LD SERIES OIL PUMPS

DURABLE AND HARDWORKING

Stay ahead of the competition with LD Series pumps. These affordable and full-featured pumps are designed for lower-volume applications. LD pumps are fine-tuned for a compact, flexible and durable 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.

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.

Three Inch Air Motor

Provides more power to create better flow.

Built-In Thermal Relief and Inlet Strainer

Built-in thermal relief protects your equipment from thermal expansion, and an inlet strainer is built in to protect pump from contaminants.

TYPICAL APPLICATIONS

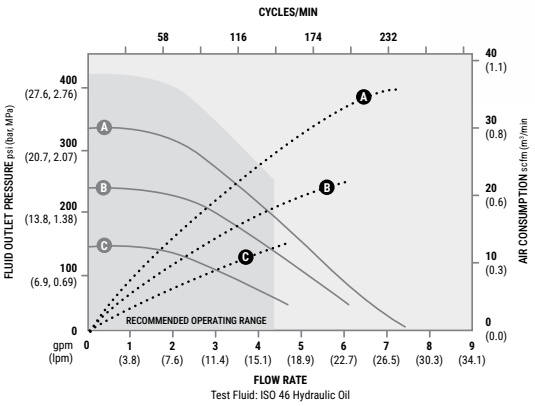
- Automotive dealerships
- Fast lube centers
- Service shops

TYPICAL FLUIDS

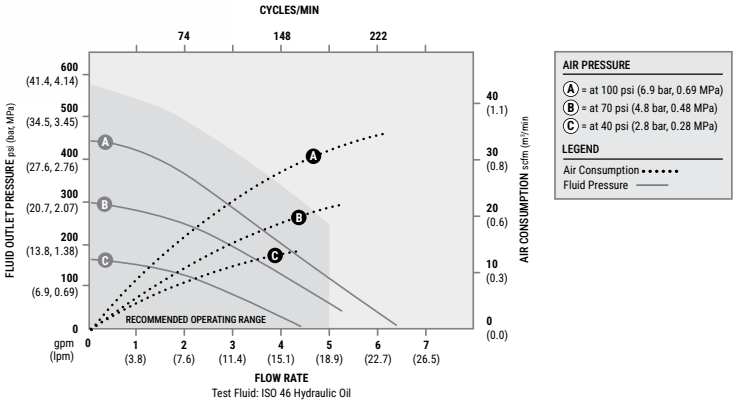
- Petroleum- and synthetic-based oils (motor, gear and ATF)

PUMP PERFORMANCE

LD SERIES 3:1 PUMPS



LD SERIES 5:1 PUMPS



TECHNICAL SPECIFICATIONS

	LD Series 3:1	LD Series 5:1
Fluid Pressure Ratio	3:1	5:1
Air Motor Effective Diameter	3 in (76.2 mm)	3 in (76.2 mm)
Maximum Fluid Working Pressure	450 psi (31 bar / 3.1 MPa)	750 psi (51.7 bar / 5.17 MPa)
Approximate Free Flow Rate @ 100 psi	7.8 gal/min (30 liters/min)	6.7 gal/min (25 liters/min)
Output per Cycle	131 cc	102 cc
Approximate Air Use and Flow @ 100 psi (80 cpm)	18 scfm @ 2.8 gpm (0.51 m^3/min @ 10.6 lpm)	18 scfm @ 2.1 gpm (0.51 m^3/min @ 8.0 lpm)
Air Inlet	1/4 in	1/4 in
Fluid Inlet	1 in	1 in
Fluid Outlet	1/2 in	1/2 in
Air Operation Range	20 psi to 150 psi (1.37 bar to 10.3 bar)	20 psi to 150 psi (1.37 bar to 10.3 bar)
Maximum Recommended Pump Speed	120 cpm	180 cpm
Cycles per Gallon (liter)	29 (7.7)	37 (9.8)
Wetted Parts	Zinc plated carbon, steel, aluminum, nitrile, polyurethane, nickel plated aluminum	Zinc plated carbon, steel, aluminum, nitrile, polyurethane, nickel plated aluminum
Sound Pressure Level	72.9 dB(A)	72.9 dB(A)
Sound Power Level	82 dB(A)	82 dB(A)
Approximate Weight	7 lb (3.2 kg)	7.7 lb (3.5 kg)
Instruction Manual	3A1334	3A1334

