



PUMP SPECIFICATION

125M - STD - FL - FLOT



125 m3 / Day / 100 RPM (786 bbl / Day / 100 RPM)				
Available Models	125 M 0800	125 M 1200	125 M 1600	125 M 2000
Geometry: Single Lobe Operating Speed: 50 - 500 RPM Free Gas Volume Fraction: 40% continuous				
Swept Rotor Angle: 51	Orbit Helix - mm (in): 96.00 (3.780)		Intake cavity area - mm ² (in ²): 2304 (3.57)	
Pump Lift H ₂ O - m (ft)	800 (2624)	1200 (3936)	1600 (5248)	2000 (6560)
Rated Pressure kPa (psi)	8000 (1160)	12000 (1740)	16000 (2321)	20000 (2901)
Rated Torque N-m (ft-lbs)	1271 (936)	1906 (1404)	2541 (1872)	3175 (2340)
Rotor Top Connection mm (in)	1 1/8" API Pin			
Rotor Head Diameter mm (in)	57.15 (2.25)			
Overall Rotor Length m (in)	6.01 (236)	8.76 (345)	11.51 (453)	14.26 (561)
Weight kg (lbs)	81 (178)	119 (262)	157 (345)	196 (431)
Nominal Rotor Drift OD mm (in)	73.07 (2.877)			
Stator OD mm (in)	127.0 (5.00)			
Collar OD (mm)	STD - 132 (5.200) // FL 127 (5.000)			
Connection Discharge - Intake	STD - 4 1/2" EUE Box // FL 4 1/2" NUE Box			
Stator Overall Length w TB m (in)	6.17 (243)	8.92 (351)	11.67 (459)	14.42 (568)
Weight kg (lbs)	158 (348)	238 (524)	317 (697)	396 (871)
Distance TB to Elastomer mm (in)	300 (12)			
Tagbar/sub bottom connection	3 1/2" EUE Pin or 4 1/2" EUE Pin or 4 1/2" NUE Pin			
Stator OD mm (in)	127.0 (5.00)			
Collar OD mm (in)	127.0 (5.00)			
Connection Discharge - Intake	3 1/2" EUE Box - 4 1/2" NUE Box			
Stator Overall Length w TB m (in)	7.39 (291)	10.14 (399)	12.89 (507)	-
Weight kg (lbs)	197 (433)	276 (607)	356 (783)	-
Distance TB to Elastomer mm (in)	300 (12)			
Tagbar/sub bottom connection	3 1/2" EUE Pin			
NOTE				

