

POWER SECTION

| FIT INFORMATION - MINOR DIAMETER (in) | | | | |
|---------------------------------------|-----------|---------|---------|---------|
| Stator Size | DynaPower | | | |
| | HR | XR | XP | XE |
| 1 Undersize | 2.596 | | 2.596* | 2.596* |
| Standard | 2.610 | 2.620 | 2.610* | 2.610* |
| 1 Oversize | 2.624 | 2.634 | 2.624* | 2.624* |
| 2 Oversize | 2.651 | 2.651* | 2.651* | 2.651* |
| Nominal Fit at 75°F | | | | |
| 1 Undersize | 0.023 | | 0.023* | 0.023* |
| Standard | 0.009 | -0.001 | 0.009* | 0.009* |
| 1 Oversize | -0.005 | -0.015 | -0.005* | -0.005* |
| 2 Oversize | -0.032 | -0.032* | -0.032* | -0.032* |

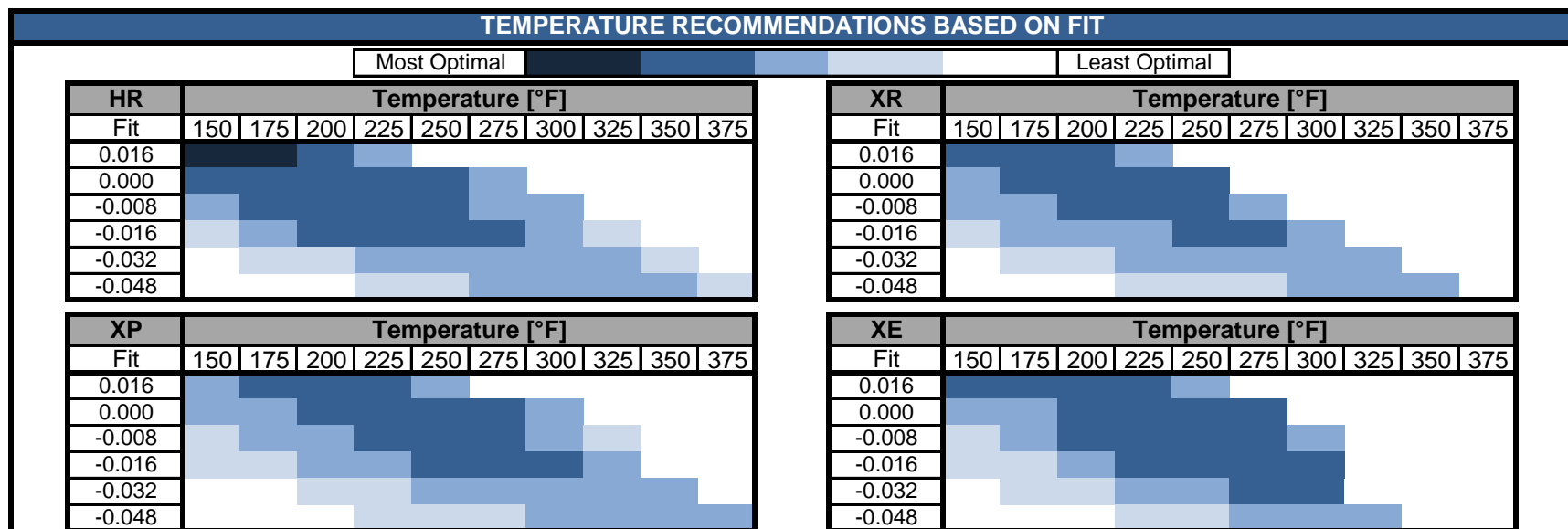
*Pending production measurements

| ROTOR SPECIFICATIONS | | STATOR SPECIFICATIONS | |
|-----------------------|--------------------|-----------------------|-------|
| Overall Length** (in) | 178.0 | Overall Length (in) | 187.0 |
| Contour Length** (in) | 172.3 | Cutback #1** (in) | 8.0 |
| Eccentricity (in) | 0.163 | Cutback #2** (in) | 8.0 |
| Major Diameter (in) | 2.945 | Tube O.D. (in) | 5.00 |
| Weight (lb) | 277 | Tube I.D. (in) | 3.75 |
| Head Diameter*** (in) | 2.75 | Weight (lb) | 485 |
| Material** | 17-4SS | | |
| Thread Form*** | 2 3/8 HEF Mod Flat | | |