ORDERING OPTIONS

LD SERIES 3:1 PUMPS

Part Number	Description
24G576	3:1 Universal oil pump with bung adapter (24F918)
24G579	3:1 Oil pump with cut-to-length PVC downtube (16F878) and bung adapter (24F918)
24G582	3:1 Oil pump with 55 gal (200 liter) downtube (16F886) and bung adapter (24F918)
24G585	3:1 Oil pump with 275 gal (1,040 liter) steel downtube (16F885) and bung adapter (24F918)

LD SERIES 5:1 PUMPS

Part Number	Description
24G588	5:1 Universal oil pump with bung adapter (24F918)
24G591	5:1 Oil pump with cut-to-length PVC downtube (16F878) and bung adapter (24F918)
24G594	5:1 Oil pump with 55 gal (200 liter) steel downtube (16F886) and bung adapter (24F918)
24G597	5:1 Oil pump with 275 gal (1,040 liter) steel downtube (16F885) and bung adapter (24F918)

LD SERIES 3:1 OIL PUMP PACKAGES

ORDERING OPTIONS

MOBILE OIL PACKAGES – CART

Self-relieving air regulator must be used for LD pump thermal relief function. Order regulator 24H420 or filter-regulator 133215 separately.

Package Number	24H751	24H750	24H753	24H752	24H775	24H774	24H777	24H776
Ratio	3:1	3:1	3:1	3:1	3:1	3:1	3:1	3:1
Pump Part Number	24G576	24G576	24G576	24G576	24G576	24G576	24G576	24G576
Suction Tube Size	200 L	200 L	200 L	200 L	200 L	200 L	200 L	200 L
Pump Downtube	16F886	16F886	16F886	16F886	16F886	16F886	16F886	16F886
Meter Type	Manual	Manual	Preset	Preset	Manual	Manual	Preset	Preset
Meter Part Number	25C903	25C904	256216	255277	25C903	25C904	256216	255277
Meter Extension	Rigid	Flexible	Rigid	Flexible	Rigid	Flexible	Rigid	Flexible
Hose Kit	24J495	24J495	24J495	24J495	24H865	24H865	24H865	24H865
Hose Reel Type	LDX	LDX	LDX	LDX	–	–	–	–
Hose Size	1/2 in x 50 ft	1/2 in x 50 ft	1/2 in x 50 ft	1/2 in x 50 ft	–	–	–	–
Hose Reel	HEM004	HEM004	HEM004	HEM004	–	–	–	–
55 gal Cart	24F915	24F915	24F915	24F915	24F915	24F915	24F915	24F915
Instruction Manual	3A1335	3A1335	3A1335	3A1335	3A1335	3A1335	3A1335	3A1335

Package 24H775 installed on a 55 gallon drum (not included in package).

ORDERING OPTIONS

MOBILE OIL PACKAGES – DOLLY

Self-relieving air regulator must be used for LD pump thermal relief function. Order regulator 24H420 or filter-regulator 133215 separately.

