

## POWER SECTION

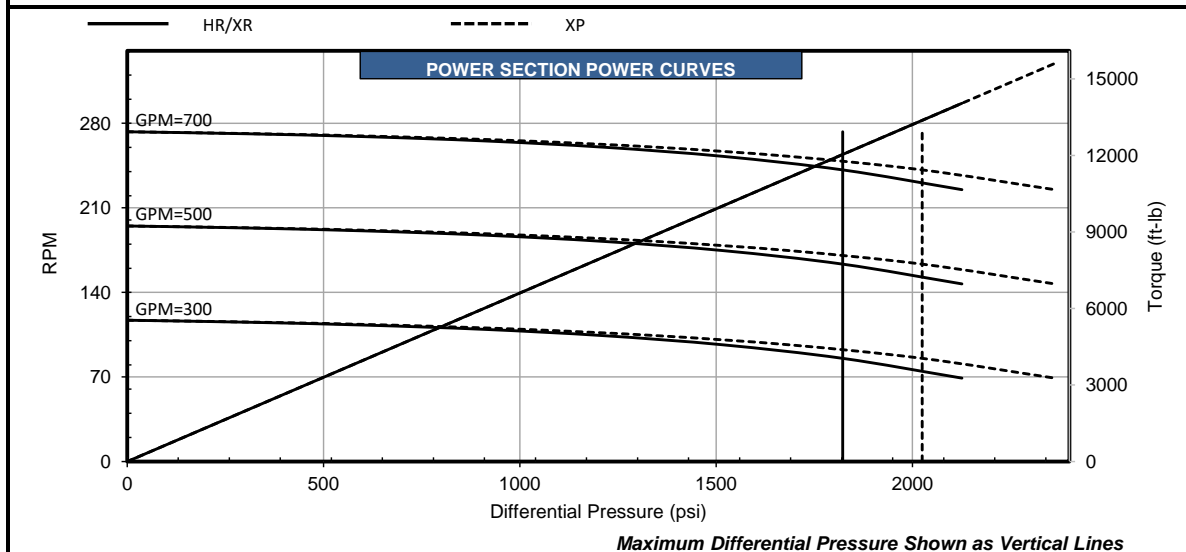
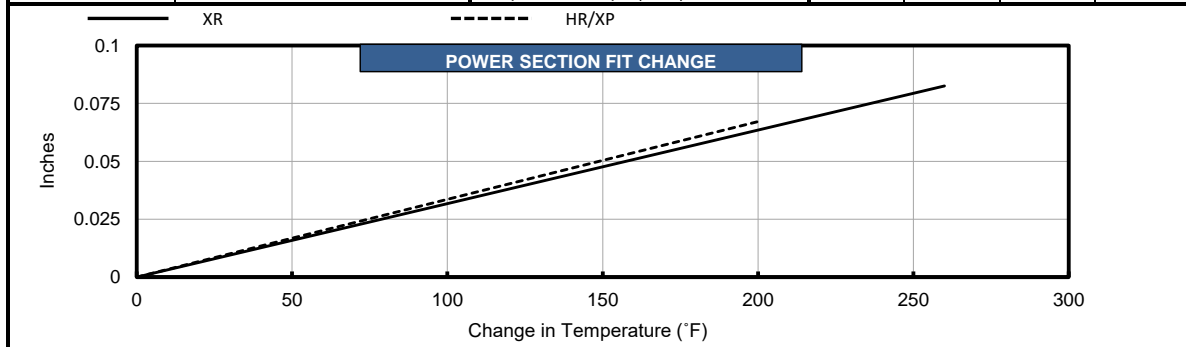
FIT INFORMATION - MINOR DIAMETER (in)				
Stator Size	NBR-1A	DynaPower		
		XR	HR	XP
1 Undersize				
Standard		4.064*	4.064	4.064*
1 Oversize		4.085*	4.085	4.085*
2 Oversize				
Nominal Fit at 75°F				
1 Undersize				
Standard		0.001*	0.001	0.001*
1 Oversize		-0.020*	-0.020	-0.020*
2 Oversize				

\*Pending production measurements

ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
	(in)		(in)
Overall Length	223.0	Overall Length	232.0
Contour Length	217.0	Rubber Cutback #1**	8.0
Eccentricity	0.282	Rubber Cutback #2**	8.0
Major Diameter	4.629	Tube O.D.	6.75
Head Diameter	4.250	Tube I.D.	5.50
Weight (lb)	723	Weight (lb)	688
Material	17-4SS	Number of Stages	8.1
Thread Form**	2 7/8 API REG		

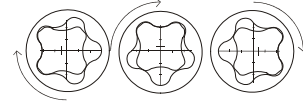
\*\* Alternate or custom thread forms and cutbacks are available upon request

PERFORMANCE SPECIFICATIONS					
		NBR-1A	XR	HR	XP
Torque Slope	6.605 ft-lb/psi		1820	1820	2030
Flow Range	300 to 700 GPM		12040	12040	13380
RPG	0.390 rev/gal		2730	2730	3040
Speed Range	117 to 273 RPM		18060	18060	20060
Off Bottom Press.	171 psi		553	553	615
			225	225	250
			36	36	40
	Temperature Slope (in/F)		0.000318	0.000336	0.000336



Maximum Differential Pressure Shown as Vertical Lines

Operating a power section above the maximum recommended differential pressure will reduce stator life. Performance curves are for reference only. Actual power section performance may vary depending on the down hole temperature and rotor/stator fit. Performance data are subject to change without notice. Power calculation is based on maximum RPM and full torque. Stator sizes subject to change without notice.



