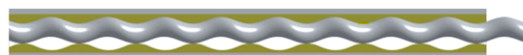
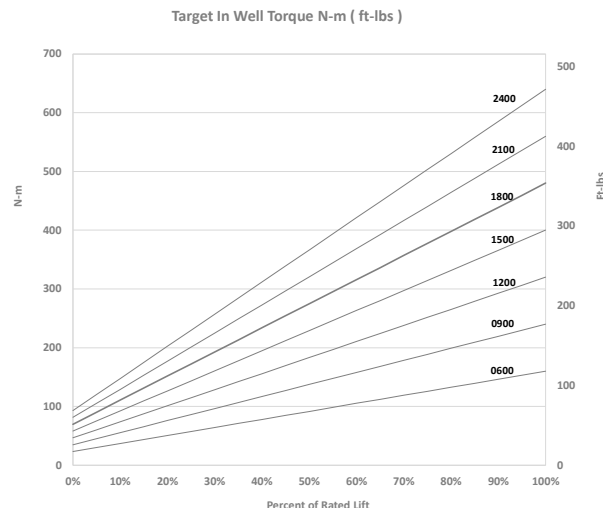
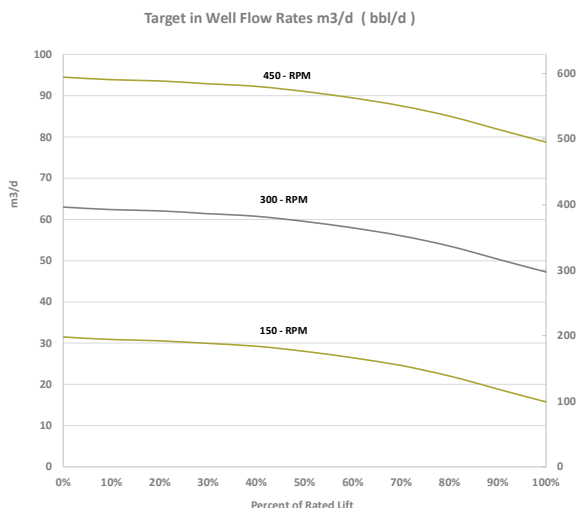




PUMP SPECIFICATION 021M - STD - FL



		21 m3 / Day / 100 RPM (132 bbl / Day / 100 RPM)					
Available Models		021 M 0600	021 M 0900	021 M 1200	021 M 1500	021 M 1800	21 M 2100 021 M 2400
ROTOR	Geometry: Single Lobe	Operating Speed: 50 - 500 RPM				Free Gas Volume Fraction: 40% continuous	
	Swept Rotor Angle: 32	Orbit Helix - mm (in): 60.00 (2.362)				Intake cavity area - mm ² (in ²): 864 (1.34)	
	Pump Lift H ₂ O - m (ft)	600 (1968)	900 (2952)	1200 (3936)	1500 (4920)	1800 (5904)	2100 (6888) 2400 (7872)
	Rated Pressure kPa (psi)	6000 (870)	9000 (1305)	12000 (1740)	15000 (2175)	18000 (2611)	21000 (3046) 24000 (3481)
	Rated Torque N-m (ft-lbs)	160 (118)	240 (177)	320 (236)	400 (295)	480 (354)	560 (413) 640 (472)
	Rotor Top Connection mm (in)	7/8" API Pin					
	Rotor Head Diameter mm (in)	46.04 (1.812)					
	Overall Rotor Length m (in)	2.62 (103)	3.68 (145)	4.73 (186)	5.79 (228)	6.85 (270)	7.91 (311) 8.96 (353)
	Weight kg (lbs)	17 (37)	26 (57)	34 (75)	43 (95)	51 (112)	60 (132) 68 (150)
	Nominal Rotor Drift OD mm (in)	46.04 (1.812)					
STATOR - STD	Stator OD mm (in)	90.0 (3.54)					
	Collar OD (mm)	97.64 (3.844)					
	Connection Discharge - Intake	3 1/2" NUE Pin - 3 1/2" NUE Pin					
	Stator Overall Length w TB m (in)	2.57 (101)	3.63 (143)	4.69 (185)	5.74 (226)	6.80 (268)	7.86 (309) 8.92 (351)
	Weight kg (lbs)	40 (88)	60 (132)	80 (176)	100 (220)	120 (264)	140 (308) 160 (352)
STATOR - FL	Distance TB to Elastomer mm (in)	300 (12)					
	Tagbar/sub bottom connection	2 7/8" EUE Pin					
	Stator OD mm (in)	FL - 90 (3.54)					
	Collar OD mm (in)	FL - 90 (3.54)					
	Connection Discharge - Intake	2 7/8" EUE Box - 2 7/8" EUE Box					
	Stator Overall Length w TB m (in)	2.57 (101)	3.63 (143)	4.69 (185)	5.74 (226)	6.80 (268)	7.86 (309) 8.92 (351)
	Weight kg (lbs)	40 (88)	60 (132)	80 (176)	100 (220)	120 (264)	140 (308) 160 (352)
NOTE	Distance TB to Elastomer mm (in)	300 (12)					
	Tagbar/sub bottom connection	2 7/8" EUE Pin					



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

2025-04-28

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