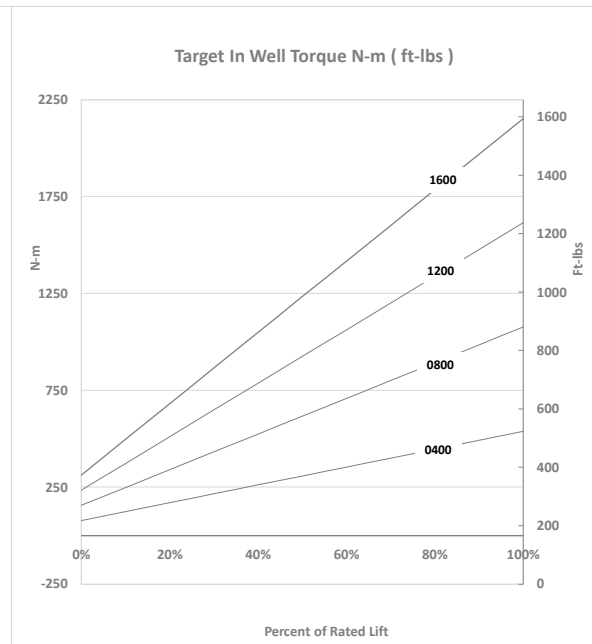
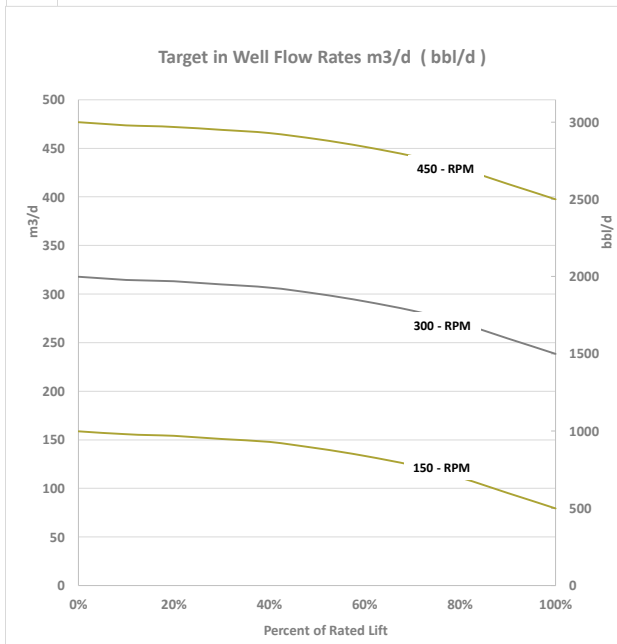




PUMP SPECIFICATION 106M-EW - STD - FLOT



106 m ³ / Day / 100 RPM (667 bbl / Day / 100 RPM)					
Available Models	106 M 0400-EW	106 M 0800-EW	106 M 1200-EW	106 M 1600-EW	
Geometry: Single Lobe-EvenWall Operating Speed: 50 - 500 RPM Free Gas Volume Fraction: 40% continuous					
Swept Rotor Angle: 66 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)	539 (397)	1078 (794)	1615 (1190)	2153 (1587)	
ROTOR	Rotor Top Connection mm (in) 1" API Pin				
	Rotor Head Diameter mm (in) 50.80 (2.00)				
	Overall Rotor Length m (in)	3.07 (121)	5.63 (221)	8.19 (322)	10.75 (423)
	Weight kg (lbs)	27 (59)	53 (117)	80 (176)	106 (233)
	Nominal Rotor Drift OD mm (in)	57.56 (2.266)			
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)	3.02 (121)	5.58 (220)	8.14 (320)	10.70 (421)
	Weight kg (lbs)	46 (101)	92 (202)	138 (304)	184 (405)
	Distance TB to Elastomer mm (in)	300 (12)			
STATOR - FLOT	Tagbar/sub bottom connection 3 1/2" EUE Pin				
	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)	4.242 (167)	6.81 (268)	9.36 (368)	11.92 (469)
	Weight kg (lbs)	78 (172)	124 (273)	170 (374)	216 (475)
	Distance TB to Elastomer mm (in)	300 (12)			
Tagbar/sub bottom connection FLOT - 3 1/2" EUE Pin					
NOTE					



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