

3-3/4" MEDIUM SPEED

SPECIFICATIONS		
Operating Flow Rate	80 - 210 GPM	303 - 795 LPM
Developed Power	48.8 Hp	36.4 Kw
Maximum Developed Torque	1,340 Ft-Lbs	1,817 N-m
Rotor Eccentricity	0.177 in	4.50 mm
Speed @ No Load	118 - 311 RPM	118 - 311 RPM
Revs Per Volume @ No Load	1.48 Rev/Gal	0.39 Rev/L
Differential Pressure @ No Load	150 PSI	1.0 MPa
Speed @ Full Load	106 - 280 RPM	106 - 280 RPM
Revs Per Volume @ Full Load	1.33 Rev/Gal	0.35 Rev/L
Differential Pressure @ Full Load	750 PSI	5.2 MPa

ROTOR DIMENSIONS		
Overall Rotor Length	79.0 in	2,007 mm
Rotor Head Length	5.00 in	127.0 mm
Rotor Head Diameter	2.50 in	63.5 mm
Rotor Weight	84 Lbs	38.0 Kg
STATOR DIMENSIONS		
Overall Stator Length	82.0 in	2,083 mm
Stator Outside Diameter	3.75 in	95.3 mm
Stator Inside Diameter	3.00 in	76.2 mm
Elastomer Cutback Length	5.0 in	127 mm
Stator Weight	100 Lbs	45.2 Kg
ROTOR / STATOR FIT		
Standard Fit @ 72°F (22°C)		
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 3.0

