

## POWER SECTION

| FIT INFORMATION - MINOR DIAMETER (in) |           |    |         |         |
|---------------------------------------|-----------|----|---------|---------|
| Stator Size                           | DynaPower |    |         |         |
|                                       | HR        | XR | XP      | XE      |
| STD-1US                               |           |    |         |         |
| 1OS-STD                               | 4.039*    |    | 4.039*  | 4.039*  |
| 2OS-1OS                               |           |    |         |         |
| 3OS-2OS                               |           |    |         |         |
| Nominal Fit at 75°F                   |           |    |         |         |
| STD-1US                               |           |    |         |         |
| 1OS-STD                               | -0.002*   |    | -0.002* | -0.002* |
| 2OS-1OS                               |           |    |         |         |
| 3OS-2OS                               |           |    |         |         |

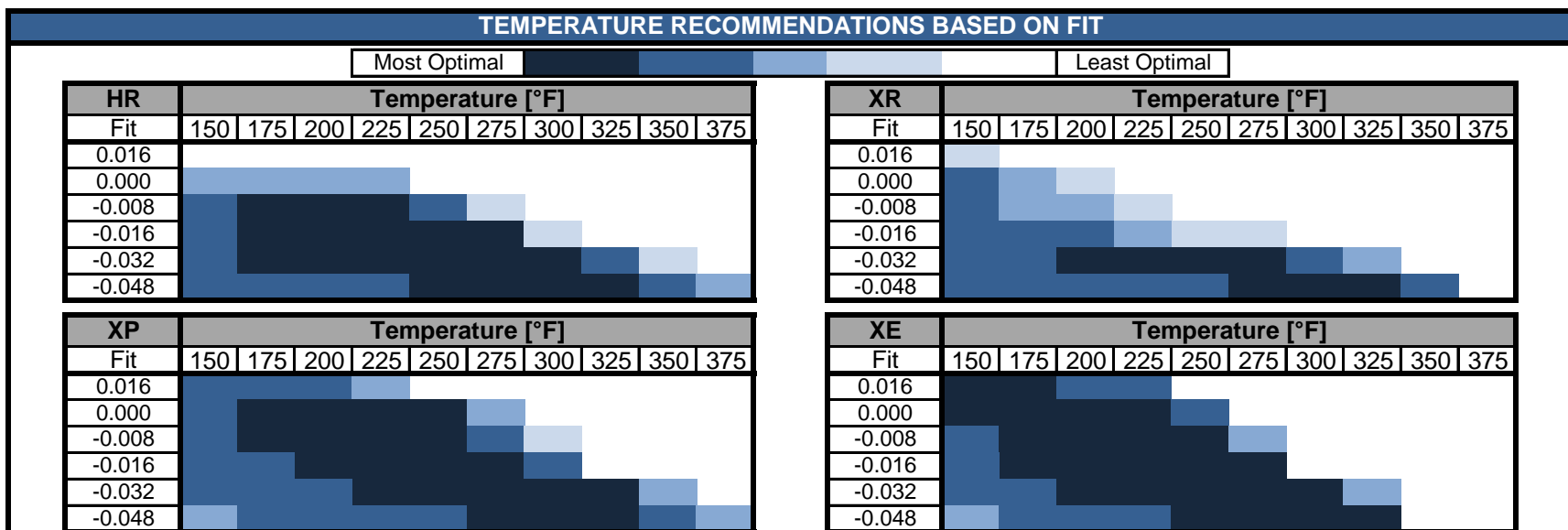
\*Pending production measurements

| 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)     | 0.250         | Cutback #2** (in)     | 15.0  |
| Major Diameter (in)   | 4.538         | Tube O.D. (in)        | 7.00  |
| Weight (lb)           | 770           | Tube I.D. (in)        | 5.50  |
| Head Diameter*** (in) | 4.50          | Weight (lb)           | 1093  |
| Material**            | 17-4SS        |                       |       |
| Thread                | 2 7/8 Hughes  |                       |       |
| Form***               | Slimline H-90 |                       |       |

