

## POWER SECTION

FIT INFORMATION - MINOR DIAMETER (in)				
Stator Size	DynaPower			
	HR	XR	XP	XE
1 Undersize				
Standard	3.690	3.694	3.688	3.690*
1 Oversize	3.706	3.706*	3.706*	3.706*
2 Oversize	3.723	3.723*	3.720	3.723*
Nominal Fit at 75°F				
1 Undersize				
Standard	0.012	0.008	0.014	0.012*
1 Oversize	-0.004	-0.004*	-0.004*	-0.004*
2 Oversize	-0.021	-0.021*	-0.019	-0.021*

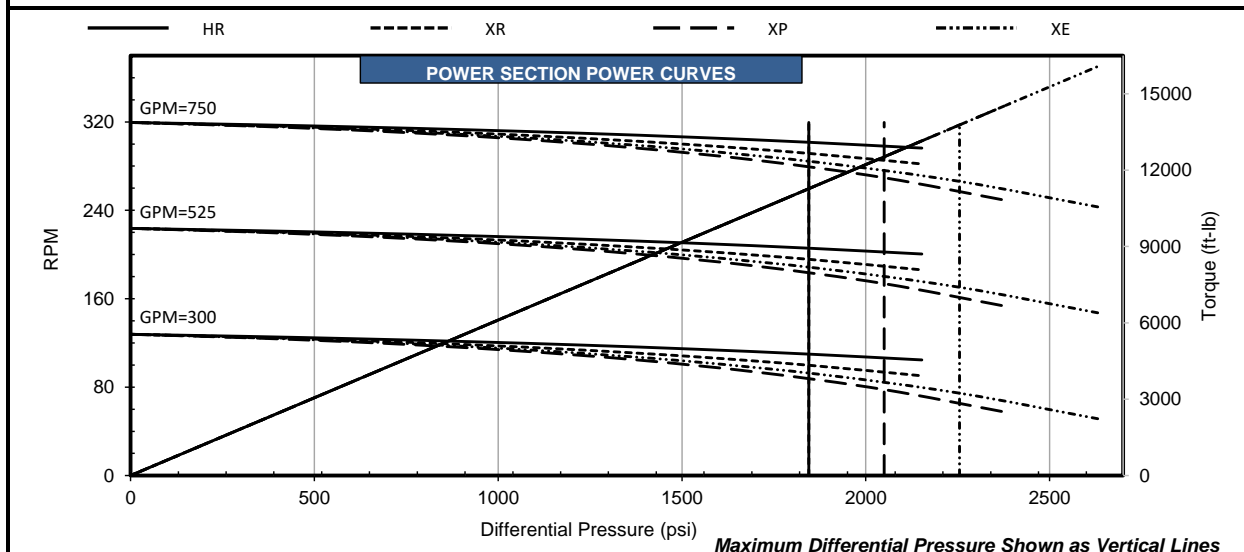
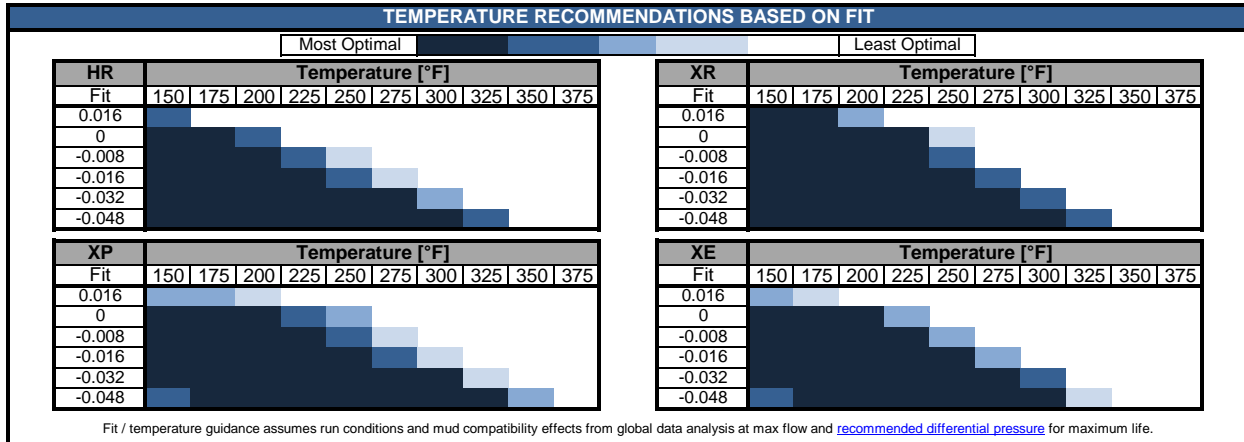
\*Pending production measurements

ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
Overall Length** (in)	233.0	Overall Length (in)	246.0
Contour Length** (in)	226.0	Cutback #1** (in)	7.0
Eccentricity (in)	0.335	Cutback #2** (in)	15.0
Major Diameter (in)	4.371	Tube O.D. (in)	7.00
Weight (lb)	633	Tube I.D. (in)	5.50
Head Diameter*** (in)	4.50	Weight (lb)	1107
Material**	17-4SS		
Thread	2 7/8 Hughes		
Form***	Slimline H-90		

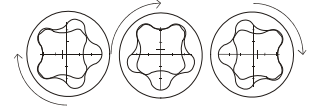
\*\*Representative options given. Verify specific requirements before placing order.

\*\*\*Customer specified

PERFORMANCE SPECIFICATIONS				
	HR	XR	XP	XE
Torque Slope	6.109 ft-lb/psi			
Flow Range	300 to 750 GPM			
RPG	0.426 rev/gal			
Speed Range	128 to 320 RPM			
Off Bottom Press.	200 psi			
Max. Diff. Press. (psi)	1850	1850	2050	2260
Max. Torque (ft-lb)	11270	11270	12520	13780
Stall Diff. Press. (psi)	2770	2770	3080	3380
Stall Torque (ft-lb)	16910	16910	18790	20660
Max. Recommended (HP)	647	626	643	698
PSI Per Stage	225	225	250	275
PSI Per Cavity	42	42	46	51
Temperature Slope (in/°F)	0.000331	0.000312	0.000331	0.000347



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				
Standard	93.73	93.83	93.68	93.73*
1 Oversize	94.13	94.13*	94.13*	94.13*
2 Oversize	94.56	94.56*	94.49	94.56*
Nominal Fit at 75°F				
1 Undersize				
Standard	0.30	0.20	0.36	0.30*
1 Oversize	-0.10	-0.10*	-0.10*	-0.10*
2 Oversize	-0.53	-0.53*	-0.48	-0.53*

\*Pending production measurements

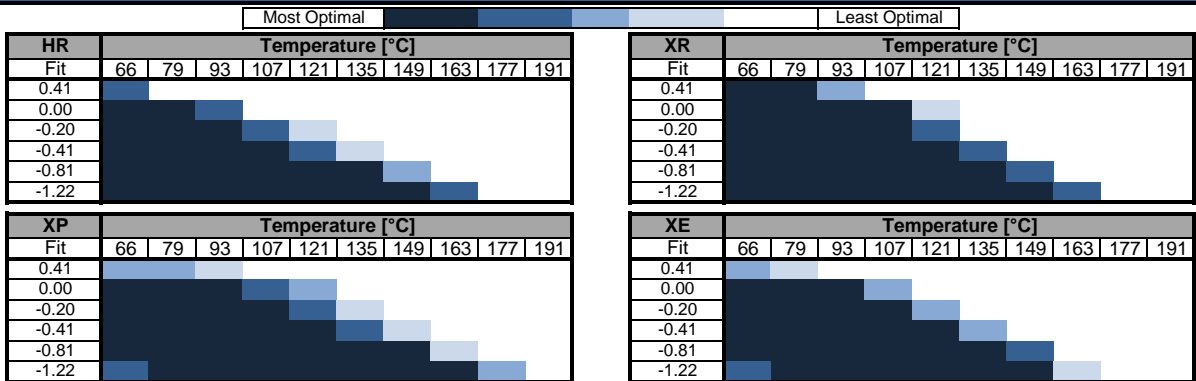
ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
Overall Length** (mm)	5918.2	Overall Length (mm)	6248.4
Contour Length** (mm)	5740.4	Cutback #1** (mm)	177.8
Eccentricity (mm)	8.50	Cutback #2** (mm)	381.0
Major Diameter (mm)	111.02	Tube O.D. (mm)	177.8
Weight (kg)	287	Tube I.D. (mm)	139.7
Head Diameter*** (mm)	114.30	Weight (kg)	502
Material**	17-4SS		
Thread	2 7/8 Hughes Slimline		
Form**	H-90		

