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6.75" 7/8 Lobe
 5.0

Dimensional Specifications

R&M and PV Replacement

| ROTOR | Overall | | Contour Length | | Eccentricity | | Major Diameter | | Rotor Head Diameter | | Weight | | Material |
|--------------|---------|----------------|----------------|------|--------------|------|----------------|--------|---------------------|--------|--------|-----|----------|
| | inch | mm | inch | mm | inch | mm | inch | mm | inch | mm | lbs | kg | |
| | 188.0 | 4775 | 181.0 | 4597 | 0.256 | 6.50 | 4.520 | 114.81 | 4.000 | 101.60 | 620 | 281 | |
| Thread Form: | | 2 7/8" API REG | | | | | | | | | | | |

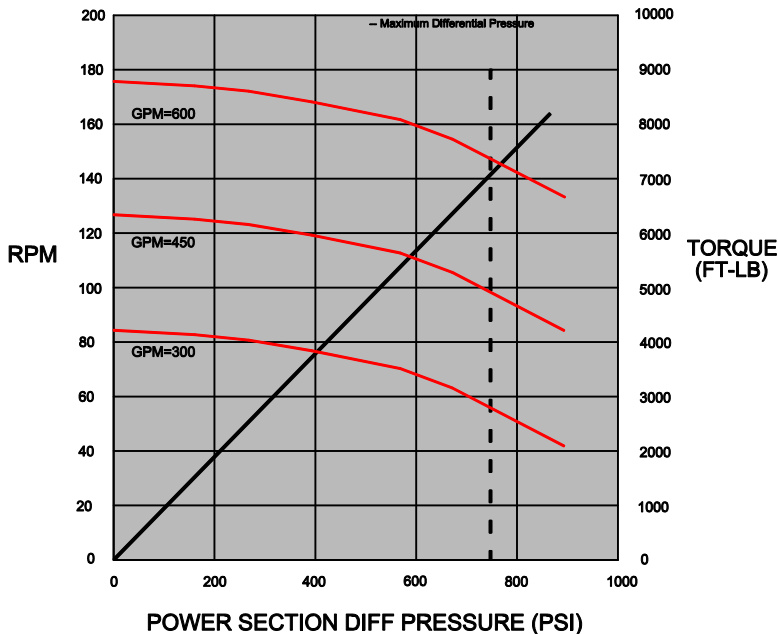
| STATOR | Overall Length | | Rubber Cut Back | | Tube OD | | Tube ID | | Minor Diameter | | | Weight | | |
|-------------------|----------------|------|-----------------|----------------------|---------|-------|---------|-----------------|----------------|-------|--------|--------|-------------------------|--|
| | inch | mm | inch | mm | inch | mm | inch | mm | Stator Size | inch | mm | lbs | kg | |
| | 194.5 | 4940 | 7.3 | 184 | 6.75 | 171.5 | 5.50 | 139.7 | Standard | 3.990 | 101.35 | 746 | 338 | |
| Material: | | | | 4142 Seamless Tubing | | | | Oversize | | 4.010 | 101.85 | | | |
| Number of Stages: | | | | 5.00 | | | | Double Oversize | | 4.037 | 102.54 | | | |
| | | | | | | | | | | | | | NBR-1A or HSN-38 Rubber | |

Operational Specifications

| Torque Slope | | Recommended Max Differential Pressure | | Max Operating Torque | | Stall Differential Pressure | | Stall Torque | | 75° F (25° C) Nominal Comp Fit | | Max Recommended Power | | | |
|--------------|---------|---------------------------------------|------|-----------------------------|------|-----------------------------|------|--------------|-------|--------------------------------|------|-----------------------|--------|--|--|
| ft-lb/PSI | N.M/Kpa | PSI | Kpa | ft-lb | N.M. | PSI | Kpa | ft-lb | N.M. | inch | mm | HP | KW | | |
| 9.300 | 1.829 | 750 | 5170 | 6980 | 9460 | 1130 | 7790 | 10510 | 14250 | 0.018 | 0.46 | 229 | 171 | | |
| Flow Range: | | | | 300 to 600 G.P.M. | | | | | | Oversize | | | | | |
| Rotation: | | | | 0.288 Rev/Gal 0.076 Rev/Lit | | | | | | OS | | -0.002 | -0.051 | | |
| Speed Range: | | | | 80 to 180 RPM | | | | | | Dbl OS | | -0.029 | -0.740 | | |

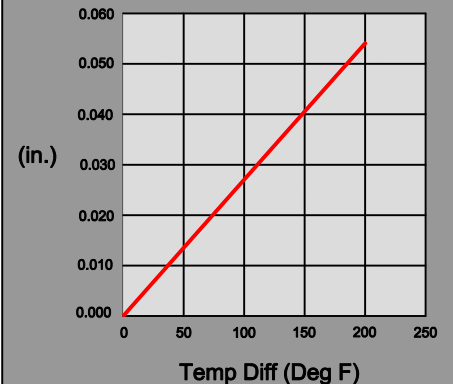


Performance Curves



Operating a power section above the maximum recommended differential pressure will reduce stator life.

Increase in Compression Fit



Temperature increases the rotor/stator compression fit, increases the stall torque, and reduces stator life.

Performance Curves are for reference only. Actual power section performance may vary depending on the down hole temperature and rotor/stator fit. Performance data are subject to change without notice. Power calculation is based on maximum RPM and full torque. Copyright 2003 All rights reserved.