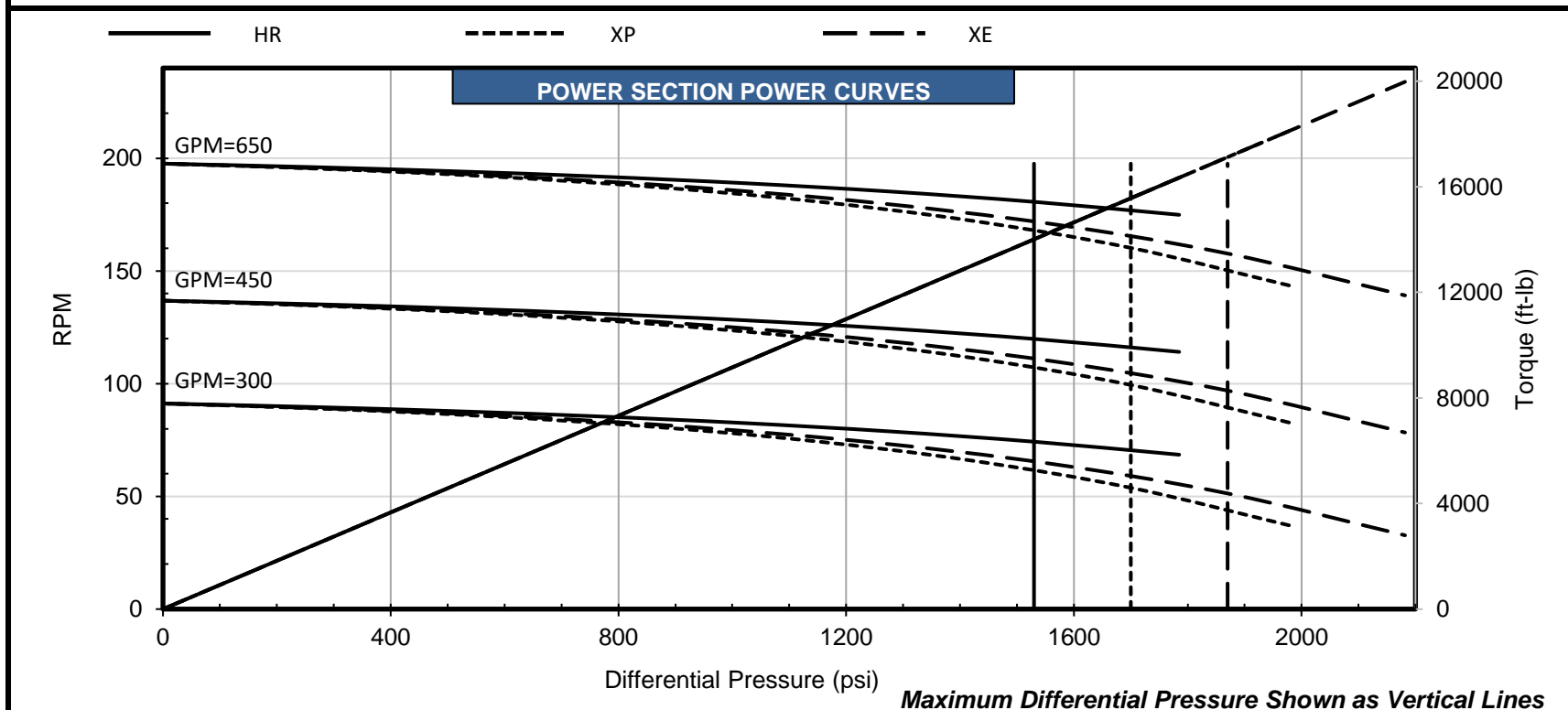
\*\*Representative options given. Verify specific requirements before placing order.

\*\*\*Customer specified

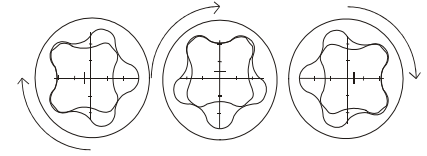
| PERFORMANCE SPECIFICATIONS |                 |                           |          |          |          |
|----------------------------|-----------------|---------------------------|----------|----------|----------|
|                            |                 | HR                        | XR       | XP       | XE       |
| Torque Slope               | 9.157 ft-lb/psi |                           |          |          |          |
| Flow Range                 | 300 to 650 GPM  |                           |          |          |          |
| RPG                        | 0.304 rev/gal   |                           |          |          |          |
| Speed Range                | 91 to 198 RPM   |                           |          |          |          |
| Off Bottom Press.          | 127 psi         |                           |          |          |          |
|                            |                 | Max. Diff. Press. (psi)   | 1530     | 1700     | 1870     |
|                            |                 | Max. Torque (ft-lb)       | 14010    | 15570    | 17120    |
|                            |                 | Stall Diff. Press. (psi)  | 2300     | 2550     | 2810     |
|                            |                 | Stall Torque (ft-lb)      | 21020    | 23350    | 25690    |
|                            |                 | Max. Recommended (HP)     | 482      | 475      | 514      |
|                            |                 | PSI Per Stage             | 225      | 250      | 275      |
|                            |                 | PSI Per Cavity            | 32       | 36       | 39       |
|                            |                 | Temperature Slope (in/°F) | 0.000256 | 0.000256 | 0.000270 |



