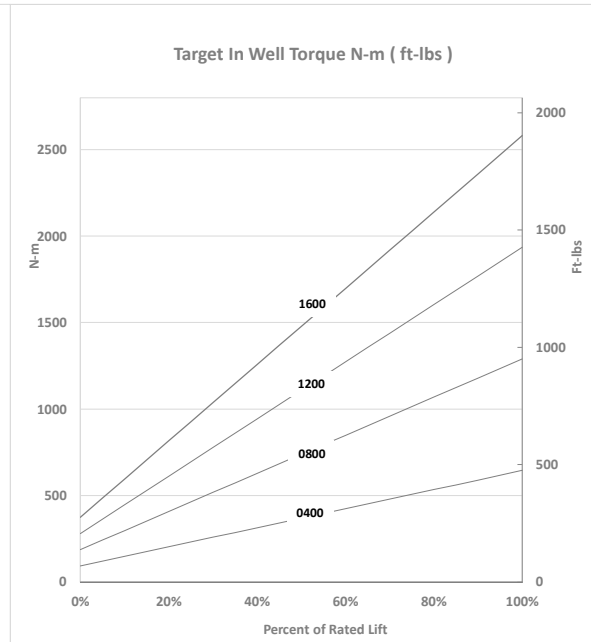
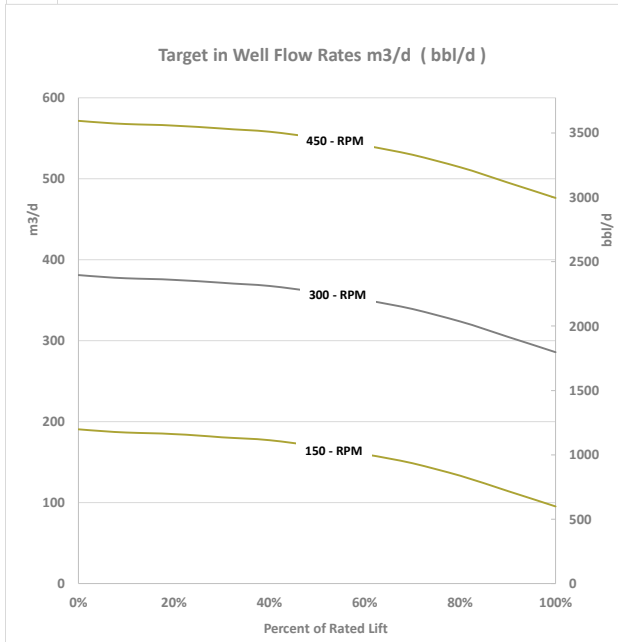




PUMP SPECIFICATION 127M-EW - STD - FLOT



127 m ³ / Day / 100 RPM (799 bbl / Day / 100 RPM)						
Available Models		127 M 0400-EW	127 M 0800-EW	127 M 1200-EW	127 M 1600-EW	
		Geometry: Single Lobe-EvenWall			Operating Speed: 50 - 500 RPM	Free Gas Volume Fraction: 40% continuous
		Swept Rotor Angle: 70			Intake cavity area - mm ² (in ²): 1365 (2.12)	
Pump Lift H ₂ O - m (ft)		400 (1312)	800 (2624)	1200 (3936)	1600 (5248)	
Rated Pressure kPa (psi)		4000 (580)	8000 (1160)	12000 (1740)	16000 (2321)	
Rated Torque N-m (ft-lbs)		646 (476)	1291 (951)	1937 (1427)	2581 (1902)	
ROTOR	Rotor Top Connection mm (in)	1" API Pin				
	Rotor Head Diameter mm (in)	50.80 (2.00)				
	Overall Rotor Length m (in)	3.53 (139)	6.55 (258)	9.57 (377)	12.59 (496)	
	Weight kg (lbs)	32 (70)	63 (139)	95 (209)	126 (277)	
	Nominal Rotor Drift OD mm (in)	57.66 (2.270)				
STATOR - STD	Stator OD mm (in)	108.00 (4.25)				
	Collar OD (mm)	50.80 (2.00)				
	Connection Discharge - Intake	4" NUE Pin - 4" NUE Pin				
	Stator Overall Length w TB m (in)	3.48 (137)	6.51 (258)	9.52 (375)	12.54 (494)	
	Weight kg (lbs)	54 (119)	108 (238)	162 (356)	216 (475)	
	Distance TB to Elastomer mm (in)	300 (12)				
	Tagbar/sub bottom connection	3 1/2" EUE Pin				
STATOR - FLOT	Stator OD mm (in)	FLOT - 108 (4.252)				
	Collar OD mm (in)	FLOT - 108 (4.252)				
	Connection Discharge - Intake	FLOT - 3 1/2" EUE Box				
	Stator Overall Length w TB m (in)	4.24 (167)	6.81 (268)	9.36 (368)	11.92 (469)	
	Weight kg (lbs)	86 (189)	140 (308)	194 (427)	248 (546)	
	Distance TB to Elastomer mm (in)	300 (12)				
	Tagbar/sub bottom connection	FLOT - 3 1/2" EUE Pin				
NOTE	Notes: Dimensions for FLOT reflect a 1220 mm (48in) orbit tube. Add 610 mm (24 in) and 10 kg (22 lbs) for extended orbit tubes.					



MANTL reserves the right to change information contained in this document without prior notice. Contact your MANTL representative for additional information.

5/15/2020

FROM THE GROUND UP