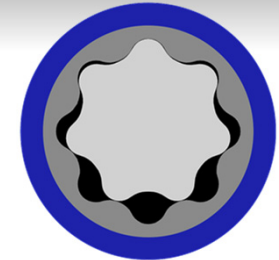


## 2-7/8" HIGH SPEED

SPECIFICATIONS		
Operating Flow Rate	50 - 120 GPM	189 - 454 LPM
Developed Power	50.1 Hp	37.4 Kw
Maximum Developed Torque	500 Ft-Lbs	678 N-m
Rotor Eccentricity	0.084 in	2.13 mm
Speed @ No Load	357 - 856 RPM	357 - 856 RPM
Revs Per Volume @ No Load	7.13 Rev/Gal	1.88 Rev/L
Differential Pressure @ No Load	150 PSI	1.0 MPa
Speed @ Full Load	321 - 770 RPM	321 - 770 RPM
Revs Per Volume @ Full Load	6.41 Rev/Gal	1.69 Rev/L
Differential Pressure @ Full Load	750 PSI	5.2 MPa

ROTOR DIMENSIONS		
Overall Rotor Length	47.0 in	1,194 mm
Rotor Head Length	5.00 in	127.0 mm
Rotor Head Diameter	1.75 in	44.5 mm
Rotor Peak to Valley (std.)	1.575 in	40.01 mm
Rotor Weight	27 Lbs	12.2 Kg
STATOR DIMENSIONS		
Overall Stator Length	50.0 in	1,270 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	31 Lbs	14.0 Kg
ROTOR / STATOR FIT +/- 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)		
3X Oversize @ 72°F (22°C)		

**Lobes 7:8**  
**Stages 3.0**



**RECOMMENDED ROTOR / STATOR FIT**