Package Number	25C551	25C553	25C550	25C552
Ratio	3:1	3:1	3:1	3:1
Pump Part Number	24G576	24G576	24G576	24G576
Container Size	16 gal (120 lb)	16 gal (120 lb)	55 gal (400 lb)	55 gal (400 lb)
Pump Downtube	16F878	16F878	16F886	16F886
Meter Type	Manual	Preset	Manual	Preset
Meter Part Number	25C903	256216	25C903	256216
Meter Extension	Rigid	Rigid	Rigid	Rigid
Hose Kit	24H865	24H865	24H865	24H865
Portable Base	131184	131184	129645	129645
Instruction Manual	3A1335	3A1335	3A1335	3A1335

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LD SERIES 3:1 OIL PUMP PACKAGES

ORDERING OPTIONS

WALL MOUNT OIL PACKAGES

Self-relieving air regulator must be used for LD pump thermal relief function. Order regulator 24H420 or filter-regulator 133215 separately.

Package Number	24H689	24H695
Ratio	3:1	3:1
Pump Part Number	24G576	24G576
Suction Tube Size	55 gal drum	275 gal tote
Suction Hose Kit	24F935	24H666
Hose Kit	–	24H859
Wall Mount Bracket	24F910	24F910
Instruction Manual	3A1335	3A1335

Package 24H695 installed on a 275 gallon tote (not included in package).

Stationary Oil Packages

Self-relieving air regulator must be used for LD pump thermal relief function. Order regulator 24H420 or filter-regulator 133215 separately.

Package Number	24H800	24H799	24H802	24H801
Ratio	3:1	3:1	3:1	3:1
Pump Part Number	24G576	24G576	24G576	24G576
Suction Tube Size	Universal	Universal	Universal	Universal
Pump Downtube	16F878	16F878	16F878	16F878
Meter Type	Manual	Manual	Preset	Preset
Meter Part Number	25C903	25C904	256216	255277
Meter Extension	Rigid	Flexible	Rigid	Flexible
Hose Kit	24H859	24H859	24H859	24H859
Instruction Manual	3A1335	3A1335	3A1335	3A1335

ORDERING OPTIONS

STATIONARY OIL PACKAGES – TOTE

Standard packages include LD Series hose reel. Self-relieving air regulator must be used for LD pump thermal relief function. Order regulator 24H420 or filter-regulator 133215 separately.

Package Number	24H702	24H704	24H726	24H728
Ratio	3:1	3:1	3:1	3:1
Pump Part Number	24G576	24G576	24G576	24G576
Suction Tube Size	275 gal (1,040 l)	275 gal (1,040 l)	275 gal (1,040 l)	275 gal (1,040 l)
Pump Downtube	16F885	16F885	24H669	24H669
Mounting Position	Top	Top	Drain	Drain
Reel Type	LDX	LDX	LDX	LDX
Hose Reel Part Number	HEM004	HEM004	HEM004	HEM004
Hose Size	1/2 in x 35 ft	1/2 in x 35 ft	1/2 in x 35 ft	1/2 in x 35 ft
Reel Bracket Kit	24K285	24K285	24K285	24K285
Meter Type	Manual	Preset	Manual	Preset
Meter Part Number	25C903	256216	25C903	256216
Meter Extension	Rigid	Rigid	Rigid	Rigid
Hose Kit	6 ft x 3/8 in air hose / 6 ft x 1/2 in fluid hose	6 ft x 3/8 in air hose / 6 ft x 1/2 in fluid hose	6 ft x 3/8 in air hose / 6 ft x 1/2 in fluid hose	6 ft x 3/8 in air hose / 6 ft x 1/2 in fluid hose
Hose Kit Part Number	24J495	24J495	24J495	24J495
Top Mount Tote Bracket	24F930	24F930	24F931	24F931
Tote Mount Pump Bracket	–	–	24F920	24F920
Meter Tray	24F914	24F914	24F914	24F914
Instruction Manual	3A1335	3A1335	3A1335	3A1335

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LD SERIES 3:1 OIL PUMP PACKAGES

ORDERING OPTIONS

DELUXE STATIONARY OIL PACKAGES – TOTE

Deluxe packages include SDX Series hose reel. Self-relieving air regulator must be used for LD pump thermal relief function. Order regulator 24H420 or filter-regulator 133215 separately.

