

LD Series 50:1 Grease Pumps



**5 Year
Warranty!**

Durable and hardworking

Stay ahead of the competition with LD Series pumps. These affordable and full-featured pumps are designed for lower-volume (up to 7,000 lb/year) applications. LD pumps are fine-tuned for a compact, flexible and durable solution.

Three-Inch Air Motor

Provides more power to create better flow.

Engineered for Durability

Patented cup and plate design eliminates the need for O-rings that wear out faster, for a more durable, longer-lasting solution.

Modular Air Valve

Air inlet and exhaust locations are easy to configure with just four bolts for simple, hassle-free installations.

Pilot Valves

Patented self-cleaning design increases reliability in dirty air environments and minimizes pressure drop with rapid changeovers for reduced stalling and smoother flow.

Grease Pumps and Packages

Typical Applications

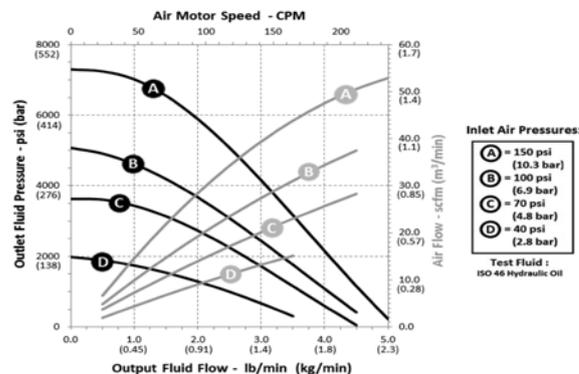
- Automotive dealerships
- Fast lube centers
- Service shops
- Lube trucks

Typical Fluids Handled

- Grease up to NLGI #2

Pump Performance

LD Series 50:1 Pumps





LD Series 50:1 Grease Pumps

Technical Specifications

| | |
|---|---|
| Fluid Pressure Ratio | 50:1 |
| Air Motor Effective Diameter | 3 in (76.2 mm) |
| Annual Usage | Up to 7,000 lb (3,175 kg) |
| Maximum Fluid Working Pressure | 7,500 psi (517 bar / 51.7 MPa) |
| Approximate Free Flow Rate @ 100 psi | 4.5 lb/min (2 kg/min) |
| Output per Cycle | 0.34 oz (9.7 g) |
| Approximate Air Use and Flow @ 100 psi (80 cpm) | 16 @ 1.7 lb/min (0.45 @ 0.77 kg/min) |
| Air Inlet | 1/4 in NPT(F) |
| Fluid Outlet | 1/4 in NPT(F) |
| Air Operation Range | 20 psi to 150 psi (1.37 bar to 10.3 bar) |
| Max Recommended Pump Speed | 120 cpm |
| Cycles per Pound (Kg) | 47 cpp (103 cpk) |
| Wetted Parts | Steel, brass, nitrile rubber, polyurethane, UHMWPE, acetal |
| Sound Pressure Level | 72.9 dB(A) |
| Sound Power Level | 82 dB(A) |
| Approximate Weight | 35 lb drum – 11.2 lb (5.1 kg) 120 lb drum – 15.0 lb (6.8 kg) 400 lb drum – 17.0 lb (7.7 kg) |
| Instruction Manual | 3A1334 |

Ordering Information

LD Series 50:1 Pumps

| Part Number | Description |
|-------------|--------------------------|
| 24G600 | For 35 lb (16 kg) pail |
| 24G603 | For 120 lb (55 kg) drum |
| 24G606 | For 400 lb (180 kg) drum |

LD Series 50:1 Grease Pump Packages



Ordering Information

35 lb Grease Packages



| | | | |
|--------------------|---|---|---|
| Package Number | 24J030 | 26C169 | 25C549 |
| Ratio | 50:1 | 50:1 | 50:1 |
| Type of Package | Stationary | Stationary | Mobile |
| Container Size | 35 lb (16 kg) | 35 lb (16 kg) | 35 lb (16 kg) |
| Pump Part Number | 24G600 | 24G600 | 24G600 |
| Hose Kit | 24H862 | – | 24H862 |
| Hose Sizes | Grease 1/4 in ID x 6 ft (1.8 m) Air/Water 3/8 in ID x 6 ft (1.8 m) | Grease – Whip 1/8 in x 1/8 in x 30 in (0.8 m) Grease 1/4 in x 3/8 in x 20 ft (6.1 m) | Grease 1/4 in ID x 6 ft (1.8 m) Air/Water 3/8 in ID x 6 ft (1.8 m) |
| Follower Plate | 24F901 | 24F901 | 24F901 |
| Drum Cover | 24F904 | 24F904 | 24F904 |
| Grease Valve | 129581 | 129581 | 129581 |
| Z-Swivel | 129591 | 129591 | 129591 |
| Fitting(s) | – | 157705 | – |
| Air Regulator | – | 24H420 | – |
| Air Filter | – | 106148 | – |
| Portable Base | – | – | 131183 |
| Instruction Manual | 3A1335 | 3A1335 | 3A1335 |
| CE Package | 24J033 | – | – |



