

## 3-1/2" MEDIUM SPEED / HIGH TORQUE

SPECIFICATIONS		
Operating Flow Rate	125 - 250 GPM	473 - 946 LPM
Developed Power	117.1 Hp	87.3 Kw
Maximum Developed Torque	2,300 Ft-Lbs	3,118 N-m
Rotor Eccentricity	0.157 in	4.00 mm
Speed @ No Load	218 - 435 RPM	218 - 435 RPM
Revs Per Volume @ No Load	1.74 Rev/Gal	0.46 Rev/L
Differential Pressure @ No Load	200 PSI	1.4 MPa
Speed @ Full Load	196 - 391 RPM	196 - 391 RPM
Revs Per Volume @ Full Load	1.56 Rev/Gal	0.41 Rev/L
Differential Pressure @ Full Load	1,000 PSI	6.9 MPa

ROTOR DIMENSIONS		
Overall Rotor Length	111.0 in	2,819 mm
Rotor Head Length	6.00 in	152.4 mm
Rotor Head Diameter	2.25 in	57.2 mm
Rotor Weight	97 Lbs	43.9 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
Stator Weight	127 Lbs	57.7 Kg
ROTOR / STATOR FIT		
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 4.0**

