

2-7/8" MEDIUM SPEED / HIGH FLOW

SPECIFICATIONS		
Operating Flow Rate	70 - 210 GPM	265 - 795 LPM
Developed Power	75.1 Hp	56.0 Kw
Maximum Developed Torque	1,035 Ft-Lbs	1,403 N-m
Rotor Eccentricity	0.156 in	3.96 mm
Speed @ No Load	207 - 620 RPM	207 - 620 RPM
Revs Per Volume @ No Load	2.95 Rev/Gal	0.78 Rev/L
Differential Pressure @ No Load	200 PSI	1.4 MPa
Speed @ Full Load	186 - 557 RPM	186 - 557 RPM
Revs Per Volume @ Full Load	2.65 Rev/Gal	0.70 Rev/L
Differential Pressure @ Full Load	1,000 PSI	6.9 MPa

ROTOR DIMENSIONS		
Overall Rotor Length	104.0 in	2,642 mm
Rotor Head Length	4.00 in	101.6 mm
Rotor Head Diameter	1.88 in	47.8 mm
Rotor Peak to Valley (std.)	1.531 in	38.89 mm
Rotor Weight	58 Lbs	26.3 Kg
STATOR DIMENSIONS		
Overall Stator Length	106.0 in	2,692 mm
Stator Outside Diameter	2.87 in	73.0 mm
Stator Inside Diameter	2.38 in	60.3 mm
Elastomer Cutback Length	4.0 / 6.0 in	102 / 152 mm
Stator Weight	67 Lbs	30.6 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 4:5
Stages 4.0



RECOMMENDED ROTOR / STATOR FIT

