

3-1/2" MEDIUM SPEED / HIGH FLOW

SPECIFICATIONS		
Operating Flow Rate	150 - 330 GPM	568 - 1,249 LPM
Developed Power	93.2 Hp	69.5 Kw
Maximum Developed Torque	1,900 Ft-Lbs	2,576 N-m
Rotor Eccentricity	0.174 in	4.42 mm
Speed @ No Load	191 - 419 RPM	191 - 419 RPM
Revs Per Volume @ No Load	1.27 Rev/Gal	0.34 Rev/L
Differential Pressure @ No Load	110 PSI	0.8 MPa
Speed @ Full Load	172 - 377 RPM	172 - 377 RPM
Revs Per Volume @ Full Load	1.14 Rev/Gal	0.30 Rev/L
Differential Pressure @ Full Load	550 PSI	3.8 MPa

ROTOR DIMENSIONS		
Overall Rotor Length	98.0 in	2,489 mm
Rotor Head Length	6.00 in	152.4 mm
Rotor Head Diameter	2.13 in	54.0 mm
Rotor Peak to Valley (std.)	1.877 in	47.68 mm
Rotor Weight	82 Lbs	37.0 Kg
STATOR DIMENSIONS		
Overall Stator Length	106.0 in	2,692 mm
Stator Outside Diameter	3.50 in	88.9 mm
Stator Inside Diameter	2.75 in	69.9 mm
Elastomer Cutback Length	5.0 / 10.0 in	127 / 254
Stator Weight	119 Lbs	53.9 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)	0.020 in	0.51 mm
3X Oversize @ 72°F (22°C)		

Lobes 4:5
Stages 2.2

