

3-1/2" SLOW SPEED / HIGH TORQUE / HIGH FLOW

SPECIFICATIONS		
Operating Flow Rate	125 - 250 GPM	473 - 946 LPM
Developed Power	82.0 Hp	61.2 Kw
Maximum Developed Torque	2,500 Ft-Lbs	3,390 N-m
Rotor Eccentricity	0.128 in	3.25 mm
Speed @ No Load	140 - 280 RPM	140 - 280 RPM
Revs Per Volume @ No Load	1.12 Rev/Gal	0.30 Rev/L
Differential Pressure @ No Load	150 PSI	1.0 MPa
Speed @ Full Load	126 - 252 RPM	126 - 252 RPM
Revs Per Volume @ Full Load	1.01 Rev/Gal	0.27 Rev/L
Differential Pressure @ Full Load	750 PSI	5.2 MPa

ROTOR DIMENSIONS		
Overall Rotor Length	106.0 in	2,692 mm
Rotor Head Length	6.00 in	152.4 mm
Rotor Head Diameter	2.25 in	57.2 mm
Rotor Peak to Valley (std.)	1.995 in	50.67 mm
Rotor Weight	98 Lbs	44.5 Kg
STATOR DIMENSIONS		
Overall Stator Length	114.0 in	2,896 mm
Stator Outside Diameter	3.50 in	88.9 mm
Stator Inside Diameter	2.75 in	69.9 mm
Elastomer Cutback Length	4.0 / 6.0 in	102 / 152 mm
Stator Weight	126 Lbs	57.3 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 7:8
Stages 3.0

