

1-11/16" MEDIUM SPEED / HIGH TORQUE / REDUCED LENGTH

SPECIFICATIONS		
Operating Flow Rate	25 - 55 GPM	95 - 208 LPM
Developed Power	37.7 Hp	28.1 Kw
Maximum Developed Torque	375 Ft-Lbs	508 N-m
Rotor Eccentricity	0.059 in	1.50 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	200 PSI	1.4 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	1,000 PSI	6.9 MPa

ROTOR DIMENSIONS		
Overall Rotor Length	53.0 in	1,346 mm
Rotor Head Length	4.00 in	101.6 mm
Rotor Head Diameter	1.00 in	25.4 mm
Rotor Peak to Valley (std.)	1.023 in	25.98 mm
Rotor Weight	13 Lbs	5.8 Kg
STATOR DIMENSIONS		
Overall Stator Length	60.0 in	1,524 mm
Stator Outside Diameter	1.69 in	42.9 mm
Stator Inside Diameter	1.38 in	34.9 mm
Elastomer Cutback Length	4.5 / 10.0 in	114 / 254
Stator Weight	14 Lbs	6.2 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)		
3X Oversize @ 72°F (22°C)		

Lobes 7:8
Stages 4.0

