

POWER SECTION

| FIT INFORMATION - MINOR DIAMETER (in) | | | | |
|---------------------------------------|-----------|--------|---------|---------|
| Stator Size | DynaPower | | | |
| | HR | XR | XP | XE |
| 1 Undersize | | | | |
| Standard | 2.489 | 2.500 | 2.489* | 2.489* |
| 1 Oversize | 2.515 | 2.523 | 2.515* | 2.515* |
| 2 Oversize | 2.530 | 2.535 | 2.530* | 2.530* |
| Nominal Fit at 75°F | | | | |
| 1 Undersize | | | | |
| Standard | 0.013 | 0.002 | 0.013* | 0.013* |
| 1 Oversize | -0.013 | -0.021 | -0.013* | -0.013* |
| 2 Oversize | -0.028 | -0.033 | -0.028* | -0.028* |

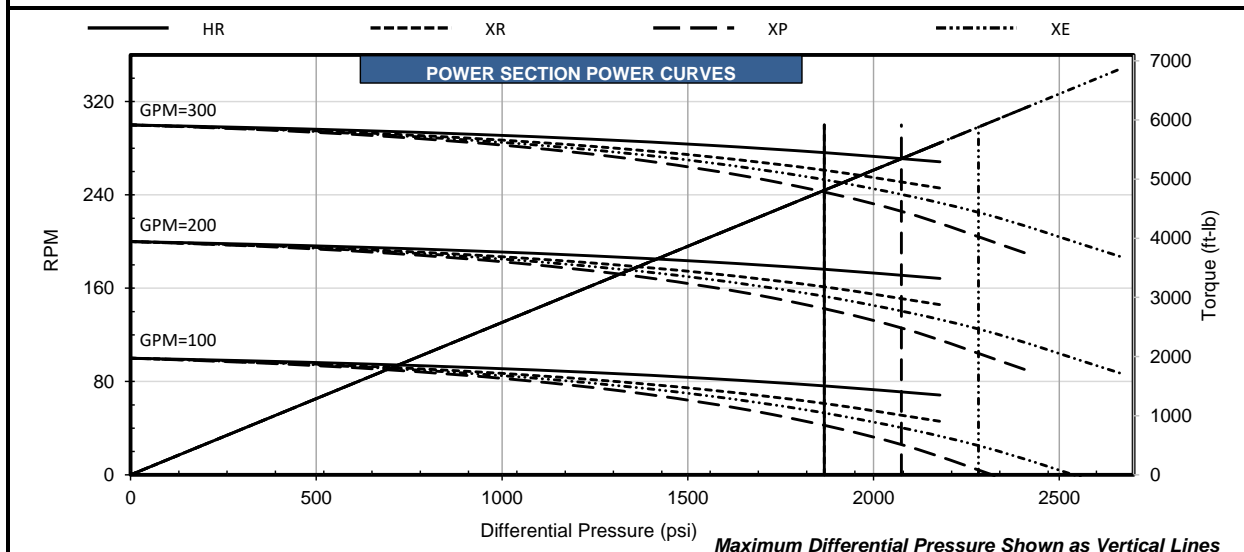
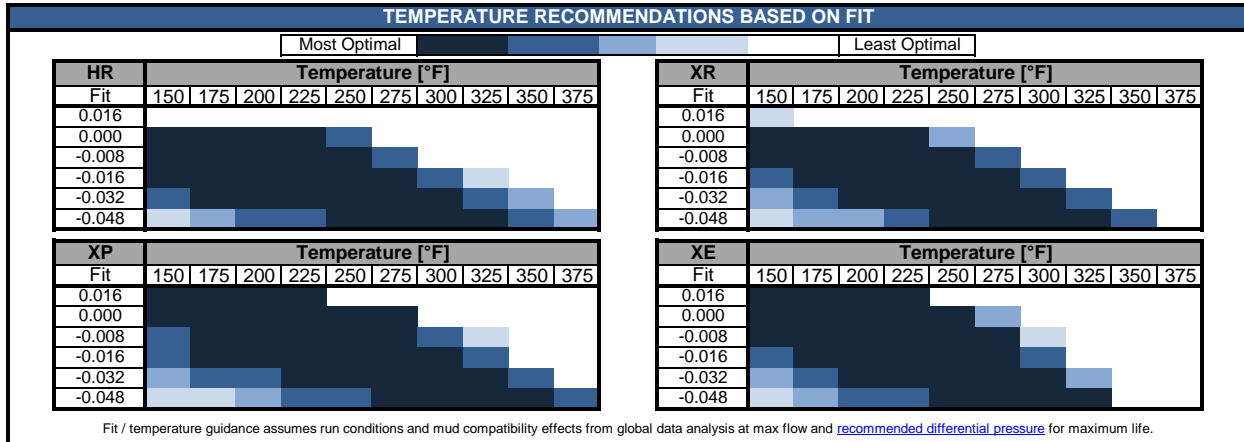
*Pending production measurements