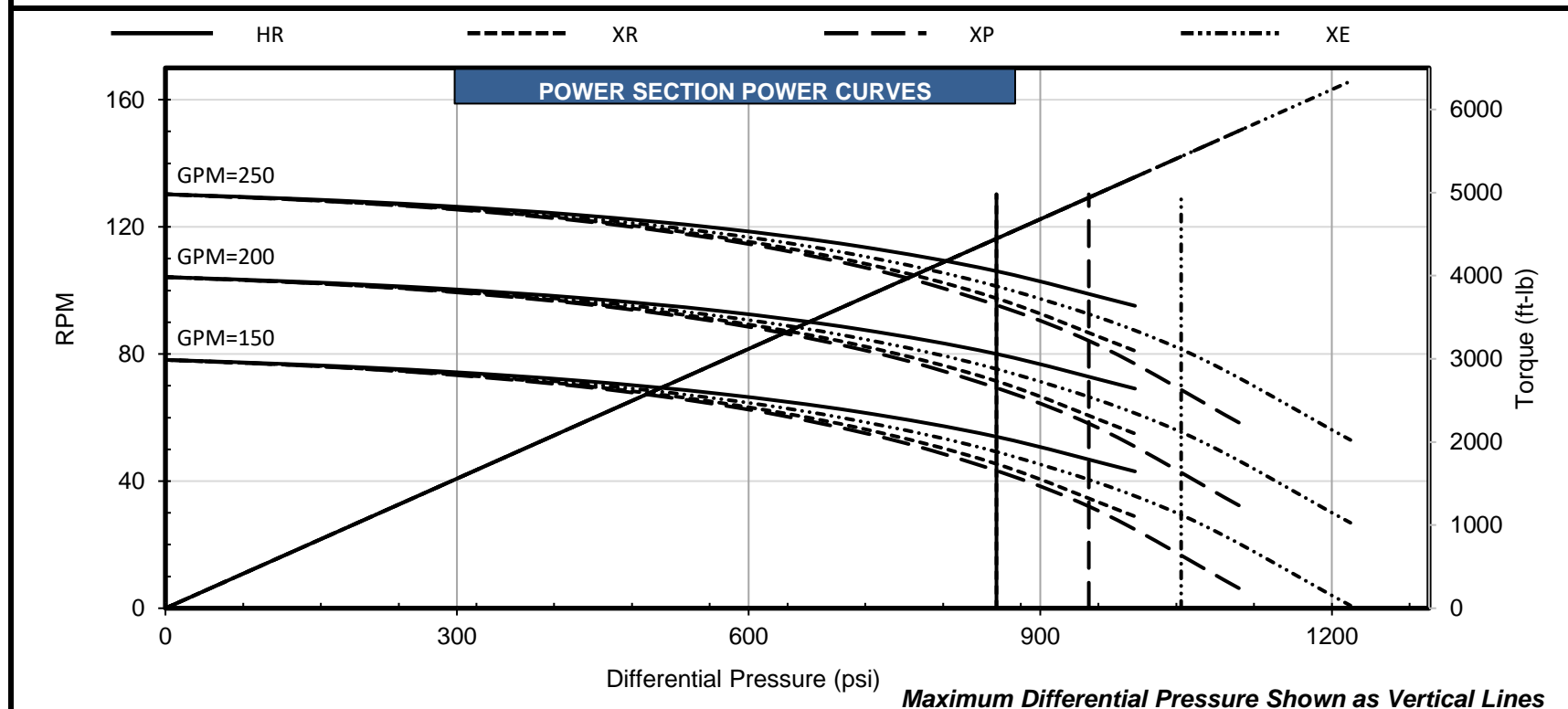
**Representative options given. Verify specific requirements before placing order.

***Customer specified

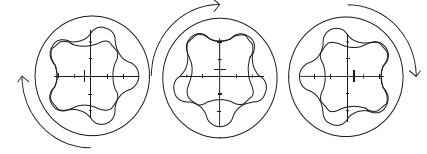
| PERFORMANCE SPECIFICATIONS | | | | | | |
|----------------------------|-----------------|---------------------------|----------|----------|----------|----------|
| | | HR | XR | XP | XE | |
| Torque Slope | 5.200 ft-lb/psi | | | | | |
| Flow Range | 150 to 250 GPM | | | | | |
| RPG | 0.521 rev/gal | | | | | |
| Speed Range | 78 to 130 RPM | | | | | |
| Off Bottom Press. | 71 psi | | | | | |
| | | Max. Diff. Press. (psi) | 860 | 860 | 950 | 1050 |
| | | Max. Torque (ft-lb) | 4450 | 4450 | 4940 | 5430 |
| | | Stall Diff. Press. (psi) | 1280 | 1280 | 1430 | 1570 |
| | | Stall Torque (ft-lb) | 6670 | 6670 | 7410 | 8150 |
| | | Max. Recommended (HP) | 90 | 83 | 79 | 84 |
| | | PSI Per Stage | 225 | 225 | 250 | 275 |
| | | PSI Per Cavity | 37 | 37 | 41 | 45 |
| | | Temperature Slope (in/°F) | 0.000220 | 0.000206 | 0.000220 | 0.000232 |



