

## 3-1/8" SLOW SPEED

SPECIFICATIONS		
Operating Flow Rate	100 - 210 GPM	379 - 795 LPM
Developed Power	68.2 Hp	50.8 Kw
Maximum Developed Torque	1,850 Ft-Lbs	2,508 N-m
Rotor Eccentricity	0.091 in	2.31 mm
Speed @ No Load	150 - 315 RPM	150 - 315 RPM
Revs Per Volume @ No Load	1.50 Rev/Gal	0.40 Rev/L
Differential Pressure @ No Load	115 PSI	0.8 MPa
Speed @ Full Load	135 - 283 RPM	135 - 283 RPM
Revs Per Volume @ Full Load	1.35 Rev/Gal	0.36 Rev/L
Differential Pressure @ Full Load	575 PSI	4.0 MPa

ROTOR DIMENSIONS		
Overall Rotor Length	73.0 in	1,854 mm
Rotor Head Length	5.00 in	127.0 mm
Rotor Head Diameter	2.00 in	50.8 mm
Rotor Peak to Valley (std.)	2.054 in	52.17 mm
Rotor Weight	71 Lbs	32.1 Kg
STATOR DIMENSIONS		
Overall Stator Length	80.0 in	2,032 mm
Stator Outside Diameter	3.13 in	79.4 mm
Stator Inside Diameter	2.63 in	66.7 mm
Elastomer Cutback Length	5.0 / 8.0 in	127 / 203
Stator Weight	55 Lbs	24.8 Kg
ROTOR / STATOR FIT $\pm 0.005$ in [.13 mm]		
Standard Fit @ 72°F (22°C)	0.000 in	0.00 mm
1X Oversize @ 72°F (22°C)		
2X Oversize @ 72°F (22°C)		
4X Oversize @ 72°F (22°C)		

**Lobes 9:10**  
**Stages 2.3**

