



8" 5/6 LOBES 5 STAGES

ROTOR DETAILS

Overall Length (in)	162
Head Length (in)	7
Head Diameter (in)	4.75
Contour OD (in)	4.865
Ecc (in)	0.382
C to v (in)	4.102
Weight (lbs)	560

RECOMMENDED OPERATING RANGE

Flow Rate	300 gpm-900gpm
No Load RPM	90-270
Displacement	0.3 revs/gal
Max Working Pressure	1085 psi
Max Off-BTM Pressure	137 psi
Max Operating Torque	8300 ft-lbs
Torque Slope	7.973 ft-lbs/psi

Max Operating pressure= Max Working psi - Max Off-BTM psi

STATOR DETAILS

Overall Length (in)	168
Tube OD (in)	8
Tube ID (in)	6.25
Alternate OD (in)	NA
Std Cutbacks (in)	9
Weight (lbs)	1016

SIZING AND FIT INFORMATION

Vector Minor (in)	4.110
Shop Fit @ 70°F	- 0.008 Loose
Temp Correction Factor*	3.5

*Temp correction factor is the degrees (F) required to change the stator size by .001" on diameter.

Theoretical performance with water at Operating Temperature

