Scan. Order. Done. Details on page A1.



Dav



Vacuum Pump and Portable Container

BRONZE

PUMP

Air-operated aluminum-body pump handles cutting fluids, waste oil, paint sludge, contaminated liquids, etc. Automatically shuts off when receiving container is full.

CONTAINER

Smooth, seamless polyethylene drum has 2" NPT bung opening and a 3/4" opening. With carrying handle for easy transport.

Description	Construc. Material	Body Material	Brand	ltem No.
Air Operated Vacuum Pump, Includes Air Connection Kit, Suction Hose	—	Aluminum	Dayton	5UWG2
15-gal Container, 147/16 in O.D. x 261/3 in H	HDPE	—	—	5UWG5

Pedestal Gear Pumps—Intermittent-Duty



Dayton

Max. temp.: 210°F, except 230°F on 4KHJ4 to 4KHJ9

- Max. viscosity: 500 SSU at 1725 rpm
- Max. pressure: 100 psi
- Self-priming

Bidirectional rotation.

Intermittently transfer nonabrasive or nonparticulate viscous liquids with a near-pulseless flow. Not for use in pulley drive systems that do not have a pillow-block shaft assembly.

Note: Higher viscosity liquids (100,000 SSU) must be transferred with more

Steel spur gears are great for oil-based liquids. Wet-end components: cast iron, steel, and Viton on Viton-seal models; steel, cast iron, and PTFE on PTFE-seal models.

r	Port	ower at i Shaft	reduced sp Shaft	GPM @ Free	HP @ Free	GPM @	HP @ Free Flow @ 1725	Suction	BRONZE W/ BRONZE BUSHING AND ZERK FITTINGS Item	BRONZE W/(4) BUSHINGS (2 LONG AND 2 SHORT), (4) THICK WASHERS, (8) THIN WASHERS Item	BRONZE W/ CARBON GRAPHITE BUSHINGS Item	BRONZE W/ CARBON GRAPHITE BUSHINGS W/RELIEF VALVE Item	CAST IRON W/VITON LIP SEAL Item	CAST IRON W/ KEVLAR PACKING, PTFE SEAL AND ZERK FITTING Item
-	Size	Dia.	Height	Flow	Flow*	100 psi	rpm	Lift	No.	No.	No.	No.	No.	No.
		0.5 in	1.875 in	2.2 gpm	0.1667 hp	1.9 gpm	0.1667 hp	2.5 ft	4KHG4			4KHH7	4KHJ4	4KHK1
	1⁄4 IN _	0.5 in	1.875 in	0.166666666 gp	0.1667 hp	1.9 gpm	0.1667 hp	2.5 ft			4KHH1			
-		0.5 in	2.3594 in	4.8 gpm	0.5 hp	4.4 gpm	0.5 hp	3.5 ft	4KHG5		4KHH2	4KHH8	4KHJ5	4KHK2
		0.625 in	2.625 in	7 gpm	0.75 hp	6.5 gpm	0.75 hp	7.9 ft	—	4KHH3	_	—	—	_
	3∕8 in _	0.625 in	2.625 in	7 gpm	0.75 hp	6.6 gpm	0.75 hp	7.9 ft	_	—	—	4KHH9	4KHJ6	4KHK3
		0.63 in	2.625 in	7 gpm	0.75 hp	6.6 gpm	0.75 hp	7.9 ft	4KHG6	_	_	—	—	_
	16 in .	0.625 in	2.625 in	10.8 gpm	0.75 hp	10.2 gpm	0.75 hp	12.3 ft	_	_	4KHH4	4KHJ1	4KHJ7	4KHK4
	/2 111	0.63 in	2.625 in	10.8 gpm	0.75 hp	10.2 gpm	0.75 hp	12.3 ft	4KHG7	—	—	—	_	_
_	3⁄4 in	0.625 in	3.5625 in	20.6 gpm	1.5 hp	19.8 gpm	1.5 hp	15.2 ft	4KHG8		4KHH5	4KHJ2	4KHJ8	4KHK5
	1 in -	0.625 in	3.5625 in	24.8 gpm	1.5 hp	23.1 gpm	1.5 hp	19.5 ft	4KHG9					
		0.625 in	3.5625 in	24.8 gpm	1.5 hp	23.1 gpm	1.5 hp	19.6 ft	_	_	4KHH6	4KHJ3	4KHJ9	4KHK6



