

POWER SECTION

| FIT INFORMATION - MINOR DIAMETER (in) | | | | |
|---------------------------------------|-----------|---------|---------|---------|
| Stator Size | DynaPower | | | |
| | HR | XR | XP | XE |
| 1 Undersize | 2.854* | 2.863* | 2.854* | 2.854* |
| Standard | 2.864 | 2.874* | 2.868 | 2.871 |
| 1 Oversize | 2.875 | 2.883* | 2.875* | 2.875* |
| 2 Oversize | | | | |
| Nominal Fit at 75°F | | | | |
| 1 Undersize | 0.010* | 0.001* | 0.010* | 0.010* |
| Standard | 0.000 | -0.010* | -0.004 | -0.007 |
| 1 Oversize | -0.011 | -0.019* | -0.011* | -0.011* |
| 2 Oversize | | | | |

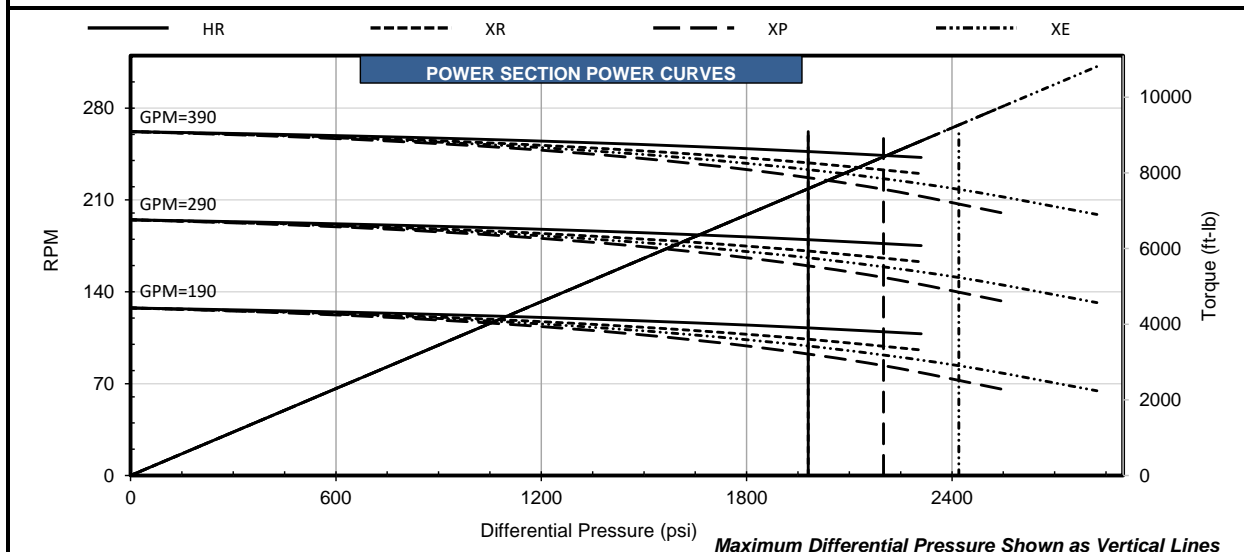
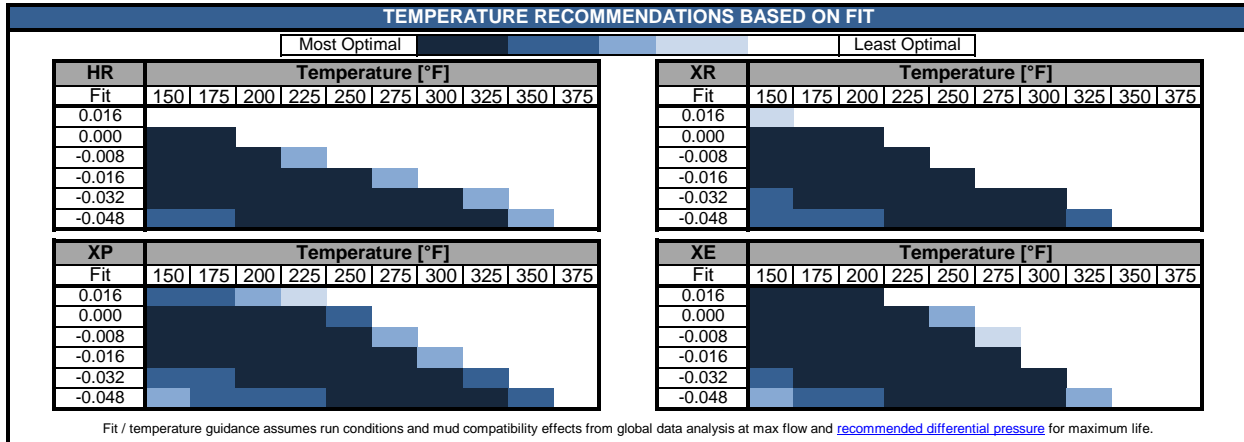
*Pending production measurements

