

Technical Specifications

Performance Specifications

			NBR-1A	XR	HR	XP
Torque Slope	6.605 ft-lb/psi	Max. Diff. Press. (psi)		1820	1820	2030
Flow Range	300 – 700 GPM	Max. Torque (ft-lb)		12040	12040	13380
RPG	0.390 rev/gal	Stall Diff. Press. (psi)		2730	2730	3040
Speed Range	117 – 273 RPM	Stall Torque (ft – lb)		18060	18060	20060
Off Bottom Pressure (psi)	171	Max. Recommended (HP)		553	553	615
		PSI Per Stage		225	225	250
		PSI Per Cavity		36	36	40
		Temperature Slope (in/°F)		0.000318	0.000316	0.000336

Rotor Specifications

Overall Length ** (in)	223.0
Contour Length ** (in)	217.0
Eccentricity (in)	0.282
Major Diameter (in)	4.629
Head Diameter *** (in)	4.250
Weight (lb)	723
Material ***	17-4SS
Thread Form ***	2 7/8 API REG

Stator Specifications

Overall Length (in)	232.0
Cutback #1 (in)	8.0
Cutback #2 (in)	8.0
Tube OD (in)	6.75
Tube ID (in)	5.50
Weight (lb)	688
Number Of Stages	8.1

