



Fire-Ball® 300 Grease Pumps

**7 Year
Warranty!**

Ideal for Shops with Grease Transfer

Install the Fire-Ball 300 in grease dispense applications. A differential air motor ensures smooth the double-acting pump design provides reliable grease flow and accurate dispense.



Durable

Thick cast aluminum air motor housing offers unmatched durability.

Fewer Repairs

Fewer moving parts in the air motor assembly means less downtime and low repair cost.

Extended Seal Life

In-line pump design aligns the air motor piston and fluid piston rods to maximize seal life.

Superior Sealing

Non-metallic poppet valves offer positive sealing performance, even with contaminated "dirty" air environments for long life without repair.

Corrosion-Resistant

Corrosion-resistant design utilizes liquid salt nitriding, nickel plating, stainless steel, aluminum and chrome on key components for longer life.

Typical Applications

- Automotive dealerships
- Fast lube centers
- Service shops
- Heavy-duty dealerships
- Fleet services facilities
- In-plant
- Lube trucks
- Mining

Typical Fluids Handled

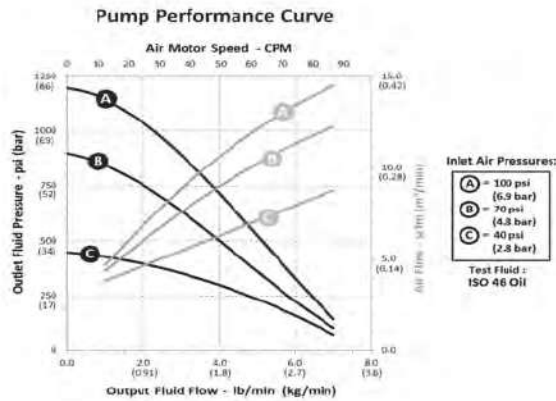
- Grease up to NLGI #2

Fire-Ball® 300 Grease Pumps

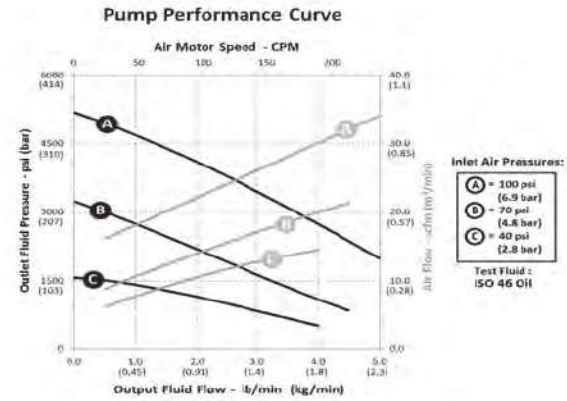


Pump Performance

Fire-Ball 300 15:1 Pumps



Fire-Ball 300 50:1 Pumps



Technical Specifications

	Fire-Ball 300 15:1	Fire-Ball 300 50:1
Fluid Pressure Ratio	15:1	50:1
Air Motor Effective Diameter	3 in (76.2 mm)	3 in (76.2 mm)
Annual Usage	Up to 10,000 lb (4,535 kg)	Up to 10,000 lb (4,535 kg)
Maximum Fluid Working Pressure	2,700 psi (186 bar / 18.6 MPa)	8,400 psi (579 bar / 57.9 MPa)
Approximate Free Flow Rate @ 100 psi	7.5 lb/min (3.4 kg/min)	7.5 lb/min (3.4 kg/min)
Output per Cycle	1.29 oz (36.6 g)	0.34 oz (9.5 g)
Continuous Duty Flow Rate	0.7 lb/min (0.32 kg/min)	1.19 lb/min (0.54 kg/min)
Approximate Air Use and Flow @ 100 psi (80 cpm)	14 @ 6.5 lb/min (0.40 @ 2.9 kg/min)	21 @ 1.7 lb/min (0.59 @ 0.77 kg/min)
Air Inlet	3/8 in NPT(F)	3/8 in NPT(F)
Fluid Outlet	1/4 in NPT(F)	1/4 in NPT(F)
Air Operation Range	40 psi to 180 psi (2.8 bar to 12.5 bar)	30 psi to 140 psi (3.0 bar to 9.7 bar)
Max Recommended Pump Speed	66 cpm	76 cpm
Cycles per Pound (Kg)	12.4 cpp (27 cpk)	47.4 cpp (105 cpk)
Wetted Parts	Carbon steel, brass, copper, aluminum, PTFE, nitrile rubber, leather	Steel, brass, aluminum, acetal, nitrile rubber, polyurethane
Sound Pressure Level	77.8 dB(A)	77.8 dB(A)
Sound Power Level	85.6 dB(A)	85.6 dB(A)
Approximate Weight	22 lb (10 kg)	22 lb (10 kg)
Instruction Manual	306531	308883

