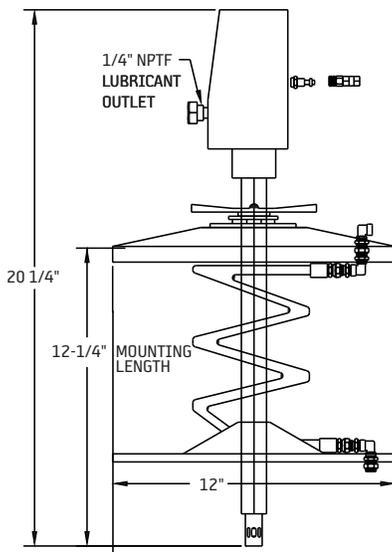
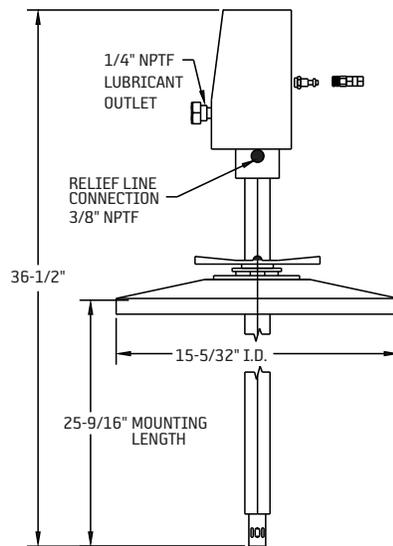


INSTALLATION AND OPERATING INSTRUCTIONS AIR OPERATED BARREL PUMPS (55:1 RATIO)

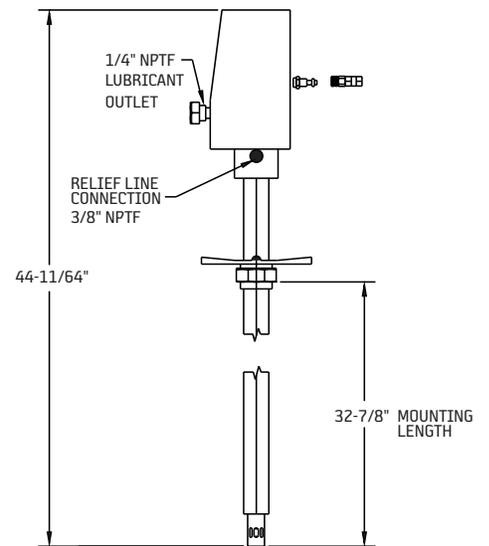
Part Number	Description	Included Accessories
9035	55:1 Ratio, for 35 lb. pail.	Bung Adapter, Return Hose Assembly, Drum Cover, Follower Plate for 35 lb. pail.
9120	55:1 Ratio, for 120 lb. drum.	Bung Adapter, Return Tube & Drum Cover for 120 lb. drum.
9400	55:1 Ratio, for 400 lb. drum.	Bung Adapter & Return Tube for 400 lb. drum.



