









Graco Dispense Valves and Guns Selection Guide

Grease Valves

	Fluid	Type	Maximum Working Pressure	Maximum Flow Rate	Intended Use	Warranty	Reference Pages
Accu-Shot™ 	NLGI #2	Metered	8,000 psi (552 bar)	2 lb/min 1 kg/min	Indoor/ Outdoor	1 year	140
Pro Shot™ 	Grease up to NLGI #2	Non-Metered	8,000 psi (552 bar)	2 lb/min 1 kg/min	Indoor/ Outdoor	1 year	141
Power Shot™ 	Grease up to NLGI #2	Booster	Supply 5,000 psi (345 bar) Output 18,000 psi (1,242 bar)	N/A	Indoor/ Outdoor	1 year	142

Grease Guns

	Fluid	Style	Maximum Working Pressure	Loading	Intended Use	Warranty	Reference Pages
Manual 	Grease up to NLGI #2	Lever	6,000 psi to 10,000 psi (414 bar to 690 bar)	Cartridge/ bulk fill/ loader fill/ suction	Indoor/ Outdoor	1 year	143
Pneumatic 	Grease up to NLGI #2	Pistol	6,000 psi (414 bar)	Bulk fill/ loader fill	Indoor/ Outdoor	1 year	143
Booster 	Grease up to NLGI #2	Pistol	10,000 psi (690 bar)	Loader fill	Indoor/ Outdoor	1 year	143

Accu-Shot™ Metered Grease Valve



**1 Year
Warranty!**

For Heavy-Duty Applications

Designed to perform in heavy-equipment shops, fleet maintenance shops, municipal garages and higher-volume in-plant applications with longer plumbing runs and larger fluid usage.



Easy-to-Read LCD

Easily reset electronic display.

Accurate Grease Metering

± 3% accuracy with ± 1% repeatability.

Battery Powered

Utilizes two standard AA alkaline batteries.

Handles Pressure Up to 5,000 psi (345 bar)

Flow up to 36 oz/min (1 kg/min).

Typical Applications

- Fleet services facilities
- Heavy-duty dealerships
- In-plant
- Lube trucks
- Mining

Typical Fluids Handled

- Grease up to NLGI #2

Technical Specifications

Maximum Working Pressure	5,000 psi (345 bar)
Metering System	Oval gears
Accuracy	± 3% with grease consistency (grade NLGI) 2/3
Repeatability (typical)	± 1% with grease consistency (grade NLGI) 2/3
Storage Temperature Range	-4°F to 158°F (-20°C to 170°C)
Operating Temperature Maximum	95 (%RU)
Battery	Standard alkaline batteries 2 x 1.5 Volt Size AA
Battery Life	18 to 24 months (depends on usage)
Dimensions (without extension)	8.8 in L x 1.8 in W x 4.4 H (22.4 cm L x 4.6 cm W x 11.2 cm H)
Weight	2.2 lb (1.0 kg)
Warranty	One year
Instruction Manual	309454

» Ordering Information

Part Number	Description	Includes
233807	U.S. measurement, includes extension and hydraulic coupler	Standard nozzle extension (200389) and 1/4 in NPT inlet
233933	Metric measurement, includes extension and hydraulic coupler	

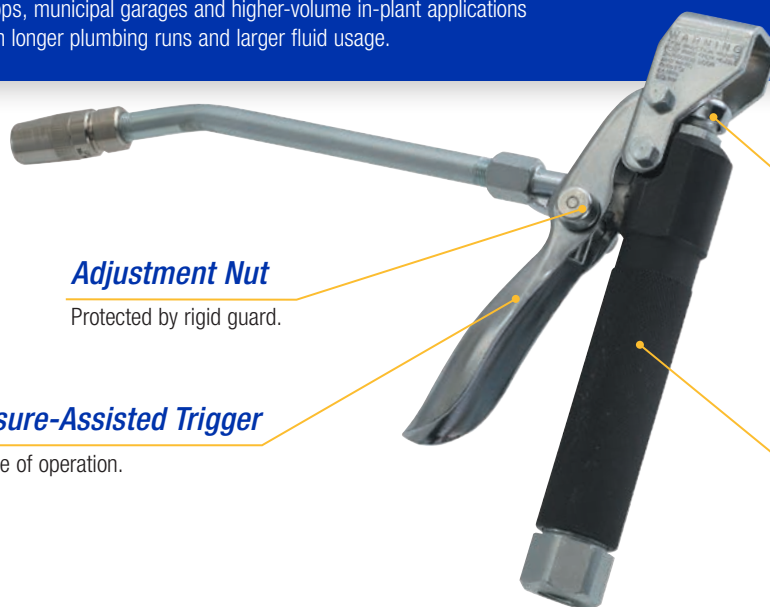


Pro Shot™ Non-Metered Grease Valve

For Heavy-Duty Applications

Designed to perform in heavy-equipment shops, fleet maintenance shops, municipal garages and higher-volume in-plant applications with longer plumbing runs and larger fluid usage.

