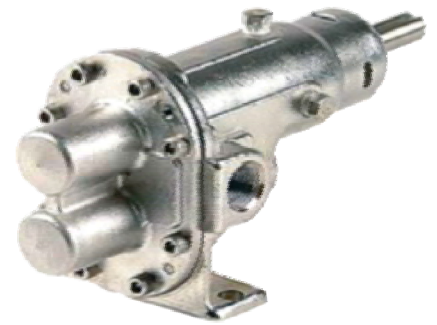
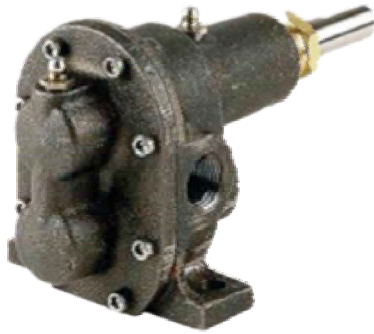


PEDESTAL GEAR PUMP - LIGHT - DUTY



Features:

- Max. pressure: 125 psi
- Lip or packing seals
- Shaft bushings
- Max. viscosity: 500 SSU Self-priming Bidirectional rotation

Applications:

Intermittently transfers a wide range of nonabrasive or nonparticulate viscous liquids with a near-pulseless flow in many industrial, commercial, marine, or agricultural applications.

BRONZE

Max. temp.: 210°F (PTFE)

Ideal for handling water-based liquids. Models SU-B1R43 to SU-B5R48 have internal pressure relief valves. Models SU-B1Z31 to SU-B5Z36 have wet-end components made from 304 stainless steel, bronze, Carbon graphite bush, brass, cellulose, gasket and PTFE. Bronze Spur gear.

CAST-IRON

Max. temp.: 280°F (Viton® lip seal); 210°F (Teflon® packing seal) Ideal for handling oil-based liquids. Model SUC1Z07 to SUC5V06 have wet-end components made of cast-iron, steel, Cellulose gasket and Viton. Models SUC1Z07 to SUC5Z012 have wet-end components of steel, cast-iron, cellulose, gasket and PTFE. Steel spur gears. Zerk model use Teflon and non Zerk model use Viton lip seal.

Port Size	Shaft Dim (in)		LPM of Oil Free Flow @ 1725 RPM		LPM of Oil IOOPSI @ 1725 RPM		Suction Lift	Cast iron & Viton Lip Seal	Cast iron & Teflon Seal and Zerk Fitting	Bronze & Teflon Seal and Zerk Fitting	Bronze & Carbon Graphite Bushing	Carbon Graphite Bushing and Pressure relief value
	Inches	Dia	Height	LPM	HP	LPM						
3/8	1/2	1 7/8	8.36	1/3	3.8	1/3	2.5	SU-C1V01	SU-C1Z07	SU-B1Z31	SU-B1C37	SU-B1R43
1/2	5/8	2 1/3	18.24	3/4	10.64	3/4	3.5	SU-C1V02	SU-C1Z08	SU-B1Z32	SU-B1C38	SU-B1R44
1/2	5/8	2 5/8	26.6	1 1/2	25.08	1 1/2	7.5	SU-C2V03	SU-C2Z09	SU-B2Z33	SU-B2C39	SU-B2R45
3/4	5/8	2 5/8	41.04	1 1/2	33.82	1 1/2	11.5	SU-C3V04	SU-C3Z010	SU-B3Z34	SU-B3C40	SU-B3R46
1	3/4	3 4/7	78.28	3	68.4	3	13.5	SU-C4V05	SU-C4Z011	SU-B4Z35	SU-B4C41	SU-B4R47
1 1/4	3/4	3 4/7	94.24	3	87.78	3	19.5	SU-C5V06	SU-C5Z012	SU-B5Z36	SU-B5C42	SU-B5R48

Flow is based on pumping SAE-10 oil at 70° F @ 1725 RPM

PEDESTAL GEAR PUMP-CONTINUOUS-DUTY

Basic Design Features



- Max. pressure: 125 psi
- Mechanical seals
- Shaft ball bearings
- Max. viscosity: 500 SSU
- Self-priming



Applications

Transfer a wide range of nonabrasive or nonparticulate viscous liquids with a continuous, near-pulseless flow in many industrial, commercial, marine, or agricultural applications.

CAST-IRON

Max. temp.: 280°F

Steel spur gears handle oil-based fluids. Viton® mechanical seals with carbon-on-ceramic faces provide good resistance to compatible chemicals. Other wetted materials are: cast-iron, steel and Cellulose gasket.



BRONZE

Max. temp.: 210°F

FortonPPS spur gears are designed to transfer water- based liquids with no metal-to metal contact for quieter operation and good chemical compatibility. Buna N mechanical seals with carbon-on-ceramic faces. Other wetted materials include: bronze, brass, graphite and Cellulose gasket, as well as 304 and 18-8 stainless steel.



316 STAINLESS STEEL

Max. temp.: 280°F

Forton® spur gears provide quiet operation and good chemical resistance, with no metal-to-metal contact. Viton® mechanical seals with carbon-on ceramic faces and flush chamber to increase pump efficiency. Other wetted materials include: 316 stainless steel, carbon graphite, and Forton.

Port Size	Shaft Dim (in)		LPM of oil free flow @ 1725 RPM		LPM of oil 125 Psi @ 1725 RPM		Suciton Lift	Cast Iron Spur Gear & Bearing	Bronze, Carbon Graphite & Bearing	Stainless Steel, Carbon Graphite & Bearing
	Inches	Dia	Height	LPM	Hp	LPM				
3/8	1/2	2 3/8	18 1/4	1/2	15.60	1	3 1/2	SU-C2B13	SU-B2B49	SUB-S2B71
1/2	5/8	2 5/8	26 3/5	3/4	23.20	1 1/2	8	SU-C2B14	SU-B2B50	-
1/2	5/8	2 5/8	41.04	3/4	36.90	1 1/2	12.30	-	-	SUB-S2B72
3/4	5/8	2 5/8	41.04	3/4	36.90	1 1/2	12.30	SU-C2B15	SU-B2B51	-
1	3/4	3 4/7	78.28	1 1/2	73.00	3	15.20	SU-C2B16	SU-B2B52	SUB-S2B73

Flow is based on pumping SAE-10 oil at 70° F @ 1725 RPM