

## POWER SECTION

FIT INFORMATION - MINOR DIAMETER (in)				
Stator Size	DynaPower			
	HR	XR	XP	XE
1 Undersize	2.998		2.997	2.998*
Standard	3.009	3.012	3.006	3.009*
1 Oversize	3.024	3.024*	3.024*	3.024*
2 Oversize	3.039	3.039*	3.039*	3.039*
Nominal Fit at 75°F				
1 Undersize	0.011		0.012	0.011*
Standard	0.000	-0.003	0.003	0.000*
1 Oversize	-0.015	-0.015*	-0.015*	-0.015*
2 Oversize	-0.030	-0.030*	-0.030*	-0.030*

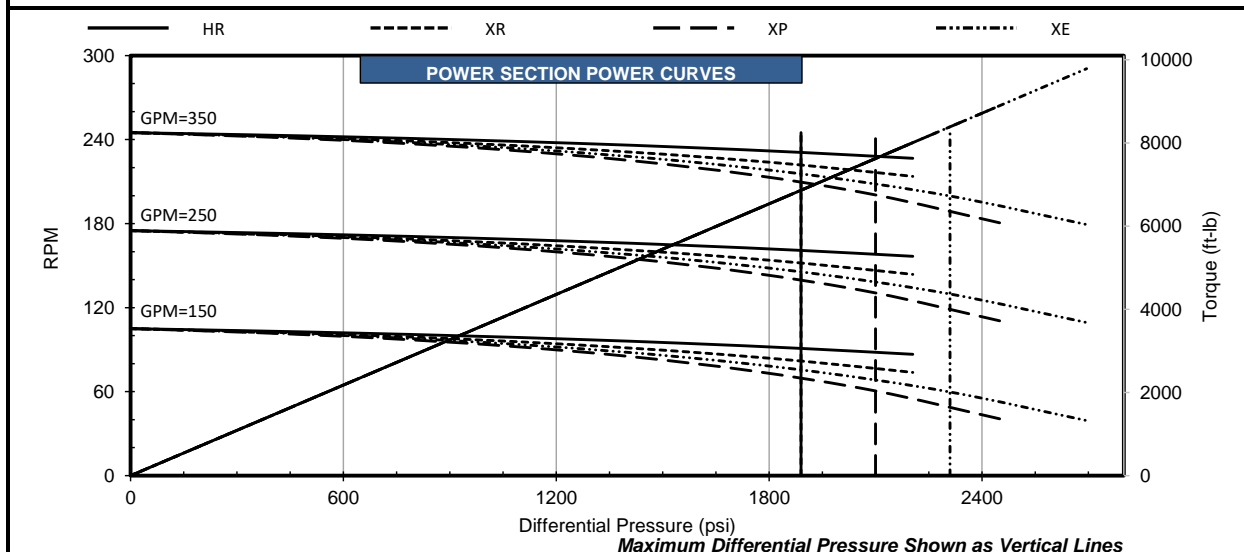
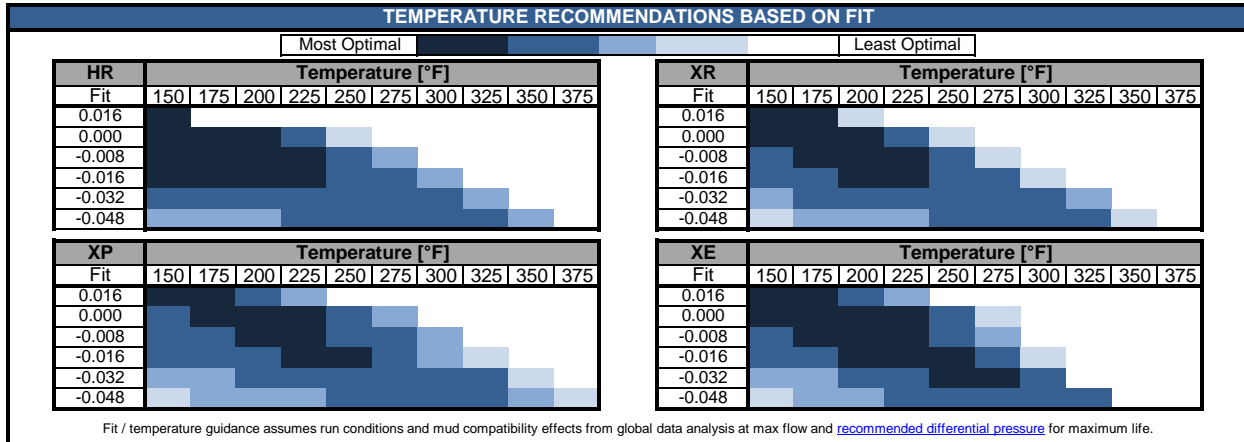
\*Pending production measurements

ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
Overall Length** (in)	251.6	Overall Length (in)	250.0
Contour Length** (in)	235.0	Cutback #1** (in)	8.0
Eccentricity (in)	0.173	Cutback #2** (in)	8.0
Major Diameter (in)	3.354	Tube O.D. (in)	5.00
Weight (lb)	503	Tube I.D. (in)	4.00
Head Diameter*** (in)	3.70	Weight (lb)	477
Material**	17-4SS		
Thread	2 3/8 Hughes		
Form***	Slimline H-90		

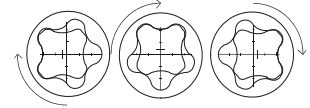
\*\*Representative options given. Verify specific requirements before placing order.

\*\*\*Customer specified

PERFORMANCE SPECIFICATIONS						
		HR	XR	XP	XE	
Torque Slope	3.631 ft-lb/psi					
Flow Range	150 to 350 GPM					
RPG	0.700 rev/gal					
Speed Range	105 to 245 RPM					
Off Bottom Press.	122 psi					
		Max. Diff. Press. (psi)	1890	1890	2100	2310
		Max. Torque (ft-lb)	6860	6860	7630	8390
		Stall Diff. Press. (psi)	2840	2840	3150	3470
		Stall Torque (ft-lb)	10290	10290	11440	12580
		Max. Recommended (HP)	302	290	291	319
		PSI Per Stage	225	225	250	275
		PSI Per Cavity	31	31	35	38
		Temperature Slope (in/°F)	0.000230	0.000216	0.000230	0.000240



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	76.15		76.12	76.15*
Standard	76.43	76.50	76.35	76.43*
1 Oversize	76.81	76.81*	76.81*	76.81*
2 Oversize	77.19	77.19*	77.19*	77.19*
Nominal Fit at 75°F				
1 Undersize	0.28		0.30	0.28*
Standard	0.00	-0.08	0.08	0.00*
1 Oversize	-0.38	-0.38*	-0.38*	-0.38*
2 Oversize	-0.76	-0.76*	-0.76*	-0.76*

