



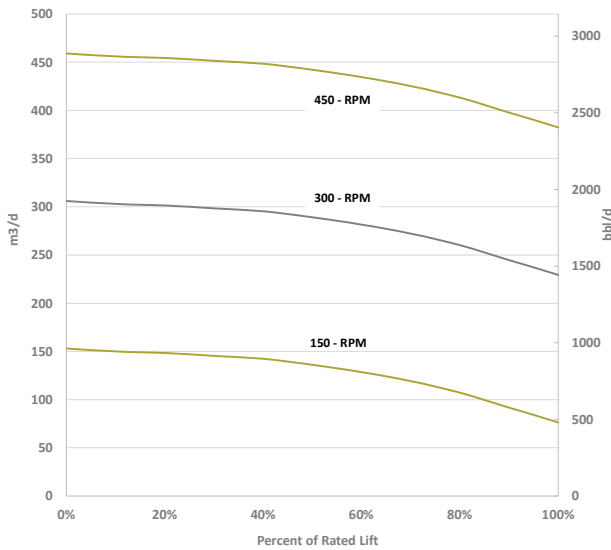
PUMP SPECIFICATION

102M - STD - FLOT - SHOT

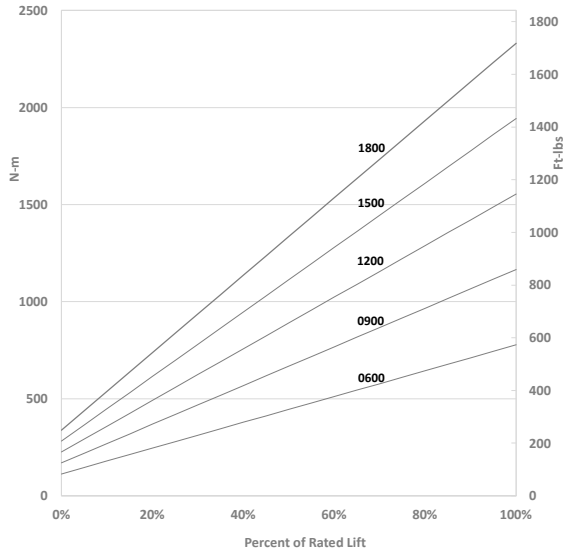


102 m3 / Day / 100 RPM (641 bbl / Day / 100 RPM)							
Available Models		102 M 0600	102 M 0900	102 M 1200	102 M 1500	102 M 1800	
Geometry: Single Lobe Operating Speed: 50 - 500 RPM Free Gas Volume Fraction: 40% continuous							
Swept Rotor Angle:		65		Orbit Helix - mm (in): 75.00 (2.953)		Intake cavity area - mm ² (in ²): 1404 (2.18)	
Pump Lift H2O - m (ft)		600 (1968)	900 (2952)	1200 (3936)	1500 (4920)	1800 (5904)	
Rated Pressure kPa (psi)		6000 (870)	9000 (1305)	12000 (1740)	15000 (2175)	18000 (2611)	
Rated Torque N-m (ft-lbs)		778 (573)	1166 (859)	1554 (1145)	1944 (1432)	2331 (1718)	
ROTOR	Rotor Top Connection mm (in)		1" API Pin				
	Rotor Head Diameter mm (in)		50.80 (2.00)				
	Overall Rotor Length m (in)		5.06 (199)	7.33 (289)	9.61 (378)	11.88 (468)	14.16 (557)
	Weight kg (lbs)		47 (103)	71 (156)	94 (207)	118 (260)	141 (310)
	Nominal Rotor Drift OD mm (in)		57.75 (2.274)				
	STATOR - STD	Stator OD mm (in)		103.0 (4.055)			
Collar OD (mm)		120.65 (4.75)					
Connection Discharge - Intake		4" NUE Pin - 4" NUE Pin					
Stator Overall Length w TB m (in)		5.01 (197)	7.28 (287)	9.56 (376)	11.83 (466)	14.11 (555)	
Weight kg (lbs)		106 (233)	159 (350)	212 (466)	265 (583)	318 (700)	
Distance TB to Elastomer mm (in)		300 (12)					
STATOR - FLOT - SHOT	Tagbar/sub bottom connection		3 1/2" EUE Pin				
	Stator OD mm (in)		FLOT - 106 (4.173) // SHOT 99 (3.898)				
	Collar OD mm (in)		FLOT - 106 (4.173) // SHOT 99 (3.898)				
	Connection Discharge - Intake		FLOT - 3 1/2" EUE Box // SHOT - 2 7/8" EUE Box				
	Stator Overall Length w TB m (in)		6.23 (245)	8.51 (335)	10.78 (424)	13.05 (514)	15.33 (603)
	Weight kg (lbs)		138 (304)	191 (420)	244 (537)	297 (653)	350 (770)
Distance TB to Elastomer mm (in)		300 (12)					
Tagbar/sub bottom connection		FLOT - 3 1/2" EUE Pin // SHOT - 2 7/8" EUE Pin					
NOTE							

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



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



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4/19/2021

'CAUSE WE GIVE A S#!T