

## 2-7/8" SLOW SPEED / HIGH TORQUE

SPECIFICATIONS		
Operating Flow Rate	80 - 168 GPM	303 - 636 LPM
Developed Power	70.8 Hp	52.8 Kw
Maximum Developed Torque	1,800 Ft-Lbs	2,440 N-m
Rotor Eccentricity	0.084 in	2.13 mm
Speed @ No Load	160 - 336 RPM	160 - 336 RPM
Revs Per Volume @ No Load	2.00 Rev/Gal	0.53 Rev/L
Differential Pressure @ No Load	135 PSI	0.9 MPa
Speed @ Full Load	144 - 302 RPM	144 - 302 RPM
Revs Per Volume @ Full Load	1.80 Rev/Gal	0.47 Rev/L
Differential Pressure @ Full Load	675 PSI	4.7 MPa

ROTOR DIMENSIONS		
Overall Rotor Length	78.0 in	1,981 mm
Rotor Head Length	5.00 in	127.0 mm
Rotor Head Diameter	1.88 in	47.6 mm
Rotor Peak to Valley (std.)	1.824 in	46.33 mm
Rotor Weight	60 Lbs	27.1 Kg
STATOR DIMENSIONS		
Overall Stator Length	85.0 in	2,159 mm
Stator Outside Diameter	2.87 in	73.0 mm
Stator Inside Diameter	2.38 in	60.3 mm
Elastomer Cutback Length	5.0 in	127 mm
Stator Weight	53 Lbs	23.9 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)		
4X Oversize @ 72°F (22°C)		

**Lobes 9:10**  
**Stages 2.7**

