



## 30 Horsepower Automatic-Flow Vacuum Unit with Reversible-Flow Tank

**RS-AFRV-30-607-FL518**

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### Vacuum Motor Data

Make / Model	Hyundai Crown Triton
Output	30 HP
Frequency	60 Hz
RPM/Poles	1800/4
Full load speed	1775
Voltage	208-230/460
Rated current	31.0 / 60.6 A
Locked rotor current	680% / 680 A
No-load current	55.0/27.5 A
Full load torque	87.3 lb.-ft.

### FL518 Lobe Pump Aggregate

Pump Drive Motor Make and Model	Worldwide PEWWE25-18-284TC
Make / Model	Börger FL518
Gear Design (Bearings)	Standard
Drive Shaft Design	1x cylindrical drive shaft, Pos. 1
Flow Direction	Reversible
Lipseals / Inner Ring	Buna-N / Stainless Steel
Pump Casing	ASTM A48 cast iron with MIP radial liners
Cover and Axial Plates	Hardened Steel
Radial Liners	Hardened Steel
Holding Bushings	Steel
Mechanical Seal	Duronite seal faces, FPM O-rings
Rotor Design	Dual-lobe screw, optimum profile
Rotor Tip Material	FPM
O-rings (Static)	FPM
Flange Gaskets	FPM
Mounting Position	Feet Down (M1)
Series Index	4
Displacement	1.48 gal. (5.6 L)
Rated Capacity	Recommended: 50-100 m3/h — Permitted: 20-165 m3/h
Rated Speed	Recommended: 150-400 RPM — Permitted: 50-600 RPM
Max. Vacuum	21" HG Vac. (-0.7 bar)
Max. Working Pressure	145 psi (10 bar)



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