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

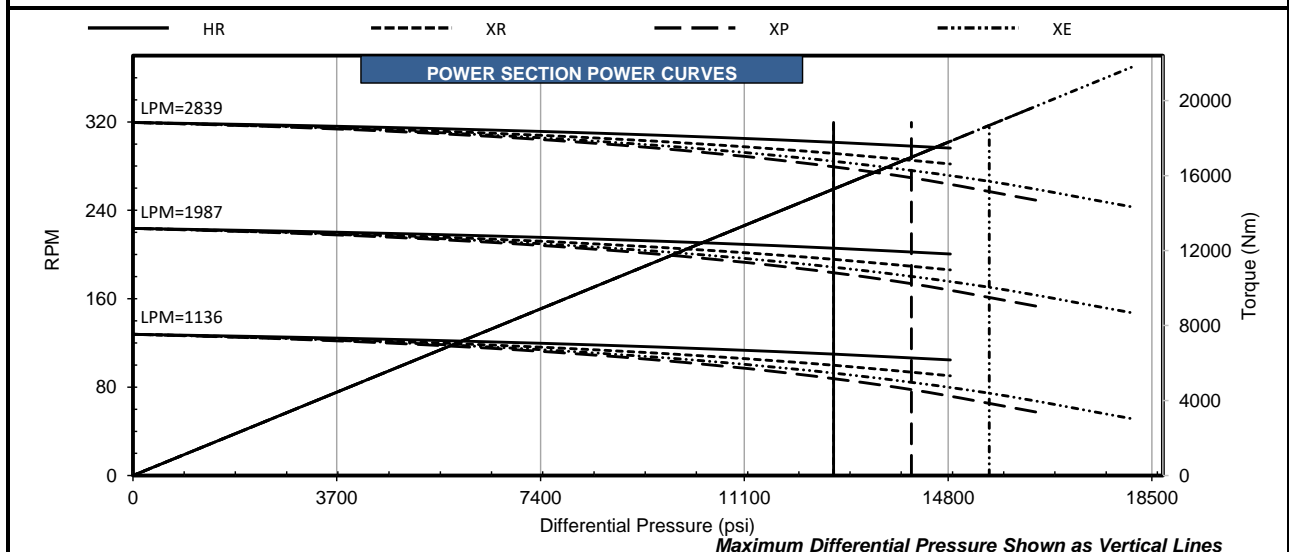
\*\*\*Customer specified

PERFORMANCE SPECIFICATIONS						
		HR	XR	XP	XE	
Torque Slope	1.201 Nm/kPa	12755	12755	14134	15582	
Flow Range	1136 to 2839 Litre/min	15280	15280	16975	18683	
RPG	0.113 rev/litre	19098	19098	21236	23304	
Speed Range	128 to 320 RPM	22927	22927	25476	28011	
Off Bottom Press.	1379 kPa	483	467	479	521	
		kPa Per Stage	1551	1551	1724	1896
		kPa Per Cavity	290	290	317	352
		Temperature Slope (mm/°C)	0.0151	0.0143	0.0151	0.0159

### TEMPERATURE RECOMMENDATIONS BASED ON FIT



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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