 0800	125 M 1200	125 M 1600	125 M 2000
Geometry: Single Lobe    Operating Speed: 50 - 500 RPM    Free Gas Volume Fraction: 40% continuous					
Swept Rotor Angle: 51		Orbit Helix - mm (in): 96.00 ( 3.780 )		Intake cavity area - mm <sup>2</sup> (in <sup>2</sup> ): 2304 ( 3.57 )	
Pump Lift H <sub>2</sub> O - 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)		1271 ( 936 )	1906 ( 1404 )	2541 ( 1872 )	3175 ( 2340 )
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 )	8.76 ( 345 )	11.51 ( 453 )	14.26 ( 561 )
	Weight kg (lbs)	81 ( 178 )	119 ( 262 )	157 ( 345 )	196 ( 431 )
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)	6.17 ( 243 )	8.92 ( 351 )	11.67 ( 459 )	14.42 ( 568 )
	Weight kg (lbs)	158 ( 348 )	238 ( 524 )	317 ( 697 )	396 ( 871 )
	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 - 4 1/2" NUE Box			
	Stator Overall Length w TB m (in)	7.39 ( 291 )	10.14 ( 399 )	12.89 ( 507 )	-
	Weight kg (lbs)	197 ( 433 )	276 ( 607 )	356 ( 783 )	-
	Distance TB to Elastomer mm (in)	300 ( 12 )			
	Tagbar/sub bottom connection	3 1/2" EUE Pin			
NOTE					

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



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



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