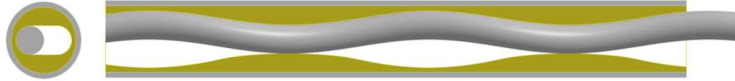




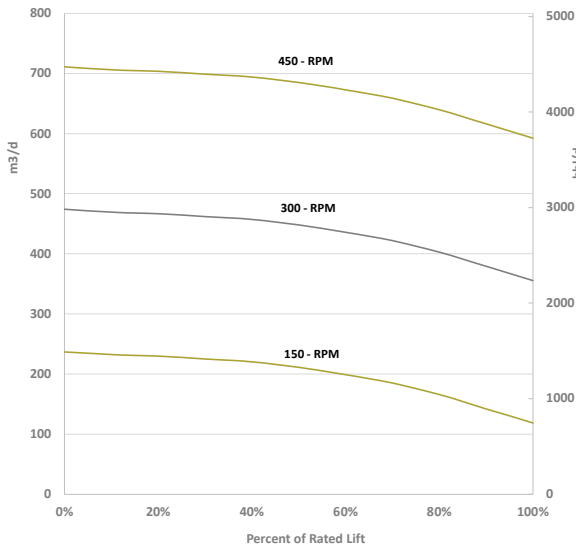
# PUMP SPECIFICATION

## 158M - STD - FLOT - SHOT

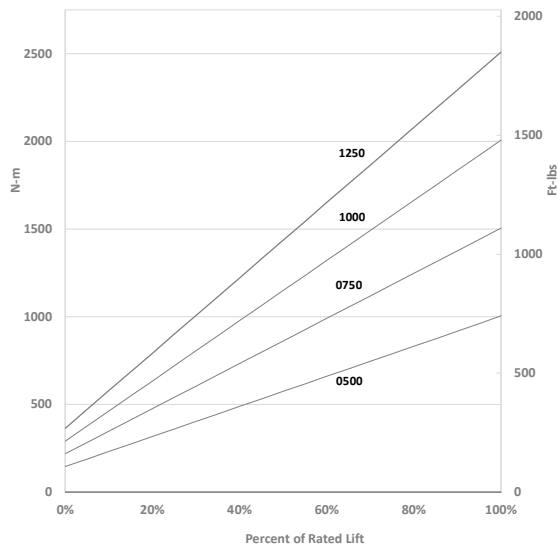


		158 m3 / Day / 100 RPM		( 994 bbl / Day / 100 RPM )	
Available Models		158 M 0500	158 M 0750	158 M 1000	158 M 1250
		Geometry: Single Lobe    Operating Speed: 50 - 500 RPM    Free Gas Volume Fraction: 40% continuous			
Swept Rotor Angle: 65		Orbit Helix - mm (in): 76.00 ( 2.992 )		Intake cavity area - mm <sup>2</sup> (in <sup>2</sup> ): 1444 ( 2.24 )	
Pump Lift H2O - m (ft)		500 ( 1640 )	750 ( 2460 )	1000 ( 3280 )	1250 ( 4100 )
Rated Pressure kPa (psi)		5000 ( 725 )	7500 ( 1088 )	10000 ( 1450 )	12500 ( 1813 )
Rated Torque N-m (ft-lbs)		1005 ( 740 )	1505 ( 1109 )	2007 ( 1479 )	2509 ( 1849 )
ROTOR	Rotor Top Connection mm (in)	1" API Pin			
	Rotor Head Diameter mm (in)	50.80 ( 2.00 )			
	Overall Rotor Length m (in)	6.11 ( 240 )	8.91 ( 351 )	11.71 ( 461 )	14.51 ( 571 )
	Weight kg (lbs)	57 ( 125 )	84 ( 185 )	110 ( 242 )	136 ( 299 )
	Nominal Rotor Drift OD mm (in)	57.82 (2.276 )			
STATOR - STD	Stator OD mm (in)	103.0 ( 4.055 )			
	Collar OD (mm)	120.65 ( 4.75 )			
	Connection Discharge - Intake	4" NUE Pin - 4" NUE Pin			
	Stator Overall Length w TB m (in)	6.06 ( 238 )	8.86 ( 349 )	11.66 ( 459 )	14.46 ( 569 )
	Weight kg (lbs)	139 ( 306 )	209 ( 460 )	278 ( 612 )	348 ( 766 )
	Distance TB to Elastomer mm (in)	300 ( 12 )			
STATOR - FLOT - SHOT	Tagbar/sub bottom connection	3 1/2" EUE Pin			
	Stator OD mm (in)	FLOT - 106 (4.173) // SHOT 99 (3.898)			
	Collar OD mm (in)	FLOT - 106 (4.173) // SHOT 99 (3.898)			
	Connection Discharge - Intake	FLOT - 3 1/2" EUE Box // SHOT - 2 7/8" EUE Box			
	Stator Overall Length w TB m (in)	7.28 ( 286 )	10.08 ( 397 )	12.88 ( 507 )	15.58 ( 617 )
	Weight kg (lbs)	171 ( 376 )	241 ( 530 )	310 ( 682 )	380 ( 836 )
NOTE	Distance TB to Elastomer mm (in)	300 ( 12 )			
	Tagbar/sub bottom connection	FLOT - 3 1/2" EUE Pin // SHOT - 2 7/8" EUE Pin			

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



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



'CAUSE WE GIVE A SHIT