| ROTOR SPECIFICATIONS | | STATOR SPECIFICATIONS | |
|-----------------------|----------------|-----------------------|-------|
| Overall Length** (in) | 265.0 | Overall Length (in) | 275.0 |
| Contour Length** (in) | 255.0 | Cutback #1** (in) | 8.0 |
| Eccentricity (in) | 0.217 | Cutback #2** (in) | 8.0 |
| Major Diameter (in) | 3.298 | Tube O.D. (in) | 5.50 |
| Weight (lb) | 464 | Tube I.D. (in) | 4.00 |
| Head Diameter*** (in) | 3.40 | Weight (lb) | 832 |
| Material** | 145 KSI 17-4SS | | |
| Thread Form*** | BLANK | | |

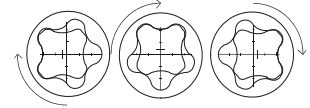
**Representative options given. Verify specific requirements before placing order.

***Customer specified

| PERFORMANCE SPECIFICATIONS | | | | | | |
|----------------------------|-----------------|---------------------------|----------|----------|----------|----------|
| | | HR | XR | XP | XE | |
| Torque Slope | 3.829 ft-lb/psi | | | | | |
| Flow Range | 190 to 390 GPM | | | | | |
| RPG | 0.672 rev/gal | | | | | |
| Speed Range | 128 to 262 RPM | | | | | |
| Off Bottom Press. | 135 psi | | | | | |
| | | Max. Diff. Press. (psi) | 1980 | 1980 | 2200 | 2420 |
| | | Max. Torque (ft-lb) | 7580 | 7580 | 8420 | 9270 |
| | | Stall Diff. Press. (psi) | 2970 | 2970 | 3300 | 3630 |
| | | Stall Torque (ft-lb) | 11370 | 11370 | 12640 | 13900 |
| | | Max. Recommended (HP) | 356 | 344 | 350 | 385 |
| | | PSI Per Stage | 225 | 225 | 250 | 275 |
| | | PSI Per Cavity | 36 | 36 | 40 | 44 |
| | | Temperature Slope (in/°F) | 0.000247 | 0.000236 | 0.000247 | 0.000267 |



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 | 72.49* | 72.72* | 72.49* | 72.49* |
| Standard | 72.75 | 73.00* | 72.85 | 72.92 |
| 1 Oversize | 73.03 | 73.23* | 73.03* | 73.03* |
| 2 Oversize | | | | |
| Nominal Fit at 75°F | | | | |
| 1 Undersize | 0.25* | 0.03* | 0.25* | 0.25* |
| Standard | 0.00 | -0.25* | -0.10 | -0.18 |
| 1 Oversize | -0.28 | -0.48* | -0.28* | -0.28* |
| 2 Oversize | | | | |