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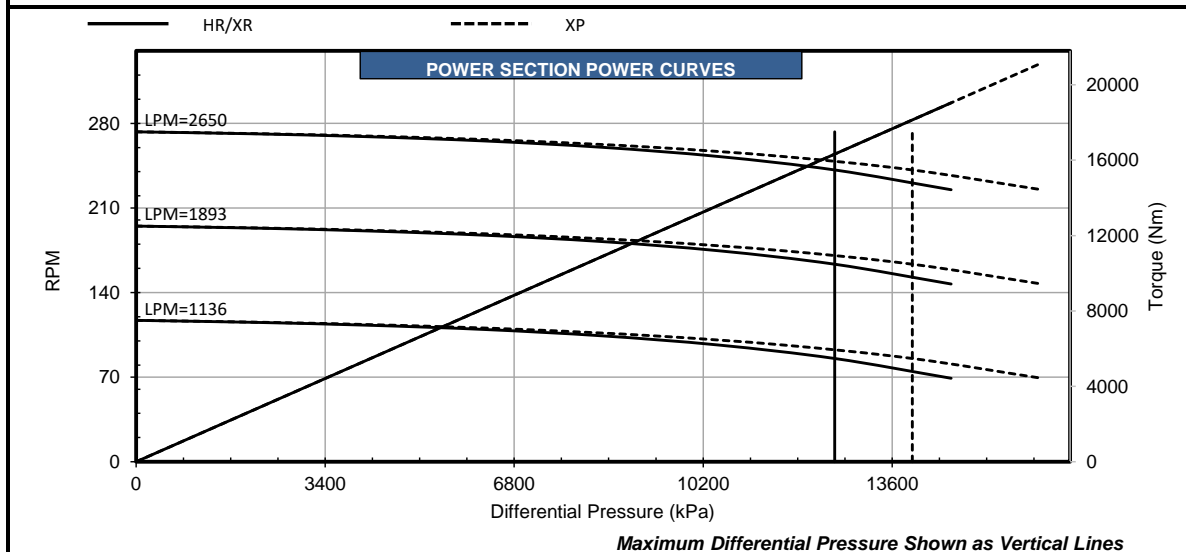
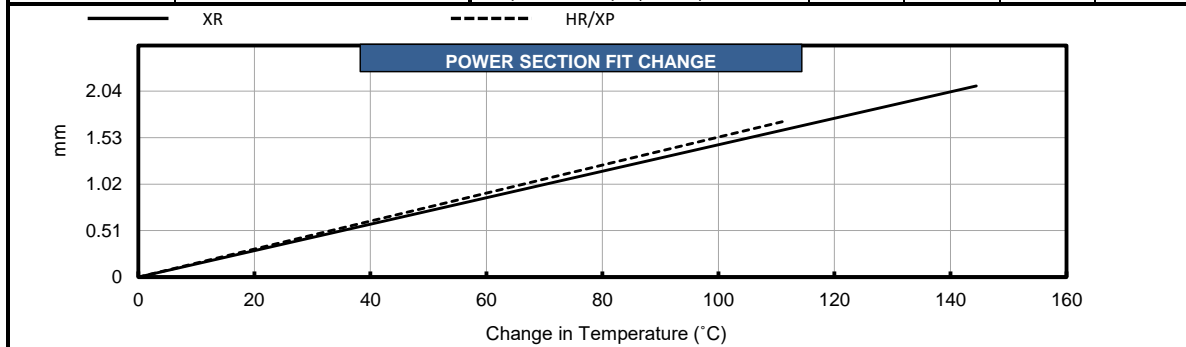
FIT INFORMATION - MINOR DIAMETER (mm)				
Stator Size	NBR-1A	DynaPower		
		XR	HR	XP
1 Undersize				
Standard		103.23*	103.23	103.23*
1 Oversize		103.76*	103.76	103.76*
2 Oversize				
Nominal Fit at 75°F				
1 Undersize				
Standard		0.03*	0.03	0.03*
1 Oversize		-0.51*	-0.51	-0.51*
2 Oversize				

ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
		(mm)	(mm)
Overall Length	5664.2	Overall Length	5892.8
Contour Length	5511.8	Rubber Cutback #1**	203.2
Eccentricity	7.16	Rubber Cutback #2**	203.2
Major Diameter	117.58	Tube O.D.	171.5
Head Diameter	107.95	Tube I.D.	139.7
Weight (kg)	328	Weight (kg)	312
Material	17-4SS	Number of Stages	8.1
Thread Form**	2 7/8 API REG		

\*Pending production measurements

\*\* Alternate or custom thread forms and cutbacks are available upon request

PERFORMANCE SPECIFICATIONS						
		NBR-1A	XR	HR	XP	
Torque Slope	1.299 Nm/kPa		12548	12548	13996	
Flow Range	1136 to 2650 Litre/min		16324	16324	18141	
RPG	0.103 rev/litre		18823	18823	20960	
Speed Range	117 to 273 RPM		24486	24486	27198	
Off Bottom Press.	1179 kPa		413	413	459	
			kPa Per Stage	1551	1551	1724
			kPa Per Cavity	248	248	276
			Temperature Slope (mm/°C)	0.0145	0.0154	0.0154



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