Ordering Information

Fire-Ball 300 Grease Pumps

Part Number	Ratio	Description
206405	15:1	For 35 lb (16 kg) pail
206699	15:1	For 120 lb (55 kg) drum
206700	15:1	For 400 lb (180 kg) drum
239877	50:1	For 35 lb or 70 lb (16 kg or 32 kg) pail
239887	50:1	For 120 lb (55 kg) drum
239888	50:1	For 400 lb (180 kg) drum



Ordering Information

15:1 Grease Pump Packages



Package Number		222078	220170	220171
Type of Package		Stationary Pail Dispenser	Stationary Drum Dispenser	Cover-Mounted Drum Dispenser
Ratio		15:1	15:1	15:1
Container Size		35 lb (16 kg)	120 lb (55 kg)	400 lb (180 kg)
Pump Part Number		206405	206699	206700
Dispense Kit		222080	222081	222081
Dispense Kit Includes	Fluid Hose	1/4 in x 15 ft	1/4 in x 25 ft	1/4 in x 25 ft
	Hose Part Number	109165	109167	109167
	Air Coupler	110198	110198	110198
	Air Fitting	—	169971	169971
	Closed Nipple	156849	156849	156849
	Z-Swivel	202577	202577	202577
	Fitting(s)	169971	—	—
	Dispenser	Pro-Shot	Pro-Shot	Pro-Shot
	Dispenser Part Number	242056	242056	242056
	Air Regulator	110234	110234	110234
	Air Pressure Gauge	100960	100960	100960
Drum Cover		222058	204574	200326
Instruction Manual		307882	307882	307882

Fire-Ball® 300 Grease Pump Packages



Ordering Information

50:1 25 to 50 lb Grease Pump Packages



Package Number		222069*	245694*	225827*	225773*	245695*	226012*
Type of Package		Portable pail dispenser	Portable pail dispenser	Stationary pail dispenser	Cart-mounted pail dispenser	Cart-mounted pail dispenser	Cart-mounted pail topper
Ratio		50:1	50:1	50:1	50:1	50:1	50:1
Container Size		25 lb to 50 lb (11 kb to 23 kg)	25 lb to 50 lb (11 kb to 23 kg)	35 lb to 50 lb (16 kg to 23 kg)	35 lb to 50 lb (16 kg to 23 kg)	35 lb to 50 lb (16 kg to 23 kg)	50 lb (23 kg)
Pump Part Number		239877	239877	239877	239877	239877	239877
Dispense Kit		222070	245697	222070	222070	245697	222070
Dispense Kit Includes	Fluid Hose	1/4 in x 12 ft	1/4 in x 12 ft	1/4 in x 12 ft	1/4 in x 12 ft	1/4 in x 12 ft	1/4 in x 12 ft
	Hose Part Number	109151	109151	109151	109151	109151	109151
	Air Coupler	114558	114558	114558	114558	114558	114558
	Air Fitting	169971	169971	169971	169971	169971	169971
	Z-Swivel	202577	202577	202577	202577	202577	202577
	Dispenser	Pro-Shot	Accu-Shot	Pro-Shot	Pro-Shot	Accu-Shot	Pro-Shot
Dispenser Part Number		242056	233807	242056	242056	233807	242056
Follower Plate		24F901	220653	**	**	**	—
Drum Cover		222059	222059	24R350	24R350	204574	—
Holster		—	—	203976	203976	203976	203976
Container		—	—	204134	204134	204134	—
Portable Base		—	—	—	203650	203650	203650
Elevator		—	—	—	—	—	203664
Inductor Plate		—	—	—	—	—	204351
Instruction Manual		307878	307878	307878	307878	307878	307878

*Use 3/8 in (9.5 mm) air regulator (109075); must be ordered separately.