| ROTOR SPECIFICATIONS | | STATOR SPECIFICATIONS | |
|-----------------------|--------------------|-----------------------|-------|
| Overall Length** (in) | 229.4 | Overall Length (in) | 242.6 |
| Contour Length** (in) | 223.4 | Cutback #1** (in) | 8.0 |
| Eccentricity (in) | 0.207 | Cutback #2** (in) | 11.0 |
| Major Diameter (in) | 2.916 | Tube O.D. (in) | 4.75 |
| Weight (lb) | 267 | Tube I.D. (in) | 3.75 |
| Head Diameter*** (in) | 2.75 | Weight (lb) | 505 |
| Material** | 17-4SS | | |
| Thread Form*** | 2 3/8 HEF Mod Flat | | |

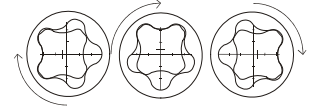
**Representative options given. Verify specific requirements before placing order.

***Customer specified

| PERFORMANCE SPECIFICATIONS | | | | | | |
|----------------------------|-----------------|--------------------------|----------|----------|----------|----------|
| | | HR | XR | XP | XE | |
| Torque Slope | 2.576 ft-lb/psi | | | | | |
| Flow Range | 100 to 300 GPM | | | | | |
| RPG | 1.000 rev/gal | | | | | |
| Speed Range | 100 to 300 RPM | | | | | |
| Off Bottom Press. | 116 psi | | | | | |
| | | Max. Diff. Press. (psi) | 1870 | 1870 | 2080 | 2280 |
| | | Max. Torque (ft-lb) | 4810 | 4810 | 5350 | 5880 |
| | | Stall Diff. Press. (psi) | 2800 | 2800 | 3110 | 3420 |
| | | Stall Torque (ft-lb) | 7220 | 7220 | 8020 | 8820 |
| | | Max. Recommended (HP) | 253 | 239 | 230 | 252 |
| | | PSI Per Stage | 225 | 225 | 250 | 275 |
| | | PSI Per Cavity | 42 | 42 | 46 | 51 |
| | | Temperature Slope (in/F) | 0.000241 | 0.000228 | 0.000241 | 0.000252 |



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 | 63.22 | 63.50 | 63.22* | 63.22* |
| 1 Oversize | 63.88 | 64.08 | 63.88* | 63.88* |
| 2 Oversize | 64.26 | 64.39 | 64.26* | 64.26* |
| Nominal Fit at 75°F | | | | |
| 1 Undersize | | | | |
| Standard | 0.33 | 0.05 | 0.33* | 0.33* |
| 1 Oversize | -0.33 | -0.53 | -0.33* | -0.33* |
| 2 Oversize | -0.71 | -0.84 | -0.71* | -0.71* |

