

1-11/16" MEDIUM SPEED / HIGH TORQUE

SPECIFICATIONS		
Operating Flow Rate	25 - 55 GPM	95 - 208 LPM
Developed Power	32.7 Hp	24.4 Kw
Maximum Developed Torque	325 Ft-Lbs	441 N-m
Rotor Eccentricity	0.069 in	1.75 mm
Speed @ No Load	391 - 860 RPM	391 - 860 RPM
Revs Per Volume @ No Load	15.64 Rev/Gal	4.13 Rev/L
Differential Pressure @ No Load	250 PSI	1.7 MPa
Speed @ Full Load	352 - 773 RPM	352 - 773 RPM
Revs Per Volume @ Full Load	14.05 Rev/Gal	3.71 Rev/L
Differential Pressure @ Full Load	1,250 PSI	8.6 MPa

ROTOR DIMENSIONS		
Overall Rotor Length	92.0 in	2,337 mm
Rotor Head Length	4.00 in	101.6 mm
Rotor Head Diameter	1.00 in	25.4 mm
Rotor Peak to Valley (std.)	0.852 in	21.64 mm
Rotor Weight	16 Lbs	7.1 Kg

STATOR DIMENSIONS		
Overall Stator Length	99.0 in	2,515 mm
Stator Outside Diameter	1.69 in	42.9 mm
Stator Inside Diameter	1.38 in	34.9 mm
Elastomer Cutback Length	4.5 in	114 mm
Stator Weight	23 Lbs	10.2 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 5.0

