

## POWER SECTION

FIT INFORMATION - MINOR DIAMETER (in)				
Stator Size	DynaPower			
	HR	XR	XP	XE
1 Undersize	4.034		4.033*	4.034*
Standard	4.045	4.060	4.045*	4.045*
1 Oversize	4.059	4.059*	4.059*	4.059*
2 Oversize	4.078		4.078*	4.078*
Nominal Fit at 75°F				
1 Undersize	0.026		0.027*	0.026*
Standard	0.015	0.000	0.015*	0.015*
1 Oversize	0.001	0.001*	0.001*	0.001*
2 Oversize	-0.018		-0.018*	-0.018*

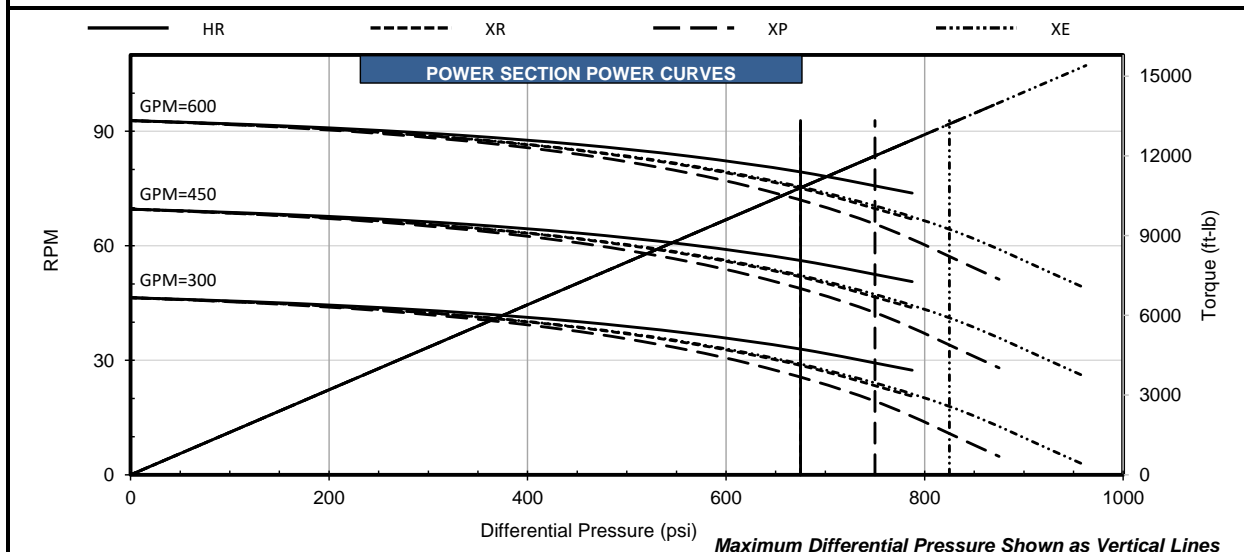
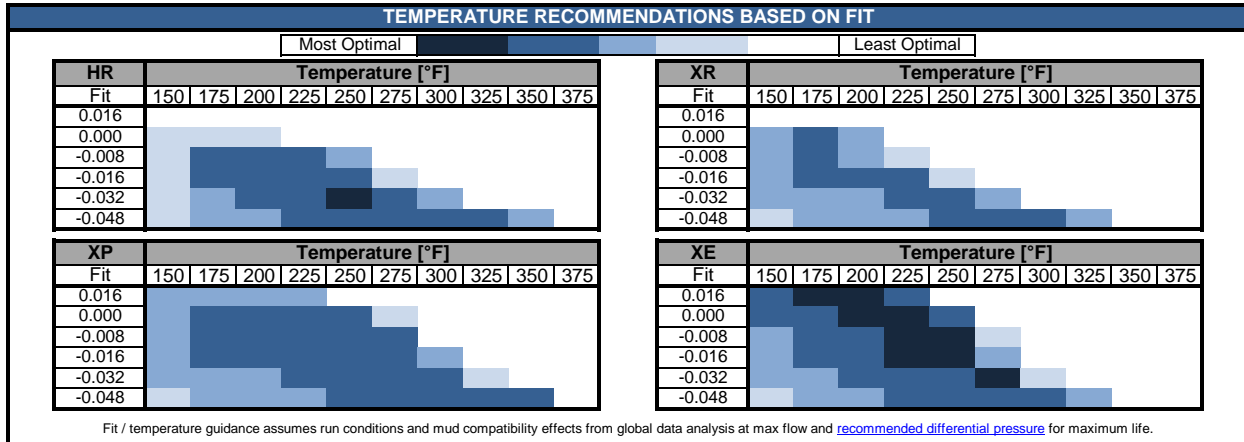
\*Pending production measurements

ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
Overall Length** (in)	197.5	Overall Length (in)	204.0
Contour Length** (in)	191.0	Cutback #1** (in)	7.5
Eccentricity (in)	0.255	Cutback #2** (in)	7.5
Major Diameter (in)	4.570	Tube O.D. (in)	6.75
Weight (lb)	570	Tube I.D. (in)	5.50
Head Diameter*** (in)	4.00	Weight (lb)	795
Material**	17-4SS		
Thread Form***	2 7/8 API REG		

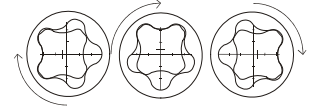
\*\*Representative options given. Verify specific requirements before placing order.

\*\*\*Customer specified

PERFORMANCE SPECIFICATIONS					
		HR	XR	XP	XE
Torque Slope	16.001 ft-lb/psi	680	680	750	830
Flow Range	300 to 600 GPM	10800	10800	12000	13200
RPG	0.155 rev/gal	1010	1010	1130	1240
Speed Range	46 to 93 RPM	16200	16200	18000	19800
Off Bottom Press.	87 psi	163	154	150	162
		225	225	250	275
		40	40	44	49
		0.000250	0.000233	0.000250	0.000260



Performance characteristics are estimates based on nominal conditions and are for reference only. Actual performance may be affected by rotor/stator fit, temperature, and other operating conditions. The torque may exceed the capacity of connected components and threads. Operating above the recommended limits of either the power section or connected components may reduce product life and result in damage to the power section and connected components. Data is subject to change without notice.



## POWER SECTION

FIT INFORMATION - MINOR DIAMETER (mm)				
Stator Size	DynaPower			
	HR	XR	XP	XE
1 Undersize	102.46		102.44*	102.46*
Standard	102.74	103.12	102.74*	102.74*
1 Oversize	103.10	103.10*	103.10*	103.10*
2 Oversize	103.58		103.58*	103.58*
Nominal Fit at 75°F				
1 Undersize	0.66		0.69*	0.66*
Standard	0.38	0.00	0.38*	0.38*
1 Oversize	0.03	0.03*	0.03*	0.03*
2 Oversize	-0.46		-0.46*	-0.46*