Pump 9035



Pump 9120



Pump 9400

BIJUR DELIMON INTERNATIONAL
(800) 631 0168 TOLL-FREE
(252) 527 9232 FAX

2685 Airport Road
Kinston, NC 28504

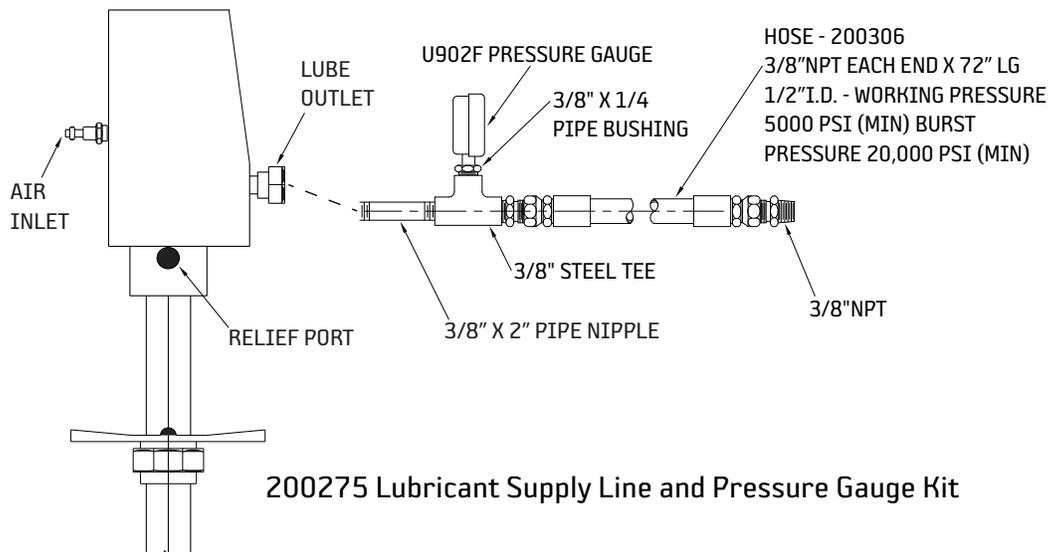
WWW.BIJURDELIMON.COM



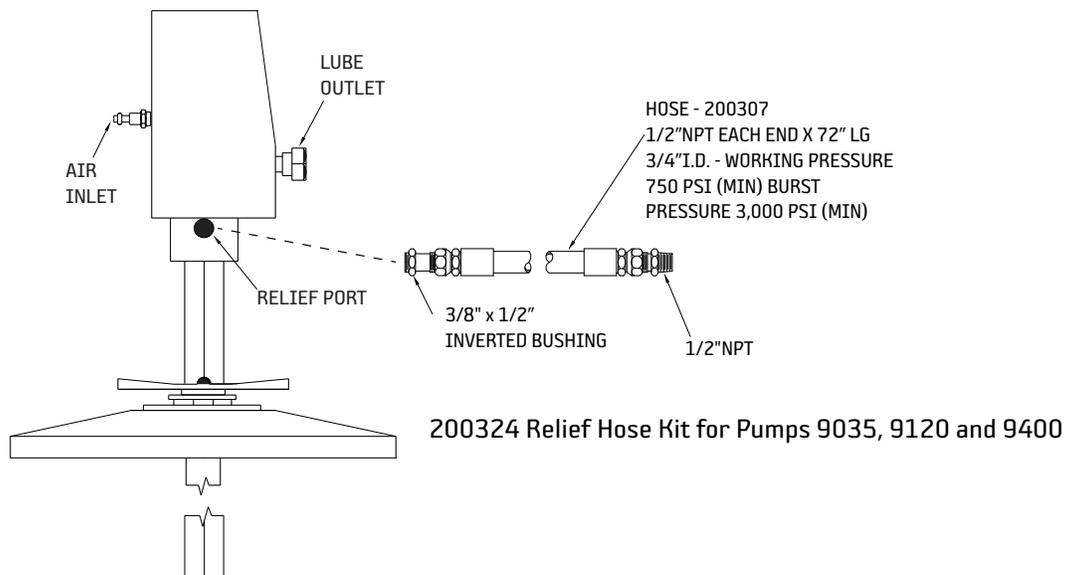
ACCESSORIES

STANDARD DUTY PUMPS - ALL SYSTEMS

- A. AIR SUPPLY HOSE - Part Number 200325.** Hose fits all standard duty pumps. 1/4"NPT one end, 1/2"NPT other end x 72" long, 1/2" I.D. Working pressure 250 psi (min) Burst Pressure 1000 psi (min).
- B. LUBE SUPPLY LINE PRESSURE GAUGE KIT - Part Number 200275.** Kit fits all standard duty pumps. The kit contains: Lube supply hose (part#200306), U101C4 3/8"NPT x 2" Nipple, U163C 3/8"NPT Steel Tee, U104C2 3/8"NPT x 1/4" hex bushing and a U902F 5000 psi 1/4"NPT pressure gauge.



- C. RELIEF HOSE KIT - Part Number 200324 for Pumps 9035, 9120 and 9400.** Kit contains hose (part#200307), 3/8"NPT(M) x 1/2"NPT(F) inverted bushing. See below for assembled position of relief line parts.