**1 Year
Warranty!**



Adjustment Nut

Protected by rigid guard.

Easy Top Adjustment

With locking nut.

Pressure-Assisted Trigger

For ease of operation.

Rugged Design

For harsh environments.

Typical Applications

- Fleet services facilities
- Heavy-duty dealerships
- In-plant
- Lube trucks
- Mining

Typical Fluids Handled

- Grease up to NLGI #2

Technical Specifications

Maximum Working Pressure	8,000 psi (552 bar)
Inlet Size	1/4 in or 3/8 in
Wetted Parts	Chrome vanadium, polyurethane, brass, carbon steel, alloy steel
Warranty	One year
Instruction Manual	309032

Grease Dispense Valves and Guns

Ordering Information

	Description	NPT		BSPT		BSPP	
		1/4 in	3/8 in	1/4 in	3/8 in	1/4 in	3/8 in
	Non-metered grease valve with standard nozzle extension (200389)	242056	242058	24H400	24H402	24H404	24H406
	Bare non-metered grease valve only	242055	242057	24H399	24H401	24H403	24H405
	Non-metered grease valve package. Includes Grease Valve (242056), Z-Swivel (202577) and Whip Hose (109148).	224872	—	—	—	—	—
	Non-metered grease valve package. Includes Grease Valve (242055), coupler (200325) and Whip Hose (109145).	26C184	—	—	—	—	—

Power-Shot™ Booster Valve



For Heavy-Duty Applications

Designed to perform in heavy-equipment shops, fleet maintenance shops, municipal garages and higher-volume in-plant applications with longer plumbing runs and larger fluid usage.



*Boosts Incoming Pressure
Up to 18,000 psi (1,242 bar)*

*Maximum Inlet Pressure
of 5,000 psi (345 bar)*

Typical Applications

- Fleet services facilities
- Heavy-duty dealerships
- In-plant
- Lube trucks
- Mining

Typical Fluids Handled

- Grease up to NLGI #2

Technical Specifications

Maximum Input Pressure	5,000 psi (34 MPa, 345 bar)
Maximum Delivery Pressure	Up to 18,000 psi (124 MPa, 1241 bar)
Inlet Size	1/8 NPT female
Wetted Parts	Alloy steel, carbon steel, chrome alloy, copper, leather
Weight	3 lb (1.4 kg)
Height	7 in (178 mm)
Length	11.675 in (296 mm)
Warranty	One year
Instruction Manual	306271

Ordering Information

Part Number	Description
202600	1/8 NPT(F) Power Shot booster Valve. Includes nozzle (200389)

Accessories

Part Number	Description
202579	Hose swivel (must be ordered separately)

