

3-1/8" SLOW SPEED / HIGH TORQUE

SPECIFICATIONS		
Operating Flow Rate	125 - 210 GPM	473 - 795 LPM
Developed Power	76.3 Hp	56.9 Kw
Maximum Developed Torque	2,300 Ft-Lbs	3,118 N-m
Rotor Eccentricity	0.156 in	3.96 mm
Speed @ No Load	169 - 284 RPM	169 - 284 RPM
Revs Per Volume @ No Load	1.35 Rev/Gal	0.36 Rev/L
Differential Pressure @ No Load	110 PSI	0.8 MPa
Speed @ Full Load	152 - 255 RPM	152 - 255 RPM
Revs Per Volume @ Full Load	1.21 Rev/Gal	0.32 Rev/L
Differential Pressure @ Full Load	550 PSI	3.8 MPa

ROTOR DIMENSIONS		
Overall Rotor Length	96.0 in	2,438 mm
Rotor Head Length	5.00 in	127.0 mm
Rotor Head Diameter	2.00 in	50.8 mm
Rotor Peak to Valley (std.)	1.863 in	47.32 mm
Rotor Weight	78 Lbs	35.4 Kg
STATOR DIMENSIONS		
Overall Stator Length	104.0 in	2,642 mm
Stator Outside Diameter	3.13 in	79.4 mm
Stator Inside Diameter	2.63 in	66.7 mm
Elastomer Cutback Length	5.0 / 10.0 in	127 / 254
Stator Weight	73 Lbs	33.1 Kg
ROTOR / STATOR FIT +/- 0.005 in [.13 mm]		
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 2.2

