

2-1/8" MEDIUM SPEED / HIGH TORQUE

SPECIFICATIONS		
Operating Flow Rate	25 - 65 GPM	95 - 246 LPM
Developed Power	27.0 Hp	20.2 Kw
Maximum Developed Torque	385 Ft-Lbs	522 N-m
Rotor Eccentricity	0.084 in	2.13 mm
Speed @ No Load	231 - 600 RPM	231 - 600 RPM
Revs Per Volume @ No Load	9.23 Rev/Gal	2.44 Rev/L
Differential Pressure @ No Load	200 PSI	1.4 MPa
Speed @ Full Load	207 - 540 RPM	207 - 540 RPM
Revs Per Volume @ Full Load	8.30 Rev/Gal	2.19 Rev/L
Differential Pressure @ Full Load	1,000 PSI	6.9 MPa

ROTOR DIMENSIONS		
Overall Rotor Length	67.0 in	1,702 mm
Rotor Head Length	5.00 in	127.0 mm
Rotor Head Diameter	1.25 in	31.8 mm
Rotor Peak to Valley (std.)	1.208 in	30.68 mm
Rotor Weight	22 Lbs	9.9 Kg
STATOR DIMENSIONS		
Overall Stator Length	70.0 in	1,778 mm
Stator Outside Diameter	2.12 in	53.8 mm
Stator Inside Diameter	1.75 in	44.5 mm
Elastomer Cutback Length	4.5 / 7.5 in	114 / 191 mm
Stator Weight	24 Lbs	10.9 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 5:6
Stages 4.0



RECOMMENDED ROTOR / STATOR FIT

