

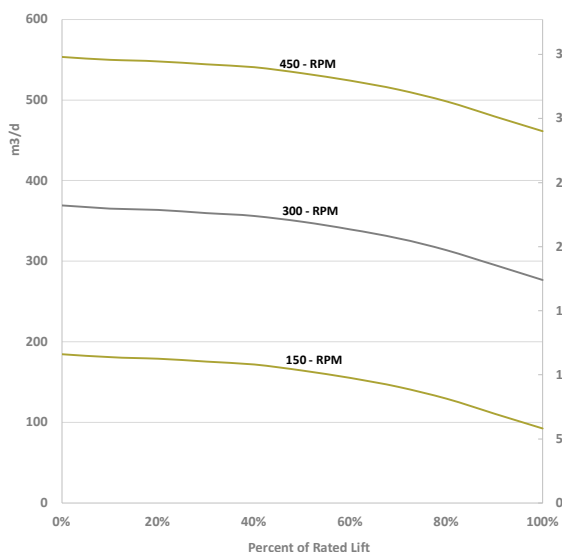


PUMP SPECIFICATION

123M - STD - FLOT - SHOT

123 m3 / Day / 100 RPM (774 bbl / Day / 100 RPM)						
Available Models		123 M 0600	123 M 0900	123 M 1200	123 M 1500	
ROTOR	Geometry: Single Lobe		Operating Speed: 50 - 500 RPM		Free Gas Volume Fraction: 40% continuous	
	Swept Rotor Angle: 69		Orbit Helix - mm (in): 76.00 (2.992)		Intake cavity area - mm ² (in ²): 1442 (2.24)	
	Pump Lift H ₂ O - m (ft)		600 (1968)	900 (2952)	1200 (3936)	1500 (4920)
	Rated Pressure kPa (psi)		6000 (870)	9000 (1305)	12000 (1740)	15000 (2175)
	Rated Torque N-m (ft-lbs)		938 (691)	1406 (1036)	1876 (1382)	2343 (1727)
	Rotor Top Connection mm (in)		1" API Pin			
	Rotor Head Diameter mm (in)		50.80 (2.00)			
	Overall Rotor Length m (in)		6.11 (240)	8.91 (351)	11.71 (461)	14.51 (571)
STATOR - STD	Weight kg (lbs)		57 (125)	84 (185)	110 (242)	136 (299)
	Nominal Rotor Drift OD mm (in)		57.82 (2.276)			
	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)		6.06 (238)	8.86 (349)	11.66 (459)	14.46 (569)
	Weight kg (lbs)		139 (306)	209 (460)	278 (612)	348 (766)
	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)		6.06 (238)	8.86 (349)	11.66 (459)	14.46 (569)
	Weight kg (lbs)		139 (306)	209 (460)	278 (612)	348 (766)
	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)

