

Technical Data

Category	Data
Maximum Fluid Working Pressure	Models H-25 and H-40: 2000 psi (13.8 MPa, 138 bar) Model H-50 1 phase: 1700 psi (11.7 MPa, 11.7 bar) Model H-50 3 phase: 2000 psi (13.8 MPa, 138 bar) Models H-XP2 and H-XP3: 3500 psi (24.1 MPa, 241 bar)
Fluid:Oil Pressure Ratio	Models H-25 and H-40: 1.91:1 Model H-50: 1.64:1 Models H-XP2 and H-XP3: 2.79:1
Fluid Inlets	Component A (ISO): 1/2 npt(f), 250 psi (1.75 MPa, 17.5 bar) maximum Component B (RES): 3/4 npt(f), 250 psi (1.75 MPa, 17.5 bar) maximum
Fluid Outlets	Component A (ISO): #8 (1/2 in.) JIC, with #5 (5/16 in.) JIC adapter Component B (RES): #10 (5/8 in.) JIC, with #6 (3/8 in.) JIC adapter
Fluid Circulation Ports	1/4 npsm(m), with plastic tubing, 250 psi (1.75 MPa, 17.5 bar) maximum
Maximum Fluid Temperature	190°F (88°C)
Maximum Output (10 weight oil at ambient temperature)	Model H-25: 22 lb/min (10 kg/min) (60 Hz) Model H-XP2: 1.5 gpm (5.7 liter/min) (60 Hz) Model H-50: 52 lb/min (24 kg/min) (60 Hz) Model H-40: 45 lb/min (20 kg/min) (60 Hz) Model H-XP3: 2.8 gpm (10.6 liter/min) (60 Hz)
Output per Cycle (A and B)	Models H-25 and H-40: 0.063 gal. (0.23 liter) Model H-50: 0.073 gal. (0.28 liter) Models H-XP2 and H-XP3: 0.042 gal. (0.16 liter)
Line Voltage Requirement	230V 1 phase and 230V 3 phase units: 195-264 Vac, 50/60 Hz 400V 3 phase units: 338-457 Vac, 50/60 Hz
Amperage Requirement	See Systems , page 3.
Heater Power (A and B heaters total, no hose)	See Systems , page 3.
Hydraulic reservoir capacity	3.5 gal. (13.6 liters)
Recommended hydraulic fluid	Citgo A/W Hydraulic Oil, ISO Grade 46
Sound power, per ISO 9614-2	90.2 dB(A)
Sound pressure, 1 m from equipment	82.6 dB(A)
Weight	Units with 8.0 kW Heaters: 535 lb (243 kg) Units with 12.0 kW Heaters: 597 lb (271 kg) Units with 15.3 kW Heaters (H-25/H-XP2 models):562 lb (255 kg) Units with 15.3 kW Heaters (H-40/H-XP3/H-50 models): 597 lb (271 kg) Units with 20.4 kW Heaters: 597 lb (271 kg)
Wetted Parts	Aluminum, stainless steel, zinc-plated carbon steel, brass, carbide, chrome, fluoroelastomer, PTFE, ultra-high molecular weight polyethylene, chemically resistant o-rings

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