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



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 | 65.94 | | 65.94* | 65.94* |
| Standard | 66.29 | 66.55 | 66.29* | 66.29* |
| 1 Oversize | 66.65 | 66.90 | 66.65* | 66.65* |
| 2 Oversize | 67.34 | 67.34* | 67.34* | 67.34* |
| Nominal Fit at 75°F | | | | |
| 1 Undersize | 0.58 | | 0.58* | 0.58* |
| Standard | 0.23 | -0.03 | 0.23* | 0.23* |
| 1 Oversize | -0.13 | -0.38 | -0.13* | -0.13* |
| 2 Oversize | -0.81 | -0.81* | -0.81* | -0.81* |

*Pending production measurements

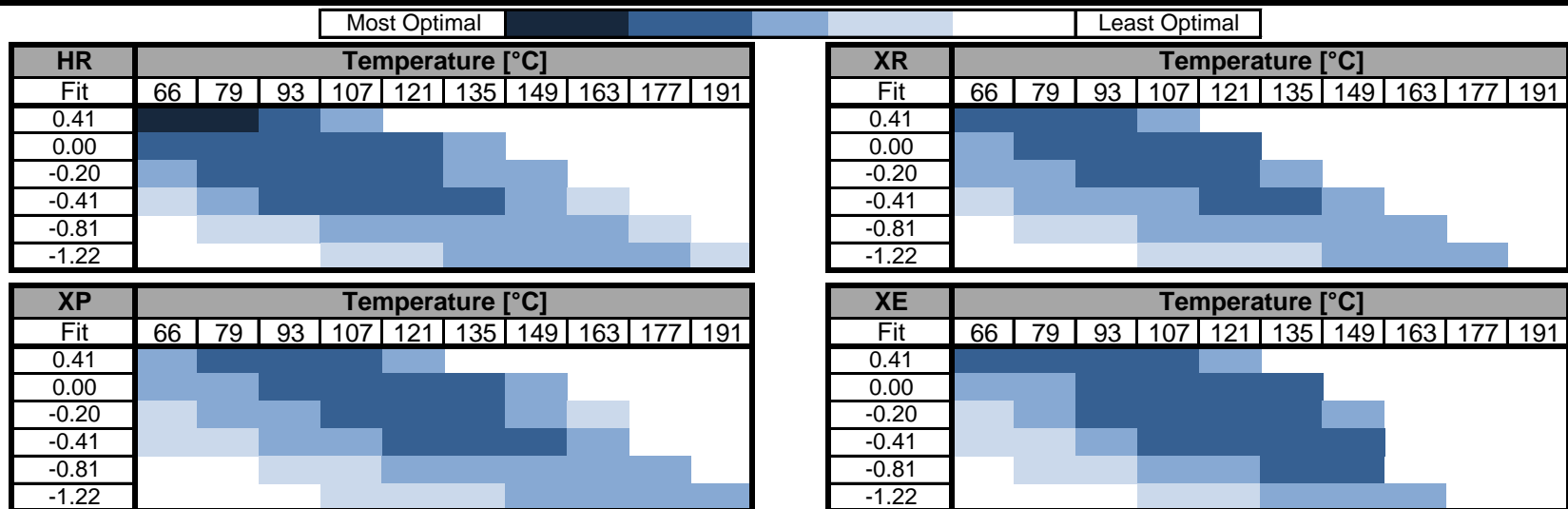
| ROTOR SPECIFICATIONS | | STATOR SPECIFICATIONS | |
|-----------------------|--------------------|-----------------------|--------|
| Overall Length** (mm) | 4521.2 | Overall Length (mm) | 4749.8 |
| Contour Length** (mm) | 4376.4 | Cutback #1** (mm) | 203.2 |
| Eccentricity (mm) | 4.14 | Cutback #2** (mm) | 203.2 |
| Major Diameter (mm) | 74.80 | Tube O.D. (mm) | 127.0 |
| Weight (kg) | 126 | Tube I.D. (mm) | 95.3 |
| Head Diameter*** (mm) | 69.85 | Weight (kg) | 220 |
| Material** | 17-4SS | | |
| Thread Form*** | 2 3/8 HEF Mod Flat | | |