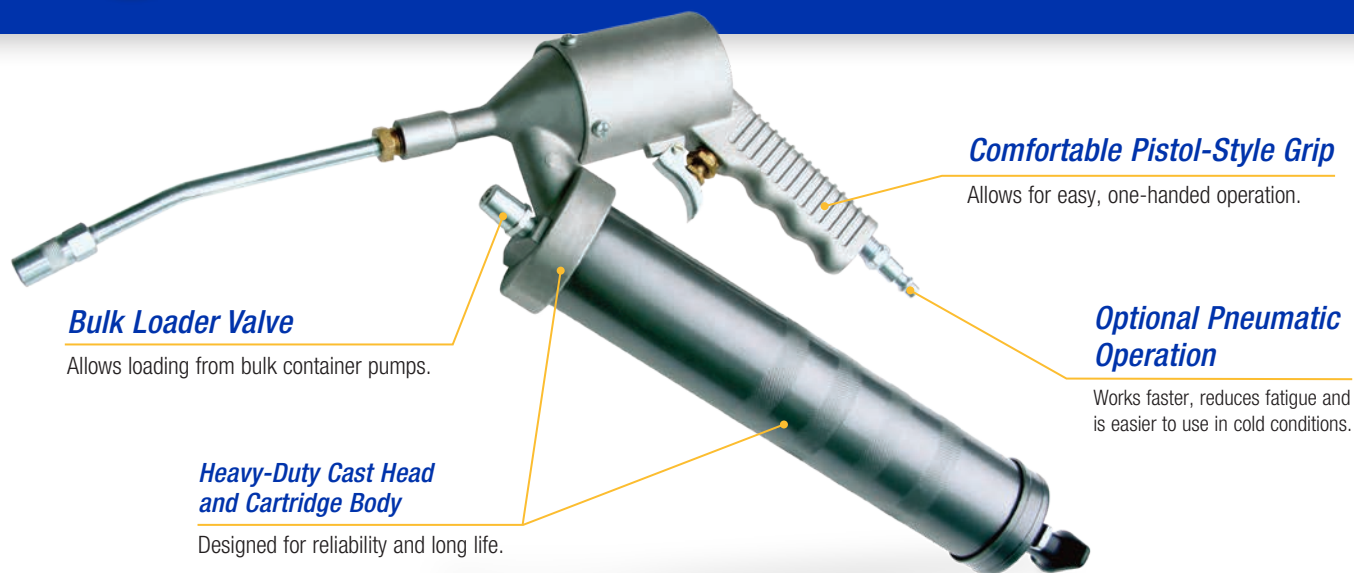


Heavy-Duty Grease Guns








**1 Year
Warranty!**

Lever-Action and Pistol-Style Grease Dispensing Guns

Durable design for years of trouble-free use in demanding environments. Reduces downtime and is easy to load – two- or three-way loading capability makes it easy to keep on greasing.



Ordering Information


	Part Number	Style	Gun Type	Pressure psi (bar)	Loading	Includes
	112196	Pneumatic	Pistol	6,000 (414)	Bulk fill/ loader fill	Rigid extension and hydraulic coupler
	203697	Booster	Pistol	10,000 (690)	Loader fill	Rigid extension
	110218	Manual	Lever	6,000 (414)	Cartridge/bulk fill	Rigid extension and hydraulic coupler
	110216			10,000 (690)	Cartridge/ bulk fill/ loader fill	Rigid extension, hydraulic coupler and air bleeder valve
	110203		Pistol			Rigid extension, hydraulic coupler and air bleeder valve
	110202					12 in (30.4 cm) flexible extension, hydraulic coupler and air bleeder valve
	110201			Suction	—	Suction

Accessories


	Part Number	Description
109145	109145	12 in (30.4 cm) clear plastic hose without coupler
	112255	18 in (45.8 cm) clear plastic hose without coupler

Ordering Information


Z-Swivels

	Maximum Working Pressure psi (bar)	Inlet	Outlet	Thread	Part Number
	6,500 (450)	1/8 in	1/4 in	NPT	202579
	6,500 (450)	1/4 in	1/4 in	NPT	202577
	6,500 (450)	3/8 in	3/8 in	NPT	224569
	6,000 (414)	1/2 in	1/2 in	NPT	207948
	6,500 (450)	1/4 in	1/4 in	BSPT	24H614
	6,500 (450)	1/4 in	1/4 in	BSPP	24H615

Straight Swivels

	Maximum Working Pressure psi (bar)	NPT		Part Number
		Inlet	Outlet	
	8,000 (500)	1/8 in	1/8 in	204082
	8,000 (500)	1/4 in	1/8 in	204083
	8,000 (500)	1/4 in	1/4 in	204084
	6,000 (414)	1/2 in	1/2 in	207947
	5,000 (345)	3/8 in	1/2 in	214926
	5,000 (345)	3/8 in	1/2 in	214946
	5,000 (345)	1/2 in	1/2 in	207946

360° Swivels

	Part Number	Includes	
		Fitting	Coupler
	203597	203198	200325
	203198	203198	—

Nozzles

Part Number	Description
200389	Standard nozzle. Includes straight 6 in (15.2 cm), 1/8 NPT(M) extension tube (197471) and tapered nose coupler (200325).
204072	Swivel nozzle. Includes straight 6 in (15.2 cm), 1/8 NPT(M) extension tube (197471) and tapered nose coupler (200325). Coupler has 360° swivel adapter (203198) for added convenience.
204897	Swivel nozzle. Includes straight 12 in (30.4 cm), 1/8 NPT(M) extension tube (155836) and tapered nose coupler (200325). Coupler has 360° swivel adapter (203198) for added convenience.
204204*	Flexible 12 in (30.4 cm) hose nozzle. 1/8 NPT(M) includes tapered-nose coupler (200325).
203504*	Flexible 12 in (30.4 cm) hose nozzle. 1/8 NPT(M) includes tapered-nose coupler (200325) and lock-sleeve connector (203497) for quick connection to any grease nozzle having tapered-nose coupler.
109145	12 in (30.4 cm) hose nozzle without coupler.
112255	18 in (45.8 cm) hose nozzle without coupler.
109148*	30 in (76.2 cm) hose nozzle without coupler, has 1/8 NPT(M) both ends. Use as alternate for rigid nozzle with tapered-nose coupler 200325.

