



PUMP SPECIFICATION

020M - STD - FLOT



20 m3 / Day / 100 RPM (126 bbl / Day / 100 RPM)							
Available Models		020 M 0900	020 M 1200	20 M 1500	020 M 1800	020 M 2400	020 M 2700
ROTOR	Geometry: Single Lobe		Operating Speed: 50 - 500 RPM		Free Gas Volume Fraction: 40% continuous		
	Swept Rotor Angle: 34	Orbit Helix - mm (in): 66.00 (2.598)			Intake cavity area - mm ² (in ²): 1064 (1.65)		
	Pump Lift H2O - m (ft)	900 (2952)	1200 (3936)	1500 (4920)	1800 (5904)	2400 (7872)	2700 (8856)
	Rated Pressure kPa (psi)	9000 (1305)	12000 (1740)	15000 (2175)	18000 (2611)	24000 (3481)	27000 (3916)
	Rated Torque N-m (ft-lbs)	228 (168)	304 (224)	382 (281)	458 (337)	610 (449)	685 (505)
	Rotor Top Connection mm (in)	1" API Pin					
	Rotor Head Diameter mm (in)	50.80 (2.00)					
	Overall Rotor Length m (in)	2.76 (109)	3.52 (139)	4.26 (168)	5.01 (197)	6.49 (256)	7.26 (286)
	Weight kg (lbs)	23 (51)	30 (66)	38 (84)	45 (99)	60 (132)	68 (150)
	Nominal Rotor Drift OD mm (in)	53.27 (2.097)					
STATOR - STD	Stator OD mm (in)	95.0 (3.74)					
	Collar OD (mm)	114.3 (4.50)					
	Connection Discharge - Intake	3 1/2" EUE Pin - 3 1/2" EUE Pin					
	Stator Overall Length w TB m (in)	2.71 (107)	3.47 (137)	4.21 (166)	4.96 (195)	6.44 (254)	7.21 (284)
	Weight kg (lbs)	44 (97)	59 (130)	73 (161)	88 (194)	117 (257)	132 (290)
	Distance TB to Elastomer mm (in)	300 (12)					
	Tagbar/sub bottom connection	3 1/2" EUE Pin					
STATOR - FLOT	Stator OD mm (in)	FLOT - 95 (3.74)					
	Collar OD mm (in)	FLOT - 98 (3.85)					
	Connection Discharge - Intake	2 7/8" EUE Box - 3 1/2" NUE Box					
	Stator Overall Length w TB m (in)	3.93 (155)	4.69 (185)	5.43 (214)	6.18 (243)	7.66 (302)	8.43 (332)
	Weight kg (lbs)	69 (152)	84 (185)	98 (216)	113 (249)	142 (312)	157 (345)
	Distance TB to Elastomer mm (in)	300 (12)					
	Tagbar/sub bottom connection	2 7/8" EUE Pin					
NOTE	Notes: Dimensions for FLOT reflect a 1220 mm (48in) orbit tube. Add 610 mm (24 in) and 12 kg (26 lbs) for extended orbit tubes.						