Package Number	24K838	24K842
Ratio	3:1	3:1
Pump Part Number	24G576	24G576
Suction Tube Length	275 gal (1,040 l)	275 gal (1,040 l)
Pump Downtube	16F885	16F885
Reel Type	SDX	SDX
Hose Reel Part Number	SDM6HB	SDM6HB
Meter Type	Preset	Manual
Meter Part Number	256216	25C904
Meter Extension	Rigid	Flexible
Hoses and Fittings	24J495	24J495
Top Mount Tote Bracket	24F930	24F930
SDX Reel/IBC Tote Bracket	24K285	24K285
Meter Tray	24F914	24F914
Instruction Manual	3A1335	3A1335

ORDERING OPTIONS

TANK MOUNT OIL PACKAGES

Self-relieving air regulator must be used for LD pump thermal relief function. Order regulator 24H420 or filter-regulator 133215 separately.

Package Number	24J776	24J733	24J734	24K836
Ratio	3:1	3:1	3:1	3:1
Pump Part Number	24G576	24G576	24G576	24G576
Hose Reel Type	LDX	SDX	SDX	SDX
Hose Reel	HEM004	SDM65B	SDM65B	SDM65B
Meter Type	Manual	Manual	Preset	Manual
Meter Part Number	25C903	25C903	256216	25C904
Meter Extension	Rigid	Rigid	Rigid	Flexible
Inlet Kit	25U371	218549	218549	218549
Instruction Manual	3A1335	3A1335	3A1335	3A1335

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LD SERIES 3:1 OIL PUMP PACKAGES

ORDERING OPTIONS

DELUXE TANK MOUNT OIL PACKAGES

Deluxe packages include SDX hose reel, air and fluid hoses with fittings, and mini air regulator.

Package Number	24K777	24K797	24K799	24K834
Ratio	3:1	3:1	3:1	3:1
Pump Part Number	24G576	24G576	24G576	24G576
Hose Reel Type	SDX	SDX	SDX	SDX
Hose Size	1/2 in x 50 ft	1/2 in x 50 ft	1/2 in x 50 ft	1/2 in x 35 ft
Hose Reel	SDM65B	SDM65B	SDM65B	SDM33B
Meter Type	Preset	Manual	Manual	Manual
Meter Part Number	256216	25C903	25C904	25C903
Meter Extension	Rigid	Rigid	Flexible	Rigid
Air and Fluid Hoses with Fittings	24J495	24J495	24J495	24J495
Mini Air Regulator with Gauge	24H420	24H420	24H420	24H420
Instruction Manual	3A1335	3A1335	3A1335	3A1335

LD SERIES 5:1 OIL PUMP PACKAGES

ORDERING OPTIONS

MOBILE OIL PACKAGES – CART

Self-relieving air regulator must be used for LD pump thermal relief function. Order regulator 24H420 or filter-regulator 133215 separately.

Package Number	24H916	24H915	24H918	24H917	24H941	24H940	24H943	24H942
Ratio	5:1	5:1	5:1	5:1	5:1	5:1	5:1	5:1
Pump Part Number	24G588	24G588	24G588	24G588	24G588	24G588	24G588	24G588
Suction Tube Size	200 L	200 L	200 L	200 L	200 L	200 L	200 L	200 L
Pump Downtube	16F886	16F886	16F886	16F886	16F886	16F886	16F886	16F886
Meter Type	Manual	Manual	Preset	Preset	Manual	Manual	Preset	Preset
Meter Part Number	25C903	25C904	256216	255277	25C903	25C904	256216	255277
Meter Extension	Rigid	Flexible	Rigid	Flexible	Rigid	Flexible	Rigid	Flexible
Hose Kit	24J495	24J495	24J495	24J495	24H865	24H865	24H865	24H865
Hose Reel Type	LDX	LDX	LDX	LDX	–	–	–	–
Hose Size	1/2 in x 50 ft	1/2 in x 50 ft	1/2 in x 50 ft	1/2 in x 50 ft	–	–	–	–
Hose Reel	HEM004	HEM004	HEM004	HEM004	–	–	–	–
55 gal Cart	24F915	24F915	24F915	24F915	24F915	24F915	24F915	24F915
Instruction Manual	3A1335	3A1335	3A1335	3A1335	3A1335	3A1335	3A1335	3A1335