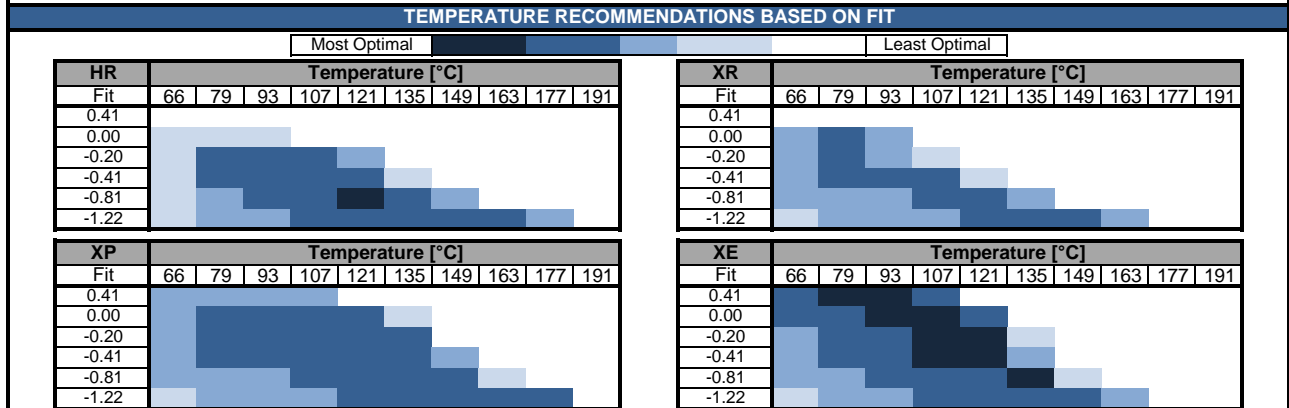
\*Pending production measurements

ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
Overall Length** (mm)	5016.5	Overall Length (mm)	5181.6
Contour Length** (mm)	4851.4	Cutback #1** (mm)	190.5
Eccentricity (mm)	6.48	Cutback #2** (mm)	190.5
Major Diameter (mm)	116.08	Tube O.D. (mm)	171.5
Weight (kg)	259	Tube I.D. (mm)	139.7
Head Diameter*** (mm)	101.60	Weight (kg)	361
Material**	17-4SS		
Thread Form**	2 7/8 API REG		

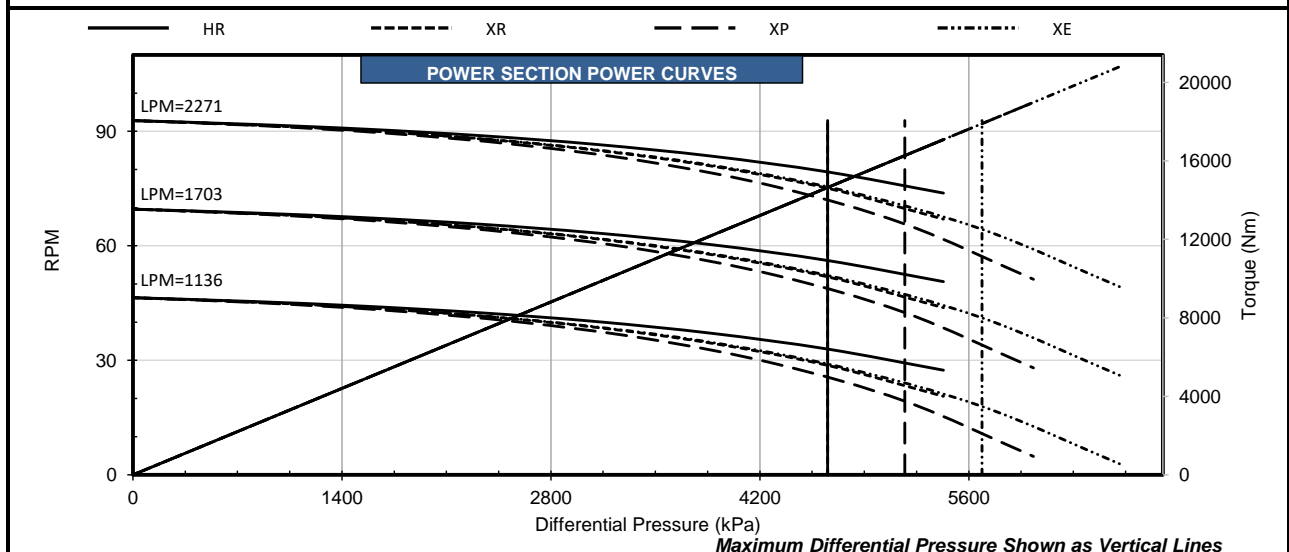
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PERFORMANCE SPECIFICATIONS						
		HR	XR	XP	XE	
Torque Slope	3.146 Nm/kPa	4688	4688	5171	5723	Max. Diff. Press. (kPa)
Flow Range	1136 to 2271 Litre/min	14643	14643	16270	17897	Max. Torque (Nm)
RPG	0.041 rev/litre	6964	6964	7791	8550	Stall Diff. Press. (kPa)
Speed Range	46 to 93 RPM	21964	21964	24405	26845	Stall Torque (Nm)
Off Bottom Press.	600 kPa	122	115	112	121	Max. Recommended (kW)
		1551	1551	1724	1896	kPa Per Stage
		276	276	303	338	kPa Per Cavity
		0.0114	0.0107	0.0114	0.0119	Temperature Slope (mm/°C)



Fit / temperature guidance assumes run conditions and mud compatibility effects from global data analysis at max flow and recommended differential pressure for maximum life.



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