

## Power Section Specification

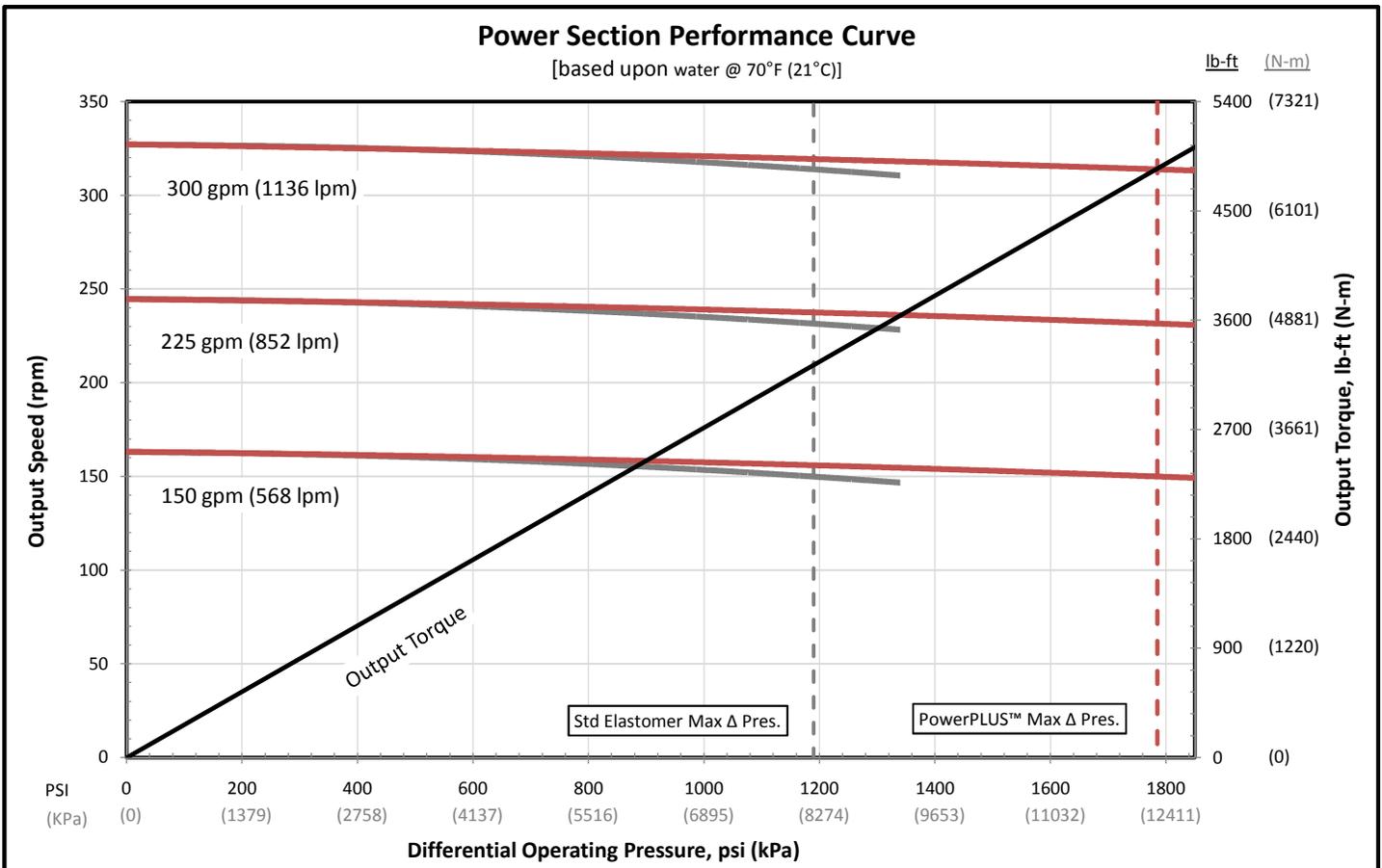
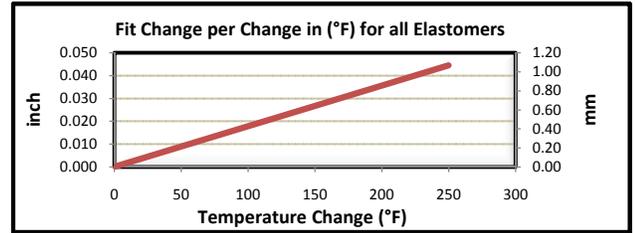
| RECOMMENDED OPERATING LIMITS |               |              |
|------------------------------|---------------|--------------|
| Flow Range                   | 150-300 gpm   | 568-1136 lpm |
| Revs per Unit Volume         | 1.09 rev/gal  | 0.29 rev/l   |
| Speed (No Load)              | 164 - 327 rpm |              |
| Zero Load Pressure           | 276 psi       | 1901 kPa     |

| PERFORMANCE OUTPUT                  |             |             |
|-------------------------------------|-------------|-------------|
| Std Elastomer Max Δ Pressure        | 1190 psi    | 8205 kPa    |
| Std Elastomer Torque @ Max Pressure | 3208 ft-lbs | 4349 Nm     |
| PowerPLUS™ Max Δ Pressure           | 1785 psi    | 12307.5 kPa |
| PowerPLUS™ Torque @ Max Pressure    | 4811 ft-lbs | 6523 Nm     |

|              | DIAMETERS  |              |          | LENGTHS   |           |             | GENERAL |                           |
|--------------|------------|--------------|----------|-----------|-----------|-------------|---------|---------------------------|
|              | Contour OD | Eccentricity | Head OD  | Overall   | Contour   | Head Length | Mass    | Std Thrd Form             |
| <b>Rotor</b> | 2.916 in   | 0.205 in     | 2.75 in  | 229.50 in | 223.50 in | 6.00 in     | 326 lbs | 2 3/8" Hughes Ext Flush * |
|              | 74.07 mm   | 5.21 mm      | 69.85 mm | 5829 mm   | 5677 mm   | 152 mm      | 148 kg  |                           |

|  | Tube OD       | Tube ID  | Alternative Tube OD | Overall | Contour   | Std Rubber Cutback | Mass    | * Alternate thread forms available |
|--|---------------|----------|---------------------|---------|-----------|--------------------|---------|------------------------------------|
|  | <b>Stator</b> | 4.750 in | 3.750 in            | n/a     | 242.63 in | 226.63 in          | 8.00 in |                                    |
|  | 120.65 mm     | 95.25 mm | n/a                 | 6163 mm | 5757 mm   | 203 mm             | 237 kg  |                                    |

|     | FIT INFORMATION for all ELASTOMERS |          |                            |          |
|-----|------------------------------------|----------|----------------------------|----------|
|     | Vector Tool™ Stator Minor Ø        |          | Nominal Fit at 70°F (21°C) |          |
|     | US                                 | n/a      | n/a                        | n/a      |
| STD | 2.504 in                           | 63.60 mm | 0.002 in                   | 0.05 mm  |
| OS  | 2.525 in                           | 64.14 mm | -0.019 in                  | -0.49 mm |
| 2OS | 2.546 in                           | 64.67 mm | -0.040 in                  | -1.02 mm |



Performance curves are for reference only. Performance data and dimensions subject to change without notice. Performance curves based upon Dyno testing at 70°F (21°C). Actual field performance may vary with field operational conditions. Operating a Power Section above maximum recommended performance will reduce life.