Package 24H941 installed on a 55 gallon drum

LD SERIES 5:1 OIL PUMP PACKAGES

ORDERING OPTIONS

MOBILE OIL PACKAGES – DOLLY

Self-relieving air regulator must be used for LD pump thermal relief function. Order regulator 24H420 or filter-regulator 133215 separately.

Package Number	25C555	25C557	25C554	25C556
Ratio	5:1	5:1	5:1	5:1
Pump Part Number	24G588	24G588	24G588	24G588
Container Size	16 gal (120 lb)	16 gal (120 lb)	55 gal (400 lb)	55 gal (400 lb)
Pump Downtube	16F878	16F878	16F886	16F886
Meter Type	Manual	Preset	Manual	Preset
Meter Part Number	25C903	256216	25C903	256216
Meter Extension	Rigid	Rigid	Rigid	Rigid
Hose Kit	24H865	24H865	24H865	24H865
Portable Base	131184	131184	129645	129645
Instruction Manual	3A1335	3A1335	3A1335	3A1335

ORDERING OPTIONS

WALL MOUNT OIL PACKAGES

Self-relieving air regulator must be used for LD pump thermal relief function. Order regulator 24H420 or filter-regulator 133215 separately.

Package Number	24H836	24H842
Ratio	5:1	5:1
Pump Part Number	24G588	24G588
Suction Tube Size	55 gal drum	275 gal tote
Suction Hose Kit	24F935	24H666
Hose Kit	–	24H859
Wall Mount Bracket	24F910	24F910
Instruction Manual	3A1335	3A1335

Package 24H842 installed on a 275 gallon tote (not included in package).

STATIONARY OIL PACKAGES

Self-relieving air regulator must be used for LD pump thermal relief function. Order regulator 24H420 or filter-regulator 133215 separately.

Package Number	24H965	24H964	24H967	24H966
Ratio	5:1	5:1	5:1	5:1
Pump Part Number	24G588	24G588	24G588	24G588
Suction Tube Size	Universal	Universal	Universal	Universal
Pump Downtube	16F878	16F878	16F878	16F878
Meter Type	Manual	Manual	Preset	Preset
Meter Part Number	25C903	25C904	256216	255277
Meter Extension	Rigid	Flexible	Rigid	Flexible
Hose Kit	24H859	24H859	24H859	24H859
Instruction Manual	3A1335	3A1335	3A1335	3A1335

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LD SERIES 5:1 OIL PUMP PACKAGES

ORDERING OPTIONS

STATIONARY OIL PACKAGES – TOTE

Standard packages include LD Series hose reel. Self-relieving air regulator must be used for LD pump thermal relief function. Order regulator 24H420 or filter-regulator 133215 separately.

