

Technical Specifications

Performance Specifications

			NBR-1A	XR	HR	XP
Torque Slope	2.576 ft-lb/psi	Max. Diff. Press. (psi)	1250	1870	1870	2080
Flow Range	100 – 300 GPM	Max. Torque (ft-lb)	3210	4810	4810	5350
RPG	1,000 rev/gal	Stall Diff. Press. (psi)	1870	2800	2800	3110
Speed Range	100 – 300 RPM	Stall Torque (ft – lb)	4810	7220	7220	8020
Off Bottom Pressure (psi)	116	Max. Recommended (HP)	161	241	241	268
		PSI Per Stage	150	225	225	250
		PSI Per Cavity	28	42	42	46
		Temperature Slope (in/°F)	0.000304	0.000225	0.000241	0.000241

Rotor Specifications

Overall Length ** (in)	229.4
Contour Length ** (in)	223.4
Eccentricity (in)	0.207
Major Diameter (in)	2.916
Head Diameter *** (in)	2.750
Weight (lb)	275
Material ***	17-4SS
Thread Form ***	2 3/8 Hughes External Flush Mod Flat

Stator Specifications

Overall Length (in)	242.2
Cutback #1 (in)	8.0
Cutback #2 (in)	11.0
Tube OD (in)	5.00
Tube ID (in)	3.75
Weight (lb)	636
Number Of Stages	8.3

