

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

SPECIFICATIONS		
Operating Flow Rate	15 - 45 GPM	57 - 170 LPM
Developed Power	23.7 Hp	17.7 Kw
Maximum Developed Torque	375 Ft-Lbs	508 N-m
Rotor Eccentricity	0.059 in	1.50 mm
Speed @ No Load	180 - 540 RPM	180 - 540 RPM
Revs Per Volume @ No Load	12.00 Rev/Gal	3.17 Rev/L
Differential Pressure @ No Load	175 PSI	1.2 MPa
Speed @ Full Load	162 - 485 RPM	162 - 485 RPM
Revs Per Volume @ Full Load	10.79 Rev/Gal	2.85 Rev/L
Differential Pressure @ Full Load	875 PSI	6.0 MPa

ROTOR DIMENSIONS		
Overall Rotor Length	54.0 in	1,372 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	5.9 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 / 7.5 in	114 / 191
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 3.5**

