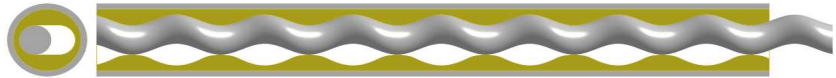




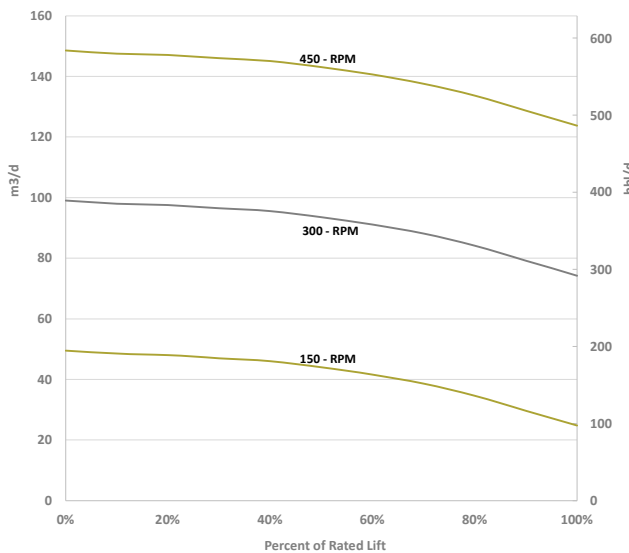
# PUMP SPECIFICATION

## 033M - STD - FLOT

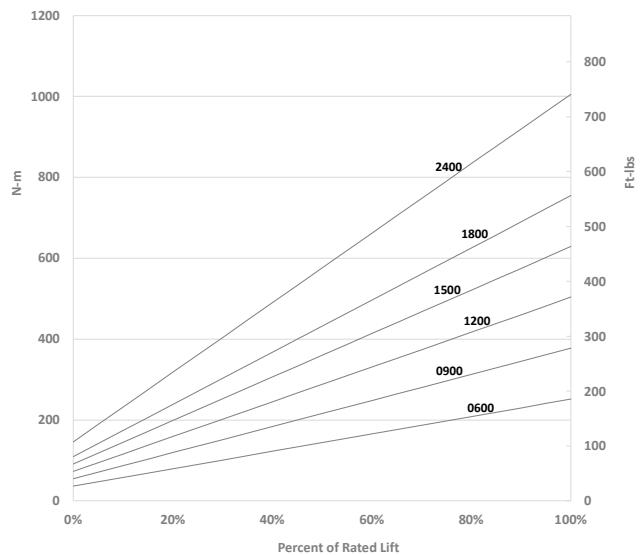


		33 m3 / Day / 100 RPM		( 208 bbl / Day / 100 RPM )			
Available Models		033 M 0600	033 M 0900	33 M 1200	033 M 1500	033 M 1800	033 M 2400
		Geometry: Single Lobe		Operating Speed: 50 - 500 RPM		Free Gas Volume Fraction: 40% continuous	
Swept Rotor Angle: 45		Orbit Helix - mm (in): 66.00 ( 2.598 )		Intake cavity area - mm <sup>2</sup> ( in <sup>2</sup> ): 1064 ( 1.65 )			
Pump Lift H2O - m (ft)		600 ( 1968 )	900 ( 2952 )	1200 ( 3936 )	1500 ( 4920 )	1800 ( 5904 )	2400 ( 7872 )
Rated Pressure kPa (psi)		6000 ( 870 )	9000 ( 1305 )	12000 ( 1740 )	15000 ( 2175 )	18000 ( 2611 )	24000 ( 3481 )
Rated Torque N-m (ft-lbs)		252 ( 185 )	378 ( 278 )	504 ( 371 )	629 ( 463 )	755 ( 556 )	1005 ( 741 )
ROTOR	Rotor Top Connection mm (in)	1" API Pin					
	Rotor Head Diameter mm (in)	50.80 ( 2.00 )					
	Overall Rotor Length m (in)	2.76 ( 109 )	3.88 ( 153 )	5.01 ( 197 )	6.13 ( 241 )	7.26 ( 286 )	9.51 ( 374 )
	Weight kg (lbs)	23 ( 51 )	34 ( 75 )	45 ( 99 )	56 ( 123 )	67 ( 147 )	90 ( 198 )
	Nominal Rotor Drift OD mm (in)	52.75 ( 2.077 )					
STATOR - STD	Stator OD mm (in)	95.0 ( 3.74 )					
	Collar OD (mm)	114.3 ( 4.50 )					
	Connection Discharge - Intake	3 1/2" EUE Pin - 3 1/2" EUE Pin					
	Stator Overall Length w TB m (in)	2.71 ( 107 )	3.83 ( 151 )	4.96 ( 195 )	6.08 ( 239 )	7.21 ( 284 )	9.46 ( 372 )
	Weight kg (lbs)	44 ( 97 )	66 ( 145 )	88 ( 194 )	110 ( 242 )	132 ( 290 )	176 ( 387 )
STATOR - FLOT	Distance TB to Elastomer mm (in)	300 ( 12 )					
	Tagbar/sub bottom connection	3 1/2" EUE Pin					
	Stator OD mm (in)	FLOT - 95 ( 3.74 )					
	Collar OD mm (in)	FLOT - 98 ( 3.85 )					
	Connection Discharge - Intake	2 7/8" EUE Box - 3 1/2" NUE Box					
Stator Overall Length w TB m (in)	3.93 ( 155 )	5.05 ( 199 )	6.18 ( 243 )	7.3 ( 287 )	8.43 ( 332 )	10.68 ( 420 )	
Weight kg (lbs)	69 ( 152 )	91 ( 200 )	113 ( 249 )	135 ( 297 )	157 ( 345 )	201 ( 442 )	
Distance TB to Elastomer mm (in)	300 ( 12 )						
Tagbar/sub bottom connection	2 7/8" EUE Pin						
NOTE	Notes: Dimensions for FLOT reflect a 1220 mm (48in) orbit tube. Add 610 mm (24 in) and 12 kg (26 lbs) for extended orbit tubes.						

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



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



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