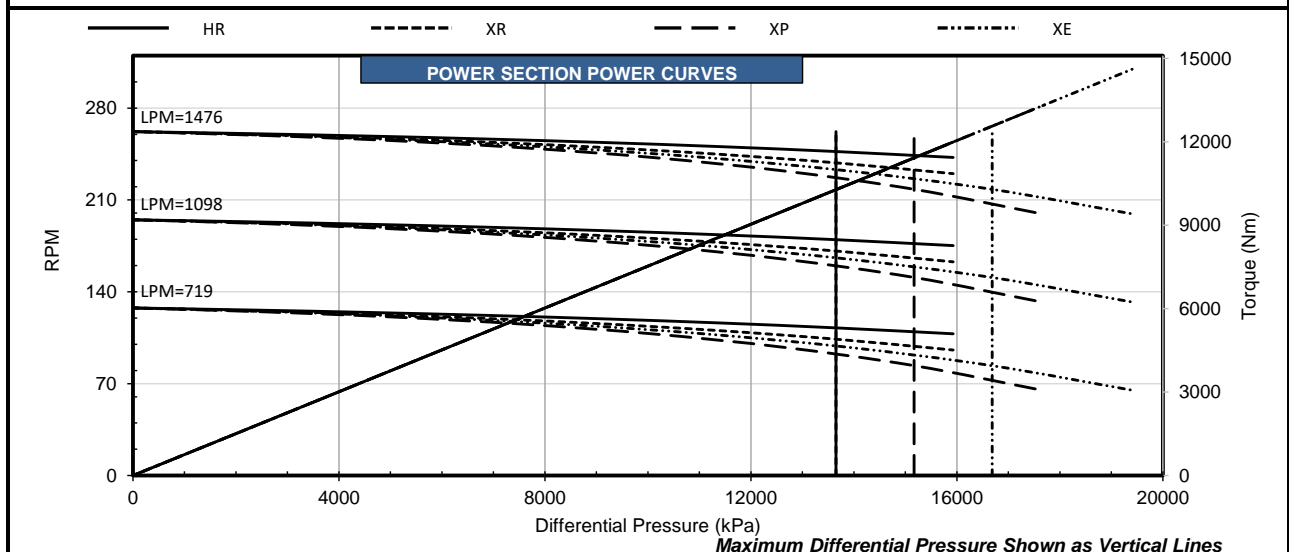
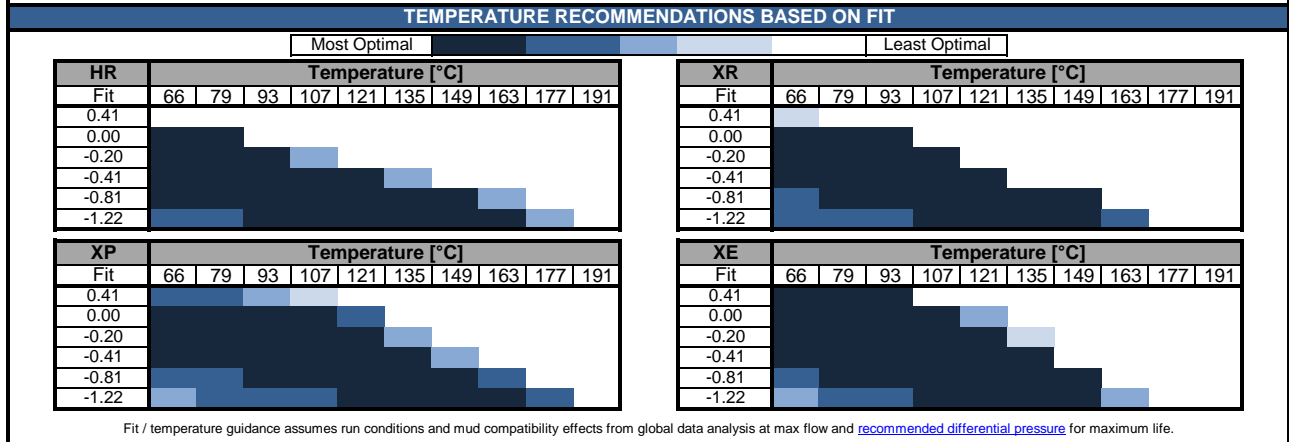
*Pending production measurements

| ROTOR SPECIFICATIONS | | STATOR SPECIFICATIONS | |
|-----------------------|----------------|-----------------------|--------|
| Overall Length** (mm) | 6731.0 | Overall Length (mm) | 6985.0 |
| Contour Length** (mm) | 6477.0 | Cutback #1** (mm) | 203.2 |
| Eccentricity (mm) | 5.51 | Cutback #2** (mm) | 203.2 |
| Major Diameter (mm) | 83.77 | Tube O.D. (mm) | 139.7 |
| Weight (kg) | 210 | Tube I.D. (mm) | 101.6 |
| Head Diameter*** (mm) | 86.36 | Weight (kg) | 377 |
| Material** | 145 KSI 17-4SS | | |
| Thread Form** | BLANK | | |

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

***Customer specified

| PERFORMANCE SPECIFICATIONS | | | | | | |
|----------------------------|-----------------------|---------------------------|--------|--------|--------|--------|
| | | HR | XR | XP | XE | |
| Torque Slope | 0.753 Nm/kPa | | | | | |
| Flow Range | 719 to 1476 Litre/min | | | | | |
| RPG | 0.178 rev/litre | | | | | |
| Speed Range | 128 to 262 RPM | | | | | |
| Off Bottom Press. | 931 kPa | | | | | |
| | | Max. Diff. Press. (kPa) | 13652 | 13652 | 15168 | 16685 |
| | | Max. Torque (Nm) | 10277 | 10277 | 11416 | 12568 |
| | | Stall Diff. Press. (kPa) | 20477 | 20477 | 22753 | 25028 |
| | | Stall Torque (Nm) | 15416 | 15416 | 17138 | 18846 |
| | | Max. Recommended (kW) | 266 | 257 | 261 | 287 |
| | | kPa Per Stage | 1551 | 1551 | 1724 | 1896 |
| | | kPa Per Cavity | 248 | 248 | 276 | 303 |
| | | Temperature Slope (mm/°C) | 0.0113 | 0.0108 | 0.0113 | 0.0122 |



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