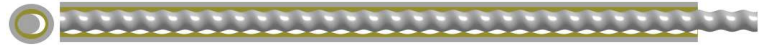




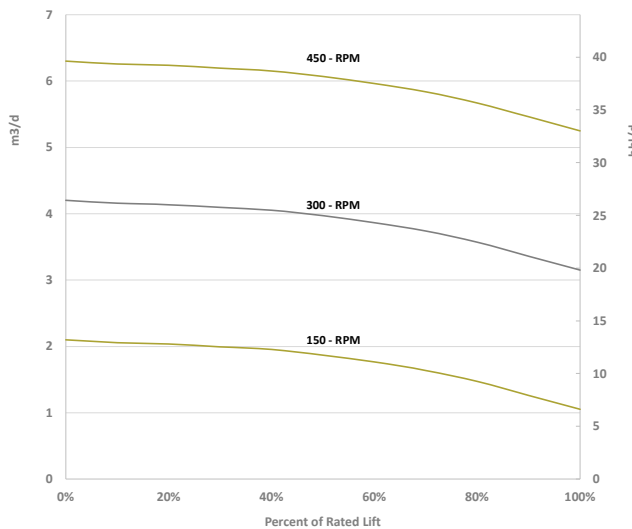
# PUMP SPECIFICATION

## 001.4M - STD - FL - SH:IP

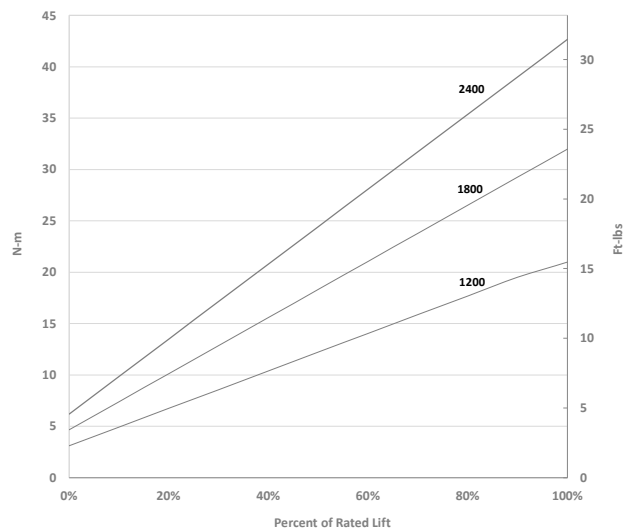


		1.4 m3 / Day / 100 RPM ( 9 bbl / Day / 100 RPM )		
Available Models		001.4 M 1200	001.4 M 1800	001.4 M 2400
		Geometry: Single Lobe    Operating Speed: 50 - 500 RPM    Free Gas Volume Fraction: 40% continuous		
Swept Rotor Angle: 28		Orbit Head - mm (in): 38.81 ( 1.528 )		Intake cavity area - mm <sup>2</sup> (in <sup>2</sup> ): 177 ( 0.27 )
Pump Lift H2O - m (ft)		1200 ( 3936 )	1800 ( 5904 )	2400 ( 7872 )
Rated Pressure kPa (psi)		12000 ( 1740 )	18000 ( 2611 )	24000 ( 3481 )
Rated Torque N-m (ft-lbs)		21 ( 16 )	32 ( 24 )	43 ( 21 )
ROTOR	Rotor Top Connection mm (in)	5/8" API Pin		
	Rotor Head Diameter mm (in)	35.56 ( 1.40 )		
	Overall Rotor Length m (in)	1.70 ( 67 )	2.30 ( 91 )	2.90 ( 114 )
	Weight kg (lbs)	8 ( 18 )	12 ( 26 )	16 ( 35 )
	Nominal Rotor Drift OD mm (in)	35.56 ( 1.400 )		
STATOR - STD	Stator OD mm (in)	55.00 ( 2.165 )		
	Collar OD (mm)	53.40 ( 2.10 )		
	Connection Discharge - Intake	1.90" EUE Pin - 1.90" EUE Box		
	Stator Overall Length w TB m (in)	1.66 ( 65 )	2.26 ( 89 )	2.86 ( 112 )
	Weight kg (lbs)	15 ( 33 )	23 ( 51 )	30 ( 66 )
STATOR - SH-IP	Distance TB to Elastomer mm (in)	300 ( 12 )		
	Tagbar/sub bottom connection	1.90" EUE Pin		
	Stator OD mm (in)	FL - 55.00 ( 2.165 )		
	Collar OD mm (in)	FL - 55.00 ( 2.165 )		
	Connection Discharge - Intake	1.90" NUE Box - 1.90" NUE Box		
STATOR - SH-IP	Stator Overall Length w TB m (in)	1.66 ( 65 )	2.26 ( 89 )	2.86 ( 112 )
	Weight kg (lbs)	15 ( 33 )	23 ( 51 )	30 ( 66 )
	Distance TB to Elastomer mm (in)	300 ( 12 )		
STATOR - SH-IP	Tagbar/sub bottom connection	SH-INSERT - 1.90" NUE Pin		
NOTE	INSERT pump configuration for 2 7/8" tubing requires a 1.350" OD rotor coupling for pick up.			

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



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



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