

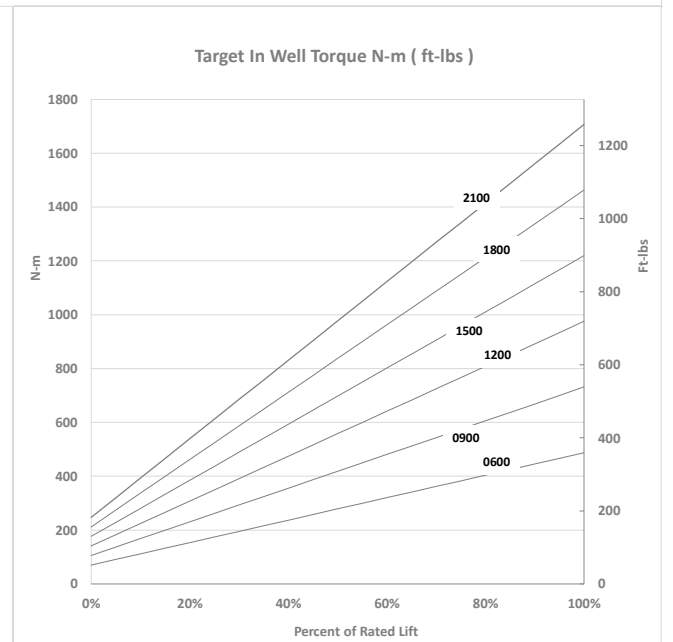
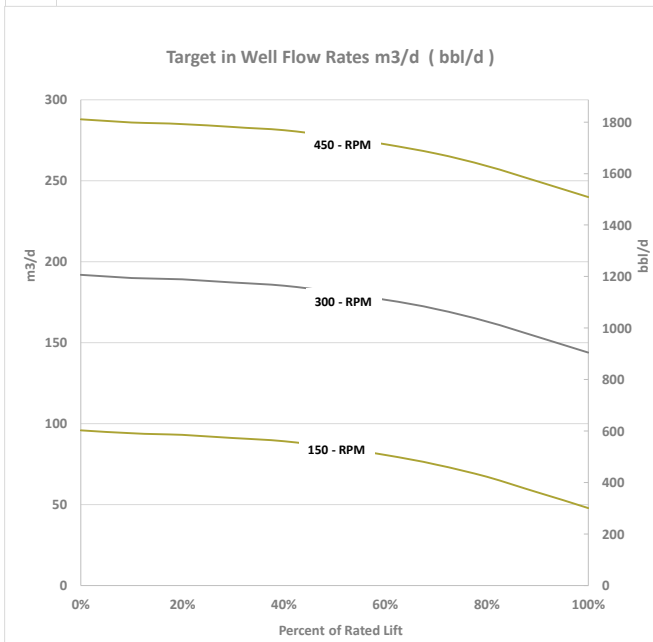


# PUMP SPECIFICATION

## 064M - STD - FLOT - SHOT



		64 m3 / Day / 100 RPM		( 402 bbl / Day / 100 RPM )			
Available Models		064 M 0600	064 M 0900	064 M 1200	064 M 1500	064 M 1800	064 M 2100
		Geometry: Single Lobe    Operating Speed: 50 - 500 RPM    Free Gas Volume Fraction: 40% continuous					
		Swept Rotor Angle: 54			Intake cavity area - mm <sup>2</sup> (in <sup>2</sup> ): 1365 ( 2.12 )		
Pump Lift H2O - m (ft)		600 ( 1968 )	900 ( 2952 )	1200 ( 3936 )	1500 ( 4920 )	1800 ( 5904 )	2100 ( 6888 )
Rated Pressure kPa (psi)		6000 ( 870 )	9000 ( 1305 )	12000 ( 1740 )	15000 ( 2175 )	18000 ( 2611 )	21000 ( 3046 )
Rated Torque N-m (ft-lbs)		488 ( 359 )	732 ( 539 )	976 ( 719 )	1220 ( 899 )	1463 ( 1078 )	1707 ( 1258 )
Rotor Top Connection mm (in)		1" API Pin					
Rotor Head Diameter mm (in)		50.80 ( 2.00 )					
ROTOR	Overall Rotor Length m (in)	3.91 ( 154 )	5.61 ( 221 )	7.31 ( 288 )	9.01 ( 355 )	10.71 ( 421 )	12.41 ( 488 )
	Weight kg (lbs)	37 ( 81 )	56 ( 123 )	74 ( 163 )	93 ( 205 )	111 ( 244 )	130 ( 286 )
	Nominal Rotor Drift OD mm (in)	57.29 ( 2.256 )					
STATOR - STD	Stator OD mm (in)	103.00 (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)	3.86 ( 152 )	5.56 ( 219 )	7.26 ( 286 )	8.96 ( 353 )	10.66 ( 420 )	12.36 ( 486 )
	Weight kg (lbs)	79 ( 174 )	118 ( 260 )	157 ( 345 )	197 ( 433 )	236 ( 519 )	275 ( 605 )
STATOR - FLOT - SHOT	Distance TB to Elastomer mm (in)	300 ( 12 )					
	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 - FLOT - SHOT	Stator Overall Length w TB m (in)	5.08 ( 200 )	6.78 ( 267 )	8.48 ( 334 )	10.18 ( 401 )	11.88 ( 468 )	13.58 ( 534 )
	Weight kg (lbs)	111 ( 244 )	150 ( 330 )	190 ( 418 )	229 ( 504 )	268 ( 590 )	308 ( 678 )
	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	Length and weight values for FLOT - SHOT reflect a 1220 mm (48 in) orbit tube. Add 610 mm (24 in) and 10 kg (22 lbs) for extended orbit tubes.						



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5/15/2020

**FROM THE GROUND UP**