

## 4-3/4" MEDIUM SPEED

SPECIFICATIONS		
Operating Flow Rate	100 - 250 GPM	379 - 946 LPM
Developed Power	79.0 Hp	58.9 Kw
Maximum Developed Torque	1,980 Ft-Lbs	2,685 N-m
Rotor Eccentricity	0.193 in	4.90 mm
Speed @ No Load	136 - 341 RPM	136 - 341 RPM
Revs Per Volume @ No Load	1.36 Rev/Gal	0.36 Rev/L
Differential Pressure @ No Load	150 PSI	1.0 MPa
Speed @ Full Load	122 - 307 RPM	122 - 307 RPM
Revs Per Volume @ Full Load	1.23 Rev/Gal	0.32 Rev/L
Differential Pressure @ Full Load	750 PSI	5.2 MPa

ROTOR DIMENSIONS		
Overall Rotor Length	75.0 in	1,905 mm
Rotor Head Length	6.00 in	152.4 mm
Rotor Head Diameter	3.00 in	76.2 mm
Rotor Peak to Valley (std.)	2.720 in	69.09 mm
Rotor Weight	129 Lbs	58.6 Kg
STATOR DIMENSIONS		
Overall Stator Length	83.0 in	2,108 mm
Stator Outside Diameter	4.75 in	120.7 mm
Stator Inside Diameter	3.75 in	95.3 mm
Elastomer Cutback Length	5.0 in	127 mm
Stator Weight	168 Lbs	76.0 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 5:6**  
**Stages 3.0**

