

1-11/16" MEDIUM SPEED / HIGH FLOW

SPECIFICATIONS		
Operating Flow Rate	18 - 45 GPM	68 - 170 LPM
Developed Power	14.5 Hp	10.8 Kw
Maximum Developed Torque	165 Ft-Lbs	224 N-m
Rotor Eccentricity	0.069 in	1.75 mm
Speed @ No Load	300 - 750 RPM	300 - 750 RPM
Revs Per Volume @ No Load	16.67 Rev/Gal	4.41 Rev/L
Differential Pressure @ No Load	125 PSI	0.9 MPa
Speed @ Full Load	270 - 675 RPM	270 - 675 RPM
Revs Per Volume @ Full Load	14.99 Rev/Gal	3.96 Rev/L
Differential Pressure @ Full Load	625 PSI	4.3 MPa

ROTOR DIMENSIONS		
Overall Rotor Length	37.0 in	940 mm
Rotor Head Length	4.50 in	114.3 mm
Rotor Head Diameter	1.12 in	28.4 mm
Rotor Peak to Valley (std.)	0.980 in	24.89 mm
Rotor Weight	8 Lbs	3.8 Kg
STATOR DIMENSIONS		
Overall Stator Length	40.0 in	1,016 mm
Stator Outside Diameter	1.69 in	42.9 mm
Stator Inside Diameter	1.38 in	34.9 mm
Elastomer Cutback Length	5.5 in	140 mm
Stator Weight	9 Lbs	4.2 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)		
2X Oversize @ 72°F (22°C)	0.020 in	0.51 mm
3X Oversize @ 72°F (22°C)		

Lobes 5:6
Stages 2.5