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      |
| STD-1US                               |           |    |         |         |
| 1OS-STD                               | 102.59*   |    | 102.59* | 102.59* |
| 2OS-1OS                               |           |    |         |         |
| 3OS-2OS                               |           |    |         |         |
| Nominal Fit at 75°F                   |           |    |         |         |
| STD-1US                               |           |    |         |         |
| 1OS-STD                               | -0.05*    |    | -0.05*  | -0.05*  |
| 2OS-1OS                               |           |    |         |         |
| 3OS-2OS                               |           |    |         |         |

\*Pending production measurements

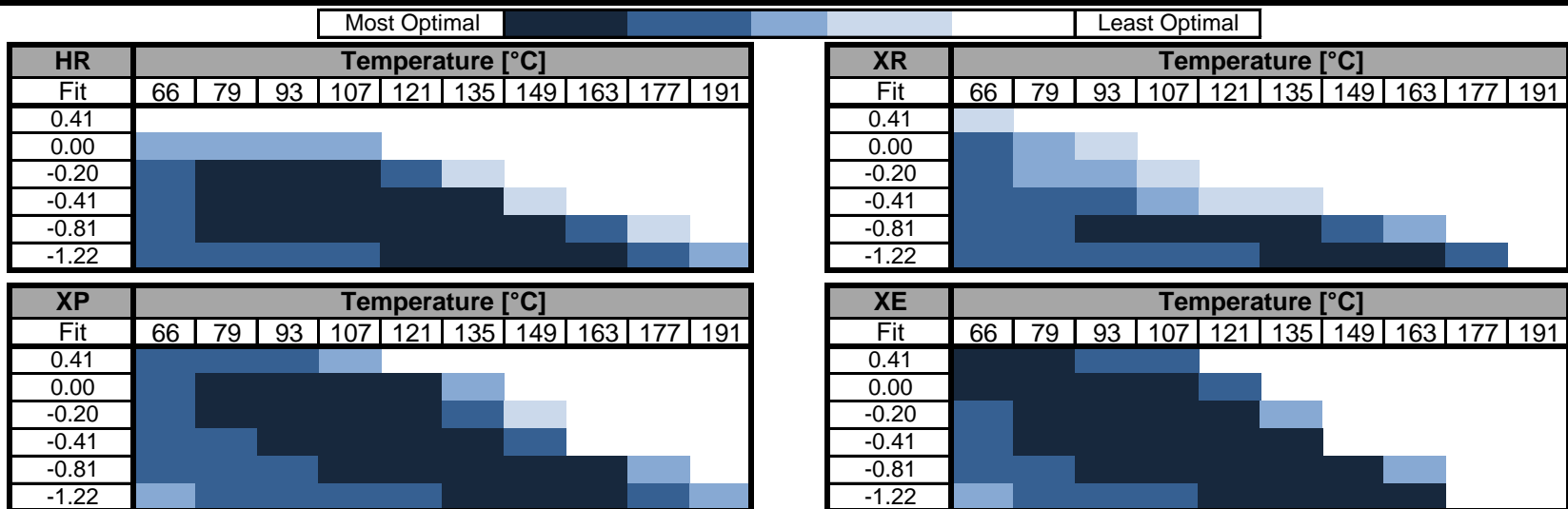
| ROTOR SPECIFICATIONS  |                            | STATOR SPECIFICATIONS |        |
|-----------------------|----------------------------|-----------------------|--------|
| Overall Length** (mm) | 5918.2                     | Overall Length (mm)   | 6248.4 |
| Contour Length** (mm) | 5740.4                     | Cutback #1** (mm)     | 177.8  |
| Eccentricity (mm)     | 6.36                       | Cutback #2** (mm)     | 381.0  |
| Major Diameter (mm)   | 115.27                     | Tube O.D. (mm)        | 177.8  |
| Weight (kg)           | 349                        | Tube I.D. (mm)        | 139.7  |
| Head Diameter*** (mm) | 114.30                     | Weight (kg)           | 496    |
| Material**            | 17-4SS                     |                       |        |
| Thread Form***        | 2 7/8 Hughes Slimline H-90 |                       |        |

