

3-1/8" SLOW SPEED / HIGH TORQUE

SPECIFICATIONS		
Operating Flow Rate	125 - 250 GPM	473 - 946 LPM
Developed Power	103.7 Hp	77.3 Kw
Maximum Developed Torque	2,950 Ft-Lbs	4,000 N-m
Rotor Eccentricity	0.123 in	3.12 mm
Speed @ No Load	150 - 300 RPM	150 - 300 RPM
Revs Per Volume @ No Load	1.20 Rev/Gal	0.32 Rev/L
Differential Pressure @ No Load	145 PSI	1.0 MPa
Speed @ Full Load	135 - 270 RPM	135 - 270 RPM
Revs Per Volume @ Full Load	1.08 Rev/Gal	0.29 Rev/L
Differential Pressure @ Full Load	725 PSI	5.0 MPa

ROTOR DIMENSIONS		
Overall Rotor Length	106.0 in	2,692 mm
Rotor Head Length	5.00 in	127.0 mm
Rotor Head Diameter	2.06 in	52.3 mm
Rotor Peak to Valley (std.)	1.924 in	48.87 mm
Rotor Weight	91 Lbs	41.2 Kg
STATOR DIMENSIONS		
Overall Stator Length	114.0 in	2,896 mm
Stator Outside Diameter	3.13 in	79.4 mm
Stator Inside Diameter	2.63 in	66.7 mm
Elastomer Cutback Length	5.0 / 10.0 in	127 / 254
Stator Weight	79 Lbs	35.8 Kg
ROTOR / STATOR FIT +/- 0.005 in [.13 mm]		
Standard Fit @ 72°F (22°C)		
1X Oversize @ 72°F (22°C)		
2X Oversize @ 72°F (22°C)	0.020 in	0.51 mm
3X Oversize @ 72°F (22°C)		

Lobes 7:8

Stages 2.9



RECOMMENDED ROTOR / STATOR FIT