*Warning: Potential injection hazard. Not for use above 5,000 psi (345 bar).



200389



204072

Ordering Information

Couplers

Part Number	Description
200325	1/8 NPT(F) inlet standard tapered-nose coupler. Hardened jaws grip grease fittings through wide-sealing angle, but release easily. Maximum working pressure 8,000 psi (551 bar).
202650	1/8 NPT(F) inlet standard straight-nose grease coupler for manual operated grease guns only. Maximum working pressure 3,000 psi (206 bar).
200020	1/8 NPT(F) inlet standard button-head coupler. Gives fast, positive seal on button-head fittings.
200021	1/8 NPT(F) inlet giant button-head coupler. Gives fast, positive seal on larger button-head fittings.



200325



200020

Adapters

Adapters have lock-sleeve quick-connector; works with any grease nozzle with a tapered-nose coupler.

Part Number	Description
201881	Hydraulic-to-push adapter. Used for U-joints and low-pressure service.
205532	Hydraulic-to-steel needle adapter. Used for flush fittings. 250 psi (17 bar) max. Not for air grease applications or guns.
205582	Hydraulic-to-nylon needle adapter. Used for removable plugs. 250 psi (17 bar) max. Not for air grease applications or guns.
223187	90° hydraulic-to-push adapter (K-car). Refer to instruction manual 306708.
203497	Lock-sleeve connector. 1/8 NPT(F) outlet. Allows for quick connection to tapered-nose coupler. Inlet is standard grease fitting with sleeve to lock connector in place.
236171	Easy-fill valve. For faster loading of Graco hand grease guns with gun loaders. Replaces hydraulic fittings on all grease guns with 1/8 NPT(F).
204929	Grease loader valve. For use with lever-operated, high-volume grease pumps. Permits quick bulk filling of hand-operated grease lever guns equipped with easy-fill valve 236171.
205592	Hydraulic adapter assortment package. Contains needle adapter (205568), plug adapter (205554), push adapter (201881), nylon needle adapter (205582), hydraulic-to-steel needle adapter (205532) and whip hose nozzle connector (203504).



205532



205582



203497



205592

Tapered Thread Grease Fittings, 10,000 psi (690 bar) (steel; ball check)

Part Number	Shank	Description
100054	9/32	1/8 NPT straight
101277	1-9/32	1/8 NPT straight
100970	9/32	1/8 NPT 30° angle
100834	9/32	1/8 NPT 45° angle
100971	9/32	1/8 NPT 65° angle
100833	9/32	1/8 NPT 90° angle
100848	3/8	1/4 NPT 67° angle
100846	3/16	1/4-28 tapered SAE-LT straight
100847	13/64	1/4-28 tapered SAE-LT 45° angle
101283	3/16	1/4-28 tapered SAE-LT 90° angle
101281	11/32	1/4-28 tapered SAE-LT straight
110702	19/64	1/4-28 tapered SAE-LT 65° angle
100835	12/32	1/4 NPT straight



100054



100970



100834



100833



100848

Ordering Information

1/4 in Tapered Thread-Forming Grease Fittings, 10,000 psi (690 bar) (steel; ball check)

Part Number	Shank	Description
110703	13/64	1/4-28 straight
110705	13/64	1/4-28 90° angle

Drive-Type Grease Fittings (steel)

Part Number	Shank	Description
110706	3/32	3/16 drill straight
110709	7/32	3/16 drill 65° angle
110713	1/4	3/16 drill straight without ball check
101312	7/32	3/16 drill straight with ball check
110710	1/4	5/16 drill straight with ball check
101287	17/64	1/4 drill straight without ball check



101287

Standard Button-Head Grease Fitting (steel)

1/4 in Tapered Thread Grease Fittings (steel; ball check)

Part Number	Shank	Description
100837	7/16	1/4 NPT straight
101297	33/64	3/8 NPT straight
110711	35/64	1/2 NPT straight



101297

Giant Button-Head Grease Fitting (steel)

Part Number	Shank	Description
110712	9/16	3/8 NPT straight
100854	1/2	1/4 NPT straight



110712

Easy-Outs

Part Number	Description
101604	3/8 NPT straight
101605	1/4 NPT straight



101604

Grease Accessory Packages

Convenient storage box contains the following threaded fittings in the quantities listed:

Part Number	Package Includes			
	Quantity	Grease Fitting No.	Shank	Description
202654	30	100054	9/32	1/8 NPT straight
	10	100970	9/32	1/8 NPT 30° angle
	10	100833	9/32	1/8 NPT 90° angle
	20	100846	3/16	1/4-28 straight
	10	100847	13/64	1/4-28 45° angle



202654