

4-3/4" SLOW SPEED / HIGH TORQUE

SPECIFICATIONS		
Operating Flow Rate	100 - 250 GPM	379 - 946 LPM
Developed Power	114.7 Hp	85.5 Kw
Maximum Developed Torque	5,950 Ft-Lbs	8,067 N-m
Rotor Eccentricity	0.157 in	3.99 mm
Speed @ No Load	66 - 165 RPM	66 - 165 RPM
Revs Per Volume @ No Load	0.66 Rev/Gal	0.17 Rev/L
Differential Pressure @ No Load	175 PSI	1.2 MPa
Speed @ Full Load	59 - 148 RPM	59 - 148 RPM
Revs Per Volume @ Full Load	0.59 Rev/Gal	0.16 Rev/L
Differential Pressure @ Full Load	875 PSI	6.0 MPa

ROTOR DIMENSIONS		
Overall Rotor Length	128.0 in	3,251 mm
Rotor Head Length	6.00 in	152.4 mm
Rotor Head Diameter	3.00 in	76.2 mm
Rotor Peak to Valley (std.)	2.870 in	72.90 mm
Rotor Weight	243 Lbs	110.4 Kg
STATOR DIMENSIONS		
Overall Stator Length	130.0 in	3,302 mm
Stator Outside Diameter	4.75 in	120.7 mm
Stator Inside Diameter	3.75 in	95.3 mm
Elastomer Cutback Length	5.0 in	127 mm
Stator Weight	261 Lbs	118.3 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 3.5