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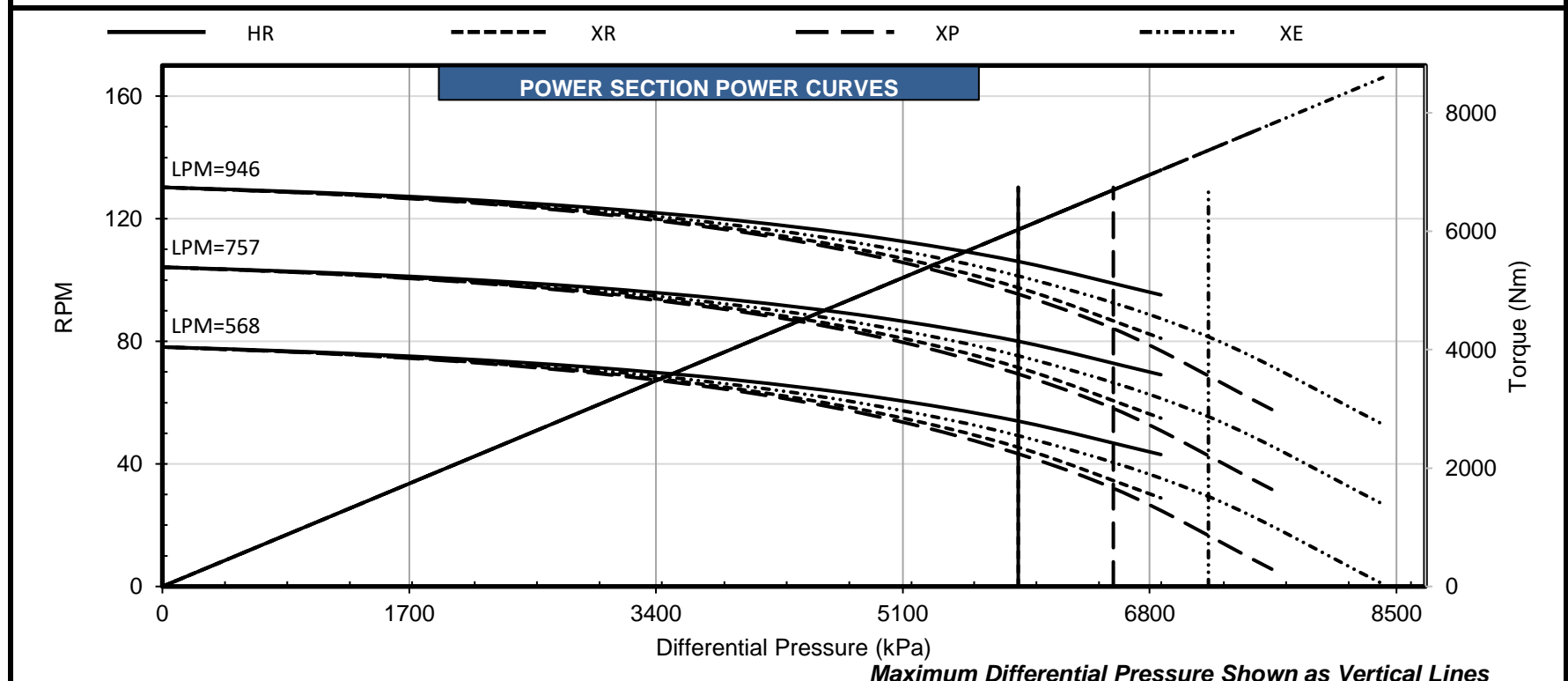
***Customer specified

| PERFORMANCE SPECIFICATIONS | | | | | | |
|----------------------------|----------------------|---------------------------|--------|--------|--------|--------|
| | | HR | XR | XP | XE | |
| Torque Slope | 1.023 Nm/kPa | | | | | |
| Flow Range | 568 to 946 Litre/min | | | | | |
| RPG | 0.138 rev/litre | | | | | |
| Speed Range | 78 to 130 RPM | | | | | |
| Off Bottom Press. | 490 kPa | | | | | |
| | | Max. Diff. Press. (kPa) | 5929 | 5929 | 6550 | 7239 |
| | | Max. Torque (Nm) | 6033 | 6033 | 6698 | 7362 |
| | | Stall Diff. Press. (kPa) | 8825 | 8825 | 9860 | 10825 |
| | | Stall Torque (Nm) | 9043 | 9043 | 10047 | 11050 |
| | | Max. Recommended (kW) | 67 | 62 | 59 | 63 |
| | | kPa Per Stage | 1551 | 1551 | 1724 | 1896 |
| | | kPa Per Cavity | 255 | 255 | 283 | 310 |
| | | Temperature Slope (mm/°C) | 0.0101 | 0.0094 | 0.0101 | 0.0106 |

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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