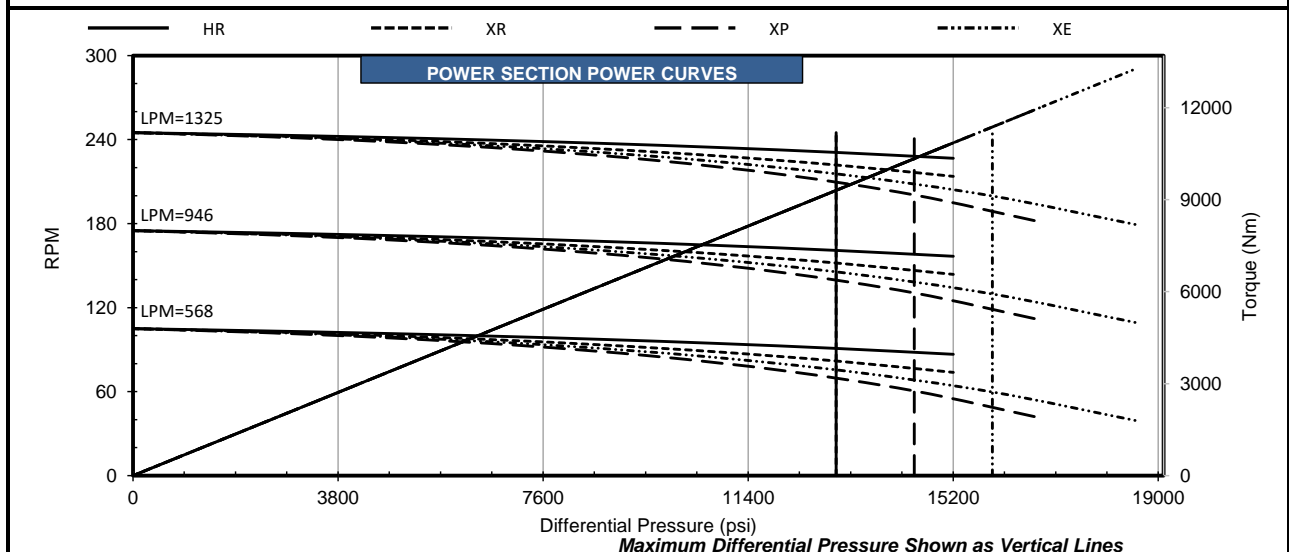
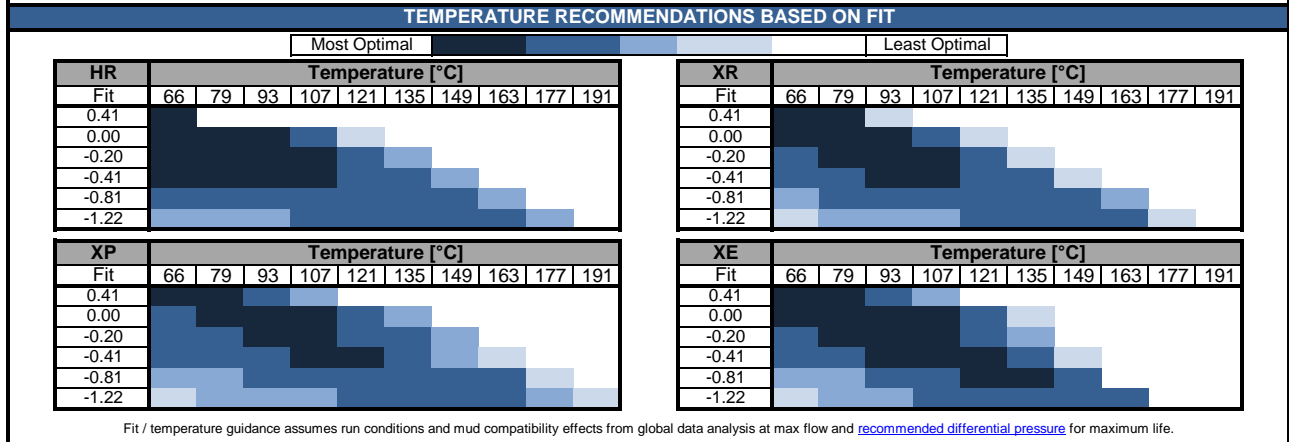
\*Pending production measurements

ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
Overall Length** (mm)	6390.6	Overall Length (mm)	6350.0
Contour Length** (mm)	5969.0	Cutback #1** (mm)	203.2
Eccentricity (mm)	4.38	Cutback #2** (mm)	203.2
Major Diameter (mm)	85.19	Tube O.D. (mm)	127.0
Weight (kg)	228	Tube I.D. (mm)	101.6
Head Diameter*** (mm)	93.98	Weight (kg)	216
Material**	17-4SS		
Thread	2 3/8 Hughes		
Form**	Slimline H-90		

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\*\*\*Customer specified

PERFORMANCE SPECIFICATIONS						
		HR	XR	XP	XE	
Torque Slope	0.714 Nm/kPa	13031	13031	14479	15927	
Flow Range	568 to 1325 Litre/min	9301	9301	10345	11375	
RPG	0.185 rev/litre	19581	19581	21718	23925	
Speed Range	105 to 245 RPM	13951	13951	15511	17056	
Off Bottom Press.	841 kPa	225	216	217	238	
		kPa Per Stage	1551	1551	1724	1896
		kPa Per Cavity	214	214	241	262
		Temperature Slope (mm/°C)	0.0105	0.0099	0.0105	0.0110



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