Pedestal Gear Pumps

- Max. viscosity: 500 SSU at 1725 rpm
- Max. pressure: 125 psi
- Mechanical seals
- Self-priming

Transfer nonabrasive or nonparticulate liquids with a near-pulseless flow. Pumps are bidirectional with positive displacement. All have keyed shafts and a seal flush chamber. Shaft ball bearings allow use with pulley-drive systems. Cast-iron and bronze models have pressure relief valves.

Note: Higher-viscosity liquids (100,000 SSU) must be transferred with more horsepower at reduced speeds.

CAST-IRON

Max. temp.: 280°F

Steel spur gears handle oil-based fluids. Viton mechanical seals with carbon/ceramic faces provide good resistance to compatible chemicals. Other wetted materials are cast

BRONZE

Max. temp.: 210°F

Fortron polyphenylene sulfide (PPS) spur gears transfer water-based liquids with no metal-tometal contact; good chemical compatibility. Buna N mechanical seals with carbon/ceramic faces. Other wetted materials are bronze, brass, Fortron, and carbon graphite.

Dayton

316 STAINLESS STEEL

Max. temp.: 280°F

Fortron polyphenylene sulfide (PPS) spur gears handle viscous-based fluids and operate quietly with no metal-to-metal contact; good chemical resistance. Viton mechanical seals with carbon/ ceramic faces. Other wetted materials are 316 stainless steel, carbon graphite, and Fortron.

iron and s	teel.							CAST-IRON W/STEEL SPUR	BRONZE W/ Carbon Graphite	STAINLESS STEEL W/ CARBON
Port Size	Shaft Dia.	Shaft Height	GPM @ Free Flow	HP @ Free Flow*	GPM @ 125 psi @ 1725 RPM	HP @ 125 psi @ 1725 RPM	Suction Lift	GEARS Item No.	BUSHINGS Item No.	BUSHINGS Item No.
3⁄8 in	0.5 in	2.375 in	4.8 gpm	0.5 hp	4.1 gpm	1 hp	3.5 ft	4KHF8	4KHF3	_
3⁄8 in	0.5 in	2.8 in	4.8 gpm	0.5 hp	4.1 gpm	1 hp	3.5 ft	-	—	4KHP1
1⁄2 in	0.625 in	2.625 in	7 gpm	0.75 hp	6.1 gpm	1.5 hp	7.9 ft	4KHF9	4KHF4	_
1/2 in	0.625 in	3.1563 in	10.8 gpm	1.5 hp	9.7 gpm	1 hp	12.3 ft	-	—	4KHP2
3⁄4 in	0.625 in	2.625 in	10.8 gpm	0.75 hp	9.7 gpm	1.5 hp	12.3 ft	4KHG1	4KHF5	—
1 in	0.75 in	3.5625 in	20.6 gpm	1.5 hp	19.2 gpm	3 hp	15.2 ft	4KHG2	4KHF6	_
1 1⁄4 in	0.75 in	3.5625 in	24.8 gpm	1.5 hp	23.3 gpm	3 hp	19.5 ft	4KHG3	4KHF7	_
1 in	0.75 in	3.9375 in	24.8 gpm	1.5 hp	23.3 gpm	3 hp	19.5 ft	_	—	4KHP3

* Flow is based on pumping 10-weight oil at 70°F at 1725 rpm. See pages 9, 10, for optional motors.



4KHH7







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Bronze spur gears are great for water-based liquids. Wet-end components: 303 stainless steel, bronze, brass, PTFE, and carbon graphite. **CAST-IRON**