

3-1/8" MEDIUM SPEED

SPECIFICATIONS		
Operating Flow Rate	80 - 170 GPM	303 - 644 LPM
Developed Power	57.6 Hp	43.0 Kw
Maximum Developed Torque	1,610 Ft-Lbs	2,183 N-m
Rotor Eccentricity	0.109 in	2.77 mm
Speed @ No Load	144 - 306 RPM	144 - 306 RPM
Revs Per Volume @ No Load	1.80 Rev/Gal	0.48 Rev/L
Differential Pressure @ No Load	150 PSI	1.0 MPa
Speed @ Full Load	129 - 275 RPM	129 - 275 RPM
Revs Per Volume @ Full Load	1.62 Rev/Gal	0.43 Rev/L
Differential Pressure @ Full Load	750 PSI	5.2 MPa

ROTOR DIMENSIONS		
Overall Rotor Length	102.0 in	2,591 mm
Rotor Head Length	5.00 in	127.0 mm
Rotor Head Diameter	1.75 in	44.5 mm
Rotor Weight	73 Lbs	33.0 Kg
STATOR DIMENSIONS		
Overall Stator Length	106.0 in	2,692 mm
Stator Outside Diameter	3.13 in	79.4 mm
Stator Inside Diameter	2.63 in	66.7 mm
Elastomer Cutback Length	5.5 in	140 mm
Stator Weight	73 Lbs	32.9 Kg
ROTOR / STATOR FIT		
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)	0.030 in	0.76 mm

Lobes 7:8
Stages 3.0