WARNING!

- High pressure pump. Disconnect air supply and release lube pressure from the line before removing the pump. Never try to remove or disassemble the pump when it is in operation.
- Maximum air working pressure is 140 p.s.i. If line air pressure is greater than 140 p.s.i., an air pressure regulator must be used.
- Pump to be used with grease and mineral base lubricants. If the pump is going to be used with other fluids, check compatibility with the factory.
- Compressed air can carry moisture and other impurities which might damage the air motor. The use of an F.R.L. is recommended.

ASSEMBLY

Pump number 9035 includes 35 lb. cover, follower, quick disconnect. return hose assembly, shipped loose with pump.

Pump number 9120 includes 120 lb. drum cover and quick disconnect coupler, shipped loose with the pump.

To assemble unit, proceed as follows:

- Slide the pump with the bung adapter through the drum cover opening. Secure the bung adapter thread to the drum cover and tighten adapter lock.
- Secure cover to drum with the thumb screw.
- (9035) - Assemble return hose to the cover and follower.
- Pump is now ready to connect the lube delivery hose at the lube outlet and the lube return line to the relief line connection.
- Connect the pump to the compressed air supply.
- Open the grease delivery valves to bleed the distribution line. The pump must stop automatically when the delivery valves are closed.
- Pump starts after opening a delivery valve.

Pump number 9400 includes bung adapter for 400 lb. drum and quick disconnect adapter.

The bung adapter may be threaded directly into bung hole of 400 lb. drum or threaded into the 400 lb. drum cover (part number F1938) which must be ordered separately.

Follower (order separately) - 9120 = F964; 9400 = F966

PUMP SPECIFICATIONS

Maximum Air Pressure	140 psi (10 bar)
Minimum Air Pressure	40 psi (3 bar)
Avg. Air Consumption*	5 cu. ft/min (150l/min)
Maximum Delivery*	40 cu.in/min (650cc/min)
Bung Adapter Thread	2" (M)

*Free outlet at 70° F (20° C). Air Pressure: 100 psi (7 bar)

TROUBLESHOOTING

SYMPTOMS	POSSIBLE CAUSES	SOLUTIONS
1. The pump continues to run - on	<ol style="list-style-type: none"> Grease missing around the suction filter. There is a grease leak at some point of the circuit. Pressure valve or foot valve closes incorrectly due to dirt or wearing. 	<ol style="list-style-type: none"> Remove cover and take out pump and follower plate. Compact grease and fill the drum or substitute it for a full one. Check and tighten union. Repair the leak. Disassembly and clean valves. In case of damage, replace them.
2. Grease leaks through the air exhaust.	<ol style="list-style-type: none"> Damaged packing set O-ring. Suction tube not sufficiently threaded into the air motor body. 	<ol style="list-style-type: none"> Replace damaged seals. Tighten the threaded union. Always check the correct position of the position of the O-ring to avoid damaging it.
3. Air loss through the air exhaust.	<ol style="list-style-type: none"> The slide valve does not close properly. Broken valve support (the pump stops). Broken Spring. Damaged air piston. Damaged O-ring. 	Replace with FGK5 Repair Kit
4. Reduction of the grease delivery.	<ol style="list-style-type: none"> Air pockets in the grease drum. Dirt in the pressure valve or in the foot valve. 	<ol style="list-style-type: none"> Remove the cover and take out the pump and the follower plate. Compact the grease and fill the drum or substitute it for a full one. Disassemble and clean. If damaged, replace.
5. Reduced pressure in the grease delivery.	Scratched high pressure cylinder or high pressure piston.	Replace with FGK5 Repair Kit

MAINTENANCE - SPARE PARTS KITS

Major overhaul service kits provide the necessary replacement parts for repair of pump air motor and for the pump tube. Kits are obtained by ordering the following part numbers:

Part Number	Description
FGK1	Air motor repair kit
FGK2	Seals repair kit
FGK3	Pressure valve repair kit
FGK4	Foot valve repair kit
FGK5	High pressure piston repair kit

Instructions for disassembly and assembling new parts are included in the overhaul kits.

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See Data sheet 35993 for complete operators manual

