

2-7/8" MEDIUM SPEED / HIGH TORQUE

SPECIFICATIONS		
Operating Flow Rate	50 - 125 GPM	189 - 473 LPM
Developed Power	68.3 Hp	50.9 Kw
Maximum Developed Torque	1,200 Ft-Lbs	1,627 N-m
Rotor Eccentricity	0.125 in	3.18 mm
Speed @ No Load	195 - 486 RPM	195 - 486 RPM
Revs Per Volume @ No Load	3.89 Rev/Gal	1.03 Rev/L
Differential Pressure @ No Load	200 PSI	1.4 MPa
Speed @ Full Load	175 - 437 RPM	175 - 437 RPM
Revs Per Volume @ Full Load	3.50 Rev/Gal	0.92 Rev/L
Differential Pressure @ Full Load	1,000 PSI	6.9 MPa

ROTOR DIMENSIONS		
Overall Rotor Length	81.0 in	2,057 mm
Rotor Head Length	5.00 in	127.0 mm
Rotor Head Diameter	1.62 in	41.1 mm
Rotor Peak to Valley (std.)	1.489 in	37.82 mm
Rotor Weight	42 Lbs	19.1 Kg
STATOR DIMENSIONS		
Overall Stator Length	96.0 in	2,438 mm
Stator Outside Diameter	2.87 in	73.0 mm
Stator Inside Diameter	2.38 in	60.3 mm
Elastomer Cutback Length	4.5 / 16.0 in	114 / 406
Stator Weight	60 Lbs	27.3 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 4.0

