

3-1/8" MEDIUM SPEED / HIGH FLOW

SPECIFICATIONS		
Operating Flow Rate	110 - 210 GPM	416 - 795 LPM
Developed Power	70.8 Hp	52.8 Kw
Maximum Developed Torque	1,600 Ft-Lbs	2,169 N-m
Rotor Eccentricity	0.123 in	3.12 mm
Speed @ No Load	198 - 378 RPM	198 - 378 RPM
Revs Per Volume @ No Load	1.80 Rev/Gal	0.48 Rev/L
Differential Pressure @ No Load	120 PSI	0.8 MPa
Speed @ Full Load	178 - 340 RPM	178 - 340 RPM
Revs Per Volume @ Full Load	1.62 Rev/Gal	0.43 Rev/L
Differential Pressure @ Full Load	600 PSI	4.1 MPa

ROTOR DIMENSIONS		
Overall Rotor Length	63.0 in	1,600 mm
Rotor Head Length	4.00 in	101.6 mm
Rotor Head Diameter	2.13 in	54.0 mm
Rotor Peak to Valley (std.)	1.909 in	48.49 mm
Rotor Weight	53 Lbs	24.1 Kg
STATOR DIMENSIONS		
Overall Stator Length	72.0 in	1,829 mm
Stator Outside Diameter	3.13 in	79.4 mm
Stator Inside Diameter	2.63 in	66.7 mm
Elastomer Cutback Length	5.0 in	127 mm
Stator Weight	50 Lbs	22.6 Kg
ROTOR / STATOR FIT +/- 0.005 in [.13 mm]		
Standard Fit @ 72°F (22°C)		
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 7:8
Stages 2.4

