

2-7/8" MEDIUM SPEED

SPECIFICATIONS		
Operating Flow Rate	50 - 125 GPM	189 - 473 LPM
Developed Power	42.2 Hp	31.4 Kw
Maximum Developed Torque	850 Ft-Lbs	1,152 N-m
Rotor Eccentricity	0.118 in	3.00 mm
Speed @ No Load	169 - 424 RPM	169 - 424 RPM
Revs Per Volume @ No Load	3.39 Rev/Gal	0.90 Rev/L
Differential Pressure @ No Load	175 PSI	1.2 MPa
Speed @ Full Load	152 - 381 RPM	152 - 381 RPM
Revs Per Volume @ Full Load	3.05 Rev/Gal	0.81 Rev/L
Differential Pressure @ Full Load	875 PSI	6.0 MPa

ROTOR DIMENSIONS		
Overall Rotor Length	93.0 in	2,362 mm
Rotor Head Length	5.00 in	127.0 mm
Rotor Head Diameter	1.75 in	44.5 mm
Rotor Peak to Valley (std.)	1.425 in	36.20 mm
Rotor Weight	44 Lbs	20.1 Kg
STATOR DIMENSIONS		
Overall Stator Length	99.0 in	2,515 mm
Stator Outside Diameter	2.87 in	73.0 mm
Stator Inside Diameter	2.38 in	60.3 mm
Elastomer Cutback Length	4.5 in	114 mm
Stator Weight	62 Lbs	28.0 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