Package Number	24H868	24H870	24H892	24H894
Ratio	5:1	5:1	5:1	5:1
Pump Part Number	24G588	24G588	24G588	24G588
Suction Tube Size	275 gal (1,040 l)	275 gal (1,040 l)	275 gal (1,040 l)	275 gal (1,040 l)
Pump Downtube	16F885	16F885	24H669	24H669
Mounting Position	Top	Top	Drain	Drain
Reel Type	LDX	LDX	LDX	LDX
Hose Reel Part Number	HEM004	HEM004	HEM004	HEM004
Hose Size	1/2 in x 35 ft	1/2 in x 35 ft	1/2 in x 35 ft	1/2 in x 35 ft
Reel Bracket Kit	24K285	24K285	24K285	24K285
Meter Type	Manual	Preset	Manual	Preset
Meter Part Number	25C903	256216	25C903	256216
Meter Extension	Rigid	Rigid	Rigid	Rigid
Hose Kit	6 ft x 3/8 in air hose / 6 ft x 1/2 in fluid hose	6 ft x 3/8 in air hose / 6 ft x 1/2 in fluid hose	6 ft x 3/8 in air hose / 6 ft x 1/2 in fluid hose	6 ft x 3/8 in air hose / 6 ft x 1/2 in fluid hose
Hose Kit Part Number	24J495	24J495	24J495	24J495
Top Mount Tote Bracket	24F930	24F930	24F931	24F931
Tote Mount Pump Bracket	–	–	24F920	24F920
Meter Tray	24F914	24F914	24F914	24F914
Instruction Manual	3A1335	3A1335	3A1335	3A1335

ORDERING OPTIONS

DELUXE STATIONARY OIL PACKAGES – TOTE

Deluxe packages include SDX Series hose reel. Self-relieving air regulator must be used for LD pump thermal relief function. Order regulator 24H420 or filter-regulator 133215 separately.

Package Number	24K839	24K843
Ratio	5:1	5:1
Pump Part Number	24G588	24G588
Suction Tube Length	275 gal (1,040 l)	275 gal (1,040 l)
Pump Downtube	16F885	16F885
Reel Type	SDX	SDX
Hose Reel Part Number	SDM65B	SDM65B
Hose Reel Bracket	24K285	24K285
Meter Type	Preset	Manual
Meter Part Number	256216	25C904
Meter Extension	Rigid	Flexible
Hoses and Fittings	24J495	24J495
Top Mount Tote Bracket	24F930	24F930
Meter Tray	24F914	24F914
Instruction Manual	3A1335	3A1335

LD SERIES 5:1 OIL PUMP PACKAGES

ORDERING OPTIONS

OIL PACKAGES – TANK MOUNT

Self-relieving air regulator must be used for LD pump thermal relief function. Order regulator 24H420 or filter-regulator 133215 separately.

Package Number	24J777	24J735	24J736	24K837
Ratio	5:1	5:1	5:1	5:1
Pump Part Number	24G588	24G588	24G588	24G588
Reel Type	LDX	SDX	SDX	SDX
Hose Reel Part Number	HEM004	SDM65B	SDM65B	SDM65B
Meter Type	Manual	Manual	Preset	Manual
Meter Part Number	25C903	25C903	256216	25C904
Meter Extension	Rigid	Rigid	Rigid	Flexible
Inlet Kit	25U371	218549	218549	218549
Instruction Manual	3A1335	3A1335	3A1335	3A1335

ORDERING OPTIONS

DELUXE OIL PACKAGES – TANK MOUNT

Deluxe packages include SDX hose reel, air and fluid hoses with fittings, and mini air regulator.

Package Number	24K796	24K798	24K800	24K835
Ratio	5:1	5:1	5:1	5:1
Pump Part Number	24G588	24G588	24G588	24G588
Reel Type	SDX	SDX	SDX	SDX
Hose Size	1/2 in x 50 ft (12.7 mm x 15 m)	1/2 in x 50 ft (12.7 mm x 15 m)	1/2 in x 50 ft (12.7 mm x 15 m)	1/2 in x 35 ft (12.7 mm x 10.6 m)
Hose Reel Part Number	SDM65B	SDM65B	SDM65B	SDM33B
Meter Type	Preset	Manual	Manual	Manual
Meter Part Number	256216	25C903	25C904	25C903
Meter Extension	Rigid	Rigid	Flexible	Rigid
Air and Fluid Hoses with Fittings	24J495	24J495	24J495	24J495
Mini Air Regulator with Gauge	24H420	24H420	24H420	24H420
Instruction Manual	3A1335	3A1335	3A1335	3A1335

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