

Technical Specifications

| ROTOR SPECIFICATIONS | |
|----------------------|------------|
| OVERALL LENGTH | 196 in |
| CONTOUR LENGTH | 188 in |
| HEAD LENGTH* | 8.00 in |
| HEAD DIAMETER* | 4.75 in |
| MAJOR DIAMETER | 5.186 in |
| MINOR DIAMETER | 4.014 in |
| CREST-TO-VALLEY | 4.600 in |
| ECCENTRICITY | 0.293 in |
| THREAD TYPE | By Request |

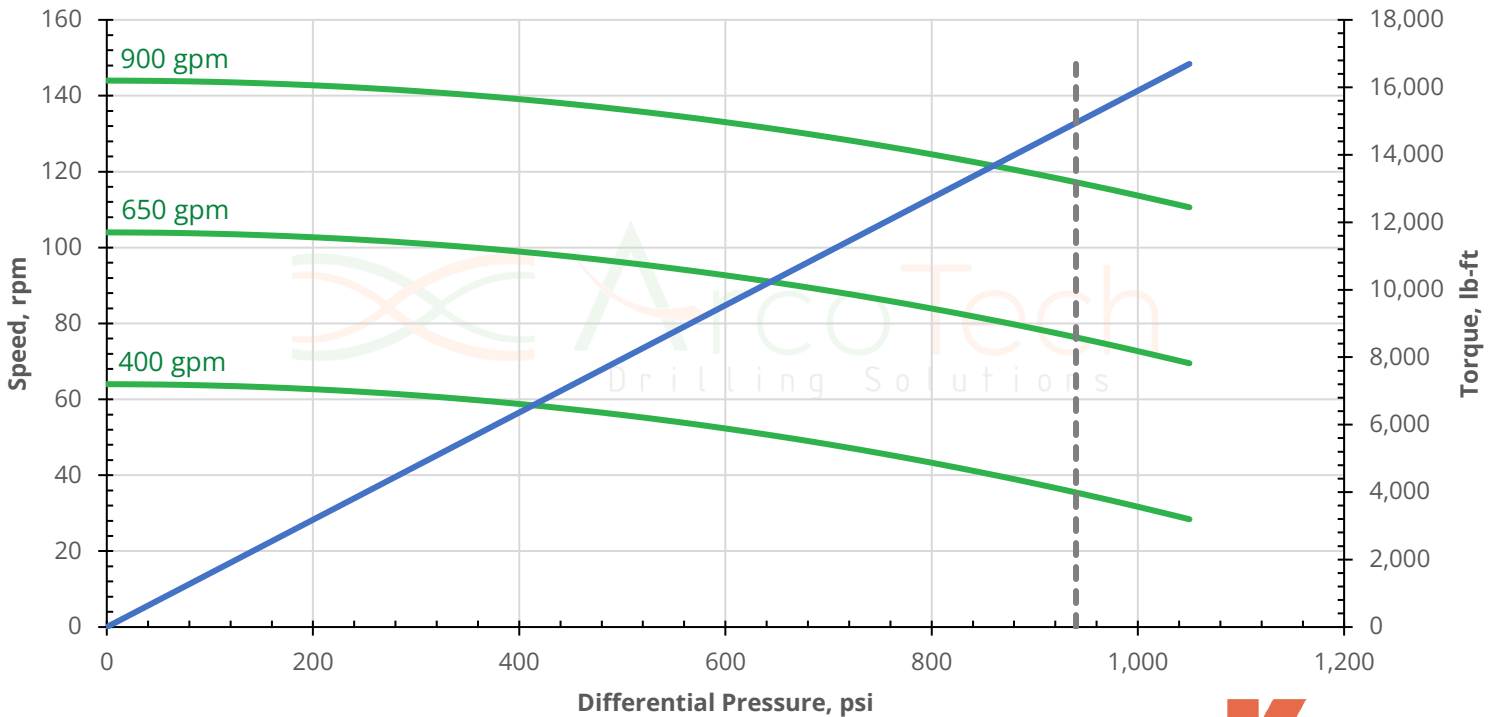
| STATOR SPECIFICATIONS | |
|-----------------------|------------|
| OVERALL LENGTH | 207 in |
| CONTOUR LENGTH | 191 in |
| TUBE OD | 8.00 in |
| TUBE ID | 6.25 in |
| CUTBACK* | 8.00 in |
| WEIGHT | 1245 lb |
| MATERIAL | 4140 |
| THREAD TYPE | By Request |

*May be changed at customer request

| PERFORMANCE | |
|------------------|------------------|
| FLOW RANGE | 400-900 gpm |
| SPEED RANGE | 64-144 rpm |
| RPG | 0.160 rev/gal |
| OFF BOTTOM PRESS | 140 psi |
| TORQUE/PSI | 15.90 ft-lbs/psi |
| VECTOR TOLERANCE | ± 0.010 in |

| STATOR MIN. DIA. (in) | NOMINAL FIT @ 70°F (in) |
|-----------------------|-------------------------|
| K5 | K5 |
| 1 X US | |
| STD 4.578 | 0.022 |
| 0.5 X OS | |
| 1 X OS | |
| 1.5 X OS | |
| 2 X OS | |

| ELASTOMER PERFORMANCE | | |
|-----------------------|-----------|---------|
| | K5 | |
| MAX DIFF PRESS | 940 | psi |
| MAX TORQUE | 14,946 | ft-lb |
| MAX HP | 334 | hp |
| STALL DIFF PRESS | 1,410 | psi |
| STALL TORQUE | 22,419 | ft-lb |
| FIT INCREASE / °F | 0.000309 | in / °F |



The performance data contained herein is for REFERENCE ONLY. Performance data and specifications for this model are generated based on shop/nominal fit between rotor and stator. ArcoTech power sections are designed to perform optimally at the temperature range recommended for each group/fit. Downhole conditions may alter the performance. Downhole performance is included as a prediction of how the stator is expected to perform in downhole conditions for any group fit.