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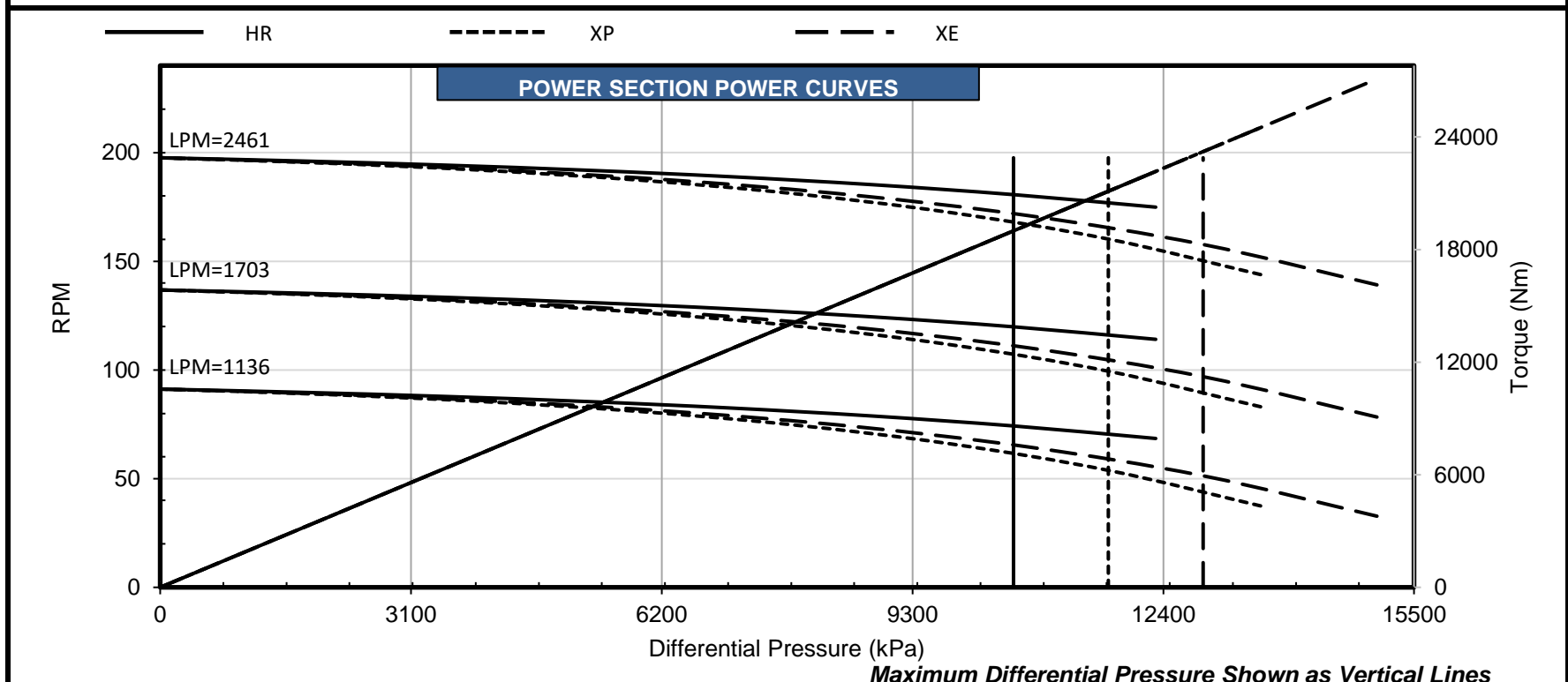
\*\*\*Customer specified

| PERFORMANCE SPECIFICATIONS |                        |                           |        |        |        |
|----------------------------|------------------------|---------------------------|--------|--------|--------|
|                            |                        | HR                        | XR     | XP     | XE     |
| Torque Slope               | 1.801 Nm/kPa           |                           |        |        |        |
| Flow Range                 | 1136 to 2461 Litre/min |                           |        |        |        |
| RPG                        | 0.080 rev/litre        |                           |        |        |        |
| Speed Range                | 91 to 198 RPM          |                           |        |        |        |
| Off Bottom Press.          | 876 kPa                |                           |        |        |        |
|                            |                        | Max. Diff. Press. (kPa)   | 10549  | 11721  | 12893  |
|                            |                        | Max. Torque (Nm)          | 18995  | 21110  | 23212  |
|                            |                        | Stall Diff. Press. (kPa)  | 15858  | 17582  | 19374  |
|                            |                        | Stall Torque (Nm)         | 28499  | 31658  | 34831  |
|                            |                        | Max. Recommended (kW)     | 359    | 354    | 384    |
|                            |                        | kPa Per Stage             | 1551   | 1724   | 1896   |
|                            |                        | kPa Per Cavity            | 221    | 248    | 269    |
|                            |                        | Temperature Slope (mm/°C) | 0.0117 | 0.0117 | 0.0124 |

### 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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