LD Series 50:1 Grease Pump Packages

Ordering Information

120 lb Grease Packages



| | | | | | |
|-----------------------|---|---|---|---|---|
| Package Number | 24J036 | 26C170 | 25C548 | 24J048 | 24J060 |
| Ratio | 50:1 | 50:1 | 50:1 | 50:1 | 50:1 |
| Type of Package | Stationary | Stationary | Mobile | Mobile | Mobile |
| Container Size | 120 lb (54 kg) | 120 lb (54 kg) | 120 lb (54 kg) | 120 lb (54 kg) | 120 lb (54 kg) |
| Pump Part Number | 24G603 | 24G603 | 24G603 | 24G603 | 24G603 |
| Hose Kit | 24H862 | - | 24H862 | 24H862 | 24J501 |
| Hose Sizes | Grease 1/4 in ID x 6 ft (1.8 m) Air/Water 3/8 in ID x 6 ft (1.8 m) | Grease – Whip 1/8 in x 1/8 in x 30 in (0.8 m) Grease 1/4 in x 3/8 in x 20 ft (6.1 m) | Grease 1/4 in ID x 6 ft (1.8 m) Air/Water 3/8 in ID x 6 ft (1.8 m) | Grease 1/4 in ID x 6 ft (1.8 m) Air/Water 3/8 in ID x 6 ft (1.8 m) | Grease 1/4 in ID x 6 ft (1.8 m) Air/Water 3/8 in ID x 6 ft (1.8 m) |
| Follower Plate | 24F902 | 24F902 | 24F902 | 24F902 | 24F902 |
| Drum Cover | 24F905 | 24F905 | 24F905 | 24F905 | 24F905 |
| Grease Valve | 129581 | 129581 | 129581 | 129581 | 129581 |
| Z-Swivel | 129591 | 129591 | 129591 | 129591 | 129591 |
| Fitting(s) | - | 157705 | - | - | - |
| Air Regulator | - | 24H420 | - | - | - |
| Air Filter | - | 106148 | - | - | - |
| Portable Base | - | - | 131184 | 24H422 | 24H422 |
| Hose Reel | - | - | - | - | LD |
| Hose Size | - | - | - | - | 1/4 in x 35 ft |
| Hose Reel Part Number | - | - | - | - | 24H663 |
| Instruction Manual | 3A1335 | 3A1335 | 3A1335 | 3A1335 | 3A1335 |
| CE Package | 24J039 | - | - | 24J051 | 24J063 |

LD Series 50:1 Grease Pump Packages



Ordering Information

400 lb Grease Packages



| | | | | |
|--------------------|---|---|---|---|
| Package Number | 24J042 | 26C171 | 24J054 | 24J066 |
| Ratio | 50:1 | 50:1 | 50:1 | 50:1 |
| Type of Package | Stationary | Stationary | Mobile | Mobile |
| Container Size | 400 lb (180 kg) | 400 lb (180 kg) | 400 lb (180 kg) | 400 lb (180 kg) |
| Pump Part Number | 24G606 | 24G606 | 24G606 | 24G606 |
| Hose Kit | 24H862 | – | 24H862 | 24J501 |
| Hose Sizes | Grease 1/4 in ID x 6 ft (1.8 m) Air/Water 3/8 in ID x 6 ft (1.8 m) | Grease – Whip 1/8 in x 1/8 in x 30 in (0.8 m) Grease 1/4 in x 3/8 in x 20 ft (6.1 m) | Grease 1/4 in ID x 6 ft (1.8 m) Air/Water 3/8 in ID x 6 ft (1.8 m) | Grease 1/4 in ID x 6 ft (1.8 m) Air/Water 3/8 in ID x 6 ft (1.8 m) |
| Follower Plate | 24F903 | 24F902 | 24F903 | 24F903 |
| Drum Cover | 24F906 | 24F905 | 24F906 | 24F906 |
| Grease Valve | 129581 | 129581 | 129581 | 129581 |
| Z-Swivel | 129591 | 129591 | 129591 | 129591 |
| Fitting(s) | – | 157705 | – | – |
| Air Regulator | – | 24H420 | – | – |
| Air Filter | – | 106148 | – | – |
| Type of Reel | – | – | – | LD |
| Reel Size | – | – | – | 1/4 in x 35 ft |
| Reel Part Number | – | – | – | 24H663 |
| Portable Base | – | – | 24F915 | 24F915 |
| Instruction Manual | 3A1335 | 3A1335 | 3A1335 | 3A1335 |
| CE Package | 24J045 | – | 24J057 | 24J069 |



