

Lubrication Systems

Dyna-Star® Electrically-Powered HP and HF 24 VDC

Features and Benefits

- High-quality helical hardened steel gears are lubricated for life and sealed to keep contaminants out for longer lasting performance
- Ability to adjust motor controls like power input, motor speed, current control and signal input to perfectly match the pump to your application and environmental changes
- Mechanical auto-fill shutoff and remote-mounted fill port ensures clean and efficient refills
- Vent valve mounts directly to pump with no special brackets or hoses for a compact design and less parts to break or wear out
- IP69K rated
- Built-in pressure relief for safety and compact, efficient installations
- Cavitation-free fill and vent path provides simple and direct venting and filling to the foot of the pump
- Built-in lift ring is rated to 500 lbs (226 kg)
- Strong 12 gauge steel reservoir available in 60 lb (27 kg) or 90 lb (41 kg) size
- AC to DC Converter Box for fixed and in-plant applications

Typical Applications

- Mining Operations
- Milling and Crushing
- Heavy-duty Construction
- Well Services
- Industrial (see next page for AC to DC Converter)

Technical Specifications

Maximum Lubricant Outlet Pressure	
HF models	3500 psi (24.1 MPa, 241 bar)
HP models	5000 psi (34.47 MPa, 344 bar)
Electrical Requirements	
All models	24 VDC
Input Voltage Range	
24 VDC	18 to 32 VDC
Flow Rate Range	
HF models	1.5 in ³ - 25 in ³ /minute (24.6 cm ³ - 410 cm ³ /minute)
HP models	1.5 in ³ - 18 in ³ /minute (24.6 cm ³ - 295 cm ³ /minute)
Inlet/Outlet Sizes	
Tank/reservoir fill port	1/2 in NPT
Overflow port	1/2 in NPT
Fluid outlet size	3/8 in NPT
Operating Temperature	
HF models	14° to 149° F (-10° to 65° C)
HP models	-40° to 149° F (-40° to 65° C)
Audible Sound Pressure	
71 dB(A)	

Product Manuals: Pumps 332514, Pump Systems 332540, Auto-Fill Shutoff 332518, Low Level 332515, Electric Vent Valve 332519, Drum Covers and Follower Plates 312738, Remote Fill Port 333393



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