

3-1/8" MEDIUM SPEED / HIGH TORQUE

SPECIFICATIONS		
Operating Flow Rate	100 - 210 GPM	379 - 795 LPM
Developed Power	90.8 Hp	67.7 Kw
Maximum Developed Torque	1,650 Ft-Lbs	2,237 N-m
Rotor Eccentricity	0.156 in	3.96 mm
Speed @ No Load	224 - 470 RPM	224 - 470 RPM
Revs Per Volume @ No Load	2.24 Rev/Gal	0.59 Rev/L
Differential Pressure @ No Load	175 PSI	1.2 MPa
Speed @ Full Load	201 - 423 RPM	201 - 423 RPM
Revs Per Volume @ Full Load	2.01 Rev/Gal	0.53 Rev/L
Differential Pressure @ Full Load	875 PSI	6.0 MPa

ROTOR DIMENSIONS		
Overall Rotor Length	86.0 in	2,184 mm
Rotor Head Length	5.00 in	127.0 mm
Rotor Head Diameter	2.00 in	50.8 mm
Rotor Peak to Valley (std.)	1.863 in	47.32 mm
Rotor Weight	70 Lbs	31.7 Kg

STATOR DIMENSIONS		
Overall Stator Length	90.0 in	2,286 mm
Stator Outside Diameter	3.13 in	79.4 mm
Stator Inside Diameter	2.63 in	66.7 mm
Elastomer Cutback Length	5.0 in	127 mm
Stator Weight	63 Lbs	28.6 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)	0.010 in	0.25 mm
2X Oversize @ 72°F (22°C)	0.020 in	0.51 mm
3X Oversize @ 72°F (22°C)	0.030 in	0.76 mm

Lobes 5:6
Stages 3.5