LD Series 50:1 Grease Pump Accessories

LD Pro-Shot™ Non-Metered Grease Valves



- Rugged design for harsh environments
- Pressure-assisted trigger for ease of operation
- Easy adjustment with top locking nut
- 6 in steel extension with heavy-duty coupler

Technical Specifications

| | |
|--------------|--------------------------------|
| Pressure | 7,500 psi (517 bar / 51.7 MPa) |
| Wetted Parts | Steel, nitrile rubber, PTFE |
| Inlet Size | 1/4 in |

Ordering Information

| Part Number | Description |
|-------------|---------------------------------------|
| 129581 | LD Pro Shot Grease Valve, 1/4 in NPT |
| 129582 | LD Pro Shot Grease Valve, 1/4 in BSPP |
| 129583 | LD Pro Shot Grease Valve, 1/4 in BSPT |

LD Z-Swivel



- Swivels to prevent twist damage to hoses
- Constructed of heavy-duty steel and ball bearings for smooth and unrestricted movement

Technical Specifications

| | |
|------------|--------------------------------|
| Pressure | 6,000 psi (413 bar / 41.3 MPa) |
| Inlet Size | 1/4 in |

Ordering Information

| Part Number | Description |
|-------------|-----------------------|
| 129591 | Z-swivel, 1/4 in NPT |
| 129592 | Z-swivel, 1/4 in BSPP |
| 129593 | Z-swivel, 1/4 in BSPT |

LD Series 50:1 Grease Pump Accessories



Ordering Information

Adjustable Bung Adapter

|  | Part Number | Description |
|---|-------------|--------------------------------------|
| | 24P623 | Adjustable bung adapter for LD pumps |

Air Regulators

|  | Part Number | Description |
|---|-------------|--|
| | 24H420 | Mini self-relieving air regulator with gauge, 1/4 in NPT x 3/8 in npsm |

Carts

|  | Part Number | Description |
|--|-------------|--|
| | 24H422 | Drum cart with pneumatic wheels for 120 lb drums; includes chain for securing drum to cart |
| | 24F915 | Drum cart with pneumatic wheels for 400 lb drums; includes chain for securing drum to cart |

Drum Covers

|  | Part Number | Description |
|---|-------------|---|
| | 24F904 | Cover for 35 lb (16 kg) pails |
| | 24F905 | Cover for open-head 120 lb (54 kg) drums |
| | 24F906 | Cover for open-head 400 lb (182 kg) drums |

LD Drum Dollies

|  | Part Number | Description |
|---|-------------|-----------------------------|
| | 131183 | Drum Dolly, 35 lb (16 kg) |
| | 131184 | Drum Dolly, 120 lb (54 kg) |
| | 129645 | Drum Dolly, 400 lb (182 kg) |

Follower Plates

|  | Part Number | Description |
|---|-------------|--|
| | 24F901 | Follower plate for 35 lb (16 kg) pails |
| | 24F902 | Follower plate for 120 lb (54 kg) drums |
| | 24F903 | Follower plate for 400 lb (182 kg) drums |

Hose and Fitting Kits

| | Part Number | Description | Includes | | | | |
|---|-------------|------------------------------|-------------|--------------------------------------|----------|---------------|---------|
| | | | Grease Hose | Grease Hose Size | Air Hose | Air Hose Size | Fitting |
|  | 24H862 | 6 ft LD grease pump hose kit | 24H606 | 1/4 in NPT(M) x 1/4 in NPT(M) x 6 ft | 24H858 | 3/8 in x 6 ft | 156823 |
|  | 24J501 | 6 ft LD grease pump hose kit | 24J487 | 1/4 in NPT(M) x 1/4 in NPT(M) x 6 ft | 24H858 | 3/8 in x 6 ft | 156823 |