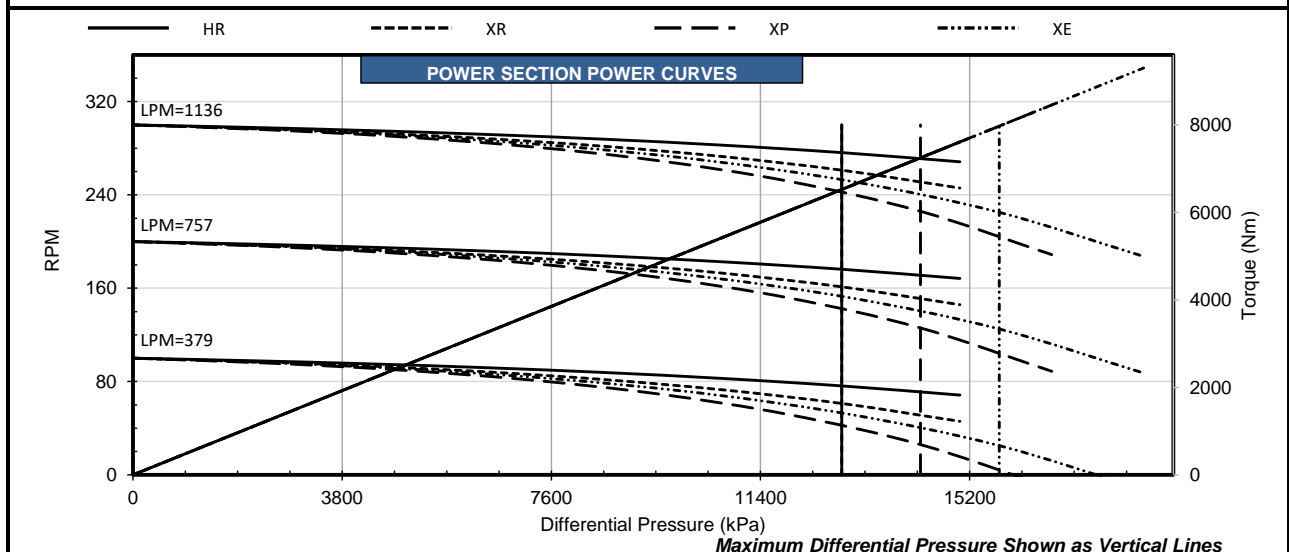
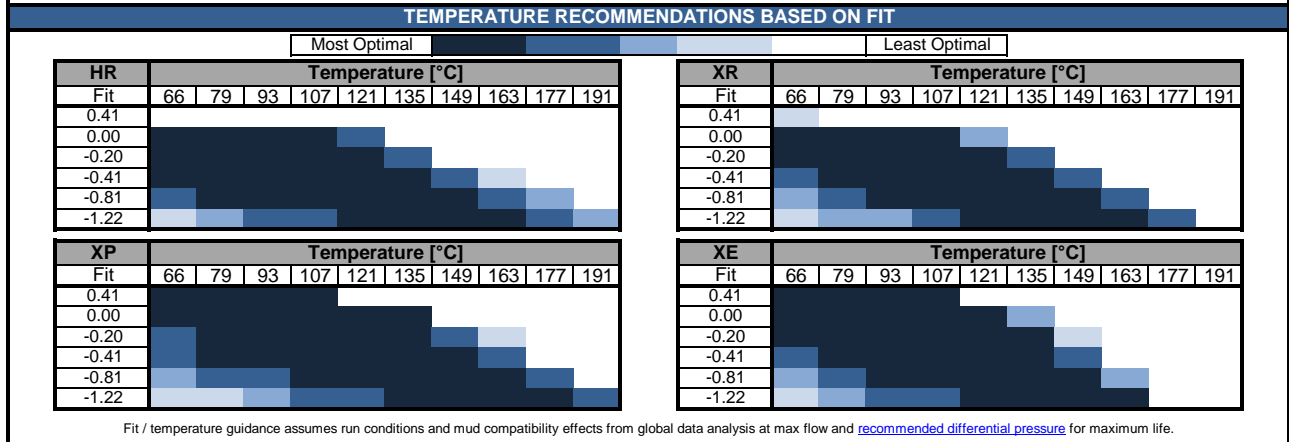
*Pending production measurements

| ROTOR SPECIFICATIONS | | STATOR SPECIFICATIONS | |
|-----------------------|--------------------|-----------------------|--------|
| Overall Length** (mm) | 5826.8 | Overall Length (mm) | 6162.0 |
| Contour Length** (mm) | 5674.4 | Cutback #1** (mm) | 203.2 |
| Eccentricity (mm) | 5.26 | Cutback #2** (mm) | 279.4 |
| Major Diameter (mm) | 74.07 | Tube O.D. (mm) | 120.7 |
| Weight (kg) | 121 | Tube I.D. (mm) | 95.3 |
| Head Diameter*** (mm) | 69.85 | Weight (kg) | 229 |
| Material** | 17-4SS | | |
| Thread Form** | 2 3/8 HEF Mod Flat | | |

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

***Customer specified

| PERFORMANCE SPECIFICATIONS | | | | | | |
|----------------------------|-----------------------|---------------------------|--------|--------|--------|--------|
| | | HR | XR | XP | XE | |
| Torque Slope | 0.507 Nm/kPa | | | | | |
| Flow Range | 379 to 1136 Litre/min | | | | | |
| RPG | 0.264 rev/litre | | | | | |
| Speed Range | 100 to 300 RPM | | | | | |
| Off Bottom Press. | 800 kPa | | | | | |
| | | Max. Diff. Press. (kPa) | 12893 | 12893 | 14341 | 15720 |
| | | Max. Torque (Nm) | 6521 | 6521 | 7254 | 7972 |
| | | Stall Diff. Press. (kPa) | 19305 | 19305 | 21443 | 23580 |
| | | Stall Torque (Nm) | 9789 | 9789 | 10874 | 11958 |
| | | Max. Recommended (kW) | 189 | 178 | 172 | 188 |
| | | kPa Per Stage | 1551 | 1551 | 1724 | 1896 |
| | | kPa Per Cavity | 290 | 290 | 317 | 352 |
| | | Temperature Slope (mm/°C) | 0.0110 | 0.0104 | 0.0110 | 0.0115 |



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.