

## 2-1/8" HIGH FLOW / HIGH TORQUE

SPECIFICATIONS		
Operating Flow Rate	60 - 120 GPM	227 - 454 LPM
Developed Power	42.1 Hp	31.4 Kw
Maximum Developed Torque	500 Ft-Lbs	678 N-m
Rotor Eccentricity	0.134 in	3.40 mm
Speed @ No Load	360 - 720 RPM	360 - 720 RPM
Revs Per Volume @ No Load	6.00 Rev/Gal	1.58 Rev/L
Differential Pressure @ No Load	150 PSI	1.0 MPa
Speed @ Full Load	324 - 647 RPM	324 - 647 RPM
Revs Per Volume @ Full Load	5.39 Rev/Gal	1.42 Rev/L
Differential Pressure @ Full Load	750 PSI	5.2 MPa

ROTOR DIMENSIONS		
Overall Rotor Length	86.0 in	2,184 mm
Rotor Head Length	5.00 in	127.0 mm
Rotor Head Diameter	1.50 in	38.1 mm
Rotor Peak to Valley (std.)	1.054 in	26.77 mm
Rotor Weight	23 Lbs	10.5 Kg
STATOR DIMENSIONS		
Overall Stator Length	90.0 in	2,286 mm
Stator Outside Diameter	2.13 in	54.0 mm
Stator Inside Diameter	1.75 in	44.5 mm
Elastomer Cutback Length	5.0 in	127 mm
Stator Weight	32 Lbs	14.5 Kg
ROTOR / STATOR FIT +/- 0.005 in [.13 mm]		
Standard Fit @ 72°F (22°C)	0.000 in	0.00 mm
1X Oversize @ 72°F (22°C)		
2X Oversize @ 72°F (22°C)		
3X Oversize @ 72°F (22°C)		

**Lobes 3:4**  
**Stages 3.0**