**Order follower plate 220654 separately, if needed.



Fire-Ball® 300 Grease Pump Packages

Ordering Information

50:1 120 lb Grease Pump Packages

Package Number	225006*	225026*	26C185*	26C186*	245696*	222245*
Type of Package	Portable with caster base	Portable with 2-wheel cart	Portable with caster base	Portable with 2-wheel cart	Portable with 2-wheel cart	Portable with heavy duty cart
Ratio	50:1	50:1	50:1	50:1	50:1	50:1
Container Size	120 lb (55 kg)	120 lb (55 kg)	120 lb (55 kg)	120 lb (55 kg)	120 lb (55 kg)	120 lb (55 kg)
Pump Part Number	239887	239887	239887	239887	239887	239887
Dispense Kits	222070	222070	26C183	26C183	245697	222383
Dispense Kit Includes	Fluid Hose	1/4 in x 12 ft	1/4 in x 12 ft	1/4 in x 12 ft	1/4 in x 12 ft	1/4 in x 25 ft
	Hose Part Number	109151	109151	109151	109151	109154
	6 ft Coupled Hose	—	—	—	—	—
	Air Coupler	114558	114558	114558	114558	114558
	Air Fitting	169971	169971	169971	169971	169971
	Z-swivel	202577	202577	202577	202577	202577
	Fitting(s)	—	—	—	—	—
	Dispenser	Pro-Shot	Pro-Shot	Pro-Shot	Pro-Shot	Pro-Shot
	Dispenser Part Number	242056	242056	26C184	26C184	233807
Fluid Hose Size	See kit above	See kit above	See kit above	See kit above	See kit above	See kit above
Air Hose Size	—	—	—	—	—	—
Meter	See kit above	See kit above	See kit above	See kit above	See kit above	See kit above
Meter Part Number	See kit above	See kit above	See kit above	See kit above	See kit above	See kit above
Follower Plate	24F902	24F902	24F902	24F902	220654	24F902
Drum Cover	24R350	24R350	24R350	24R350	204574	222060
Holster	203976	203976	203976	203976	203976	—
Portable Base	203622	203650	203622	203650	203650	222243
Elevator	—	—	—	—	—	—
Pump Support	—	—	—	—	—	—
Hold Down Kit	—	—	—	—	—	222061
Instruction Manual	307878	307878	307878	307878	307878	307878

*Use 3/8 in (9.5 mm) air regulator (109075); must be ordered separately.

Fire-Ball® 300 Grease Pump Packages



Ordering Information

50:1 120 lb Grease Pump Packages (Cont.)



Package Number	225014*	222073*
Type of Package	Stationary supply	Stationary supply topper-inductor
Ratio	50:1	50:1
Container Size	120 lb (55 kg)	120 lb (55 kg)
Pump Part Number	239887	239887
Dispense Kits	222072	—
Dispense Kit Includes	Fluid Hose	1/4 in x 6 ft
	Hose Part Number	109150
	6 ft Coupled Hose	203320
	Air Coupler	—
	Air Fitting	—
	Z-swivel	—
	Fitting(s)	155494/155541
	Dispenser	—
	Dispenser Part Number	—
Fluid Hose Size	See kit above	—
Air Hose Size	See kit above	—
Follower Plate	24F902	—
Drum Cover	24R350	—
Holster	—	—
Portable Base	—	—
Elevator	—	204121
Pump Support	—	222074
Hold Down Kit	—	—
Instruction Manual	307880	306523

*Use 3/8 in (9.5 mm) air regulator (109075); must be ordered separately.

50:1 400 lb Grease Pump Packages



Package Number	225016*	226013*
Type of Package	Stationary supply	Stationary supply topper-inductor
Ratio	50:1	50:1
Container Size	400 lb (180 kg)	400 lb (180 kg)
Pump Part Number	239888	239888
Hose and Fitting Kits	222072	204467
Dispense Kit Includes	Fluid Hose	1/4 in x 6 ft
	Hose Part Number	109150
	6 ft Coupled Hose	203320
	Fitting(s)	155494/155541
Air Hose Size	3/8 in x 6 ft	3/8 in x 6 ft
Follower Plate	24F903	—
Drum Cover	200326	—
Elevator	—	204385
Pump Support	—	204461
Inductor Plate	—	204353
Base	—	205339
Instruction Manual	307880	306556

*Use 3/8 in (9.5 mm) air regulator (109075); must be ordered separately.



Ordering Information

50:1 Grease Pump Lube Truck Packages



Package Number	222085*	222071*
Type of Package	Lube truck	Lube truck
Ratio	50:1	50:1
Container Size	120 lb (55 kg)	400 lb (180 kg)
Pump Part Number	239887	239888
Dispense Kits	222072	222072
Dispense Kit Includes	Fluid Hose	1/4 in x 6 ft
	Hose Part Number	109150
	6 ft Coupled Hose	203320
	Fitting(s)	155494/155541
Air Hose Size	3/8 in x 6 ft	3/8 in x 6 ft
Follower Plate	220654	223845
Drum Cover	222060	207366
Hold Down Kit	222061	207361
Instruction Manual	307880	307880

*Use 3/8 in (9.5 mm) air regulator (109075); must be ordered separately.

Fire-Ball® 300 Grease Pump Packages



Ordering Information

50:1 Grease Pump Side Pocket and Horizontal Mount Packages



Package Number		244644	244645
Type of Package		Side Pocket Mount	Horizontal Mount
Ratio		50:1	50:1
Pump Part Number		239888	239877
Dispense Kits		222072	222072
Dispense Kit Includes	Fluid Hose	1/4 in x 6 ft	1/4 in x 6 ft
	Hose Part Number	109150	109150
	6 ft Coupled Hose	203320	203320
	Fitting(s)	155494/155541	155494/155541
Air Hose Size		3/8 in x 6 ft	3/8 in x 6 ft
Pump Mount Bracket		3 in (f) Coupler – 512874	3 in (f) Coupler – 512874
Air Regulator		109075	109075
Air Shut-Off Valve		110224	110224
Installation Kit		948393	948393
Instruction Manual		309350	309350