

Instructions



RAM / INDUCTOR / FOLLOWER PLATE

Bulk Grease Transfer Packages

309345 rev.C

Model No. 244638, 65:1 King Ram

64 psi (0.4 MPa, 4.4 bar) Maximum Air Input Pressure
4200 psi (29 MPa, 290 bar) Maximum Fluid Working Pressure

Model No. 244639, 55:1 Bulldog Ram

76 psi (0.5 MPa, 5.2 bar) Maximum Air Input Pressure
4200 psi (29 MPa, 290 bar) Maximum Fluid Working Pressure

Model No. 244640, 12:1 Bulldog Ram

100 psi (0.7 MPa, 7 bar) Maximum Air Input Pressure
1200 psi (8.3 MPa, 83 bar) Maximum Fluid Working Pressure

Model No. 244641, 3:1 Bulldog Ram

120 psi (0.8 MPa, 8.3 bar) Maximum Air Input Pressure
360 psi (2.5 MPa, 25 bar) Maximum Fluid Working Pressure

Model No. 244848, 3:1 Bulldog Sinker

120 psi (0.8 MPa, 8.3 bar) Maximum Air Input Pressure
360 psi (2.5 MPa, 25 bar) Maximum Fluid Working Pressure

Model No. 244905, 50:1 Fire-Ball® 425 Ram

80 psi (0.6 MPa, 5.5 bar) Maximum Air Input Pressure
4000 psi (27.6 MPa, 276 bar) Maximum Fluid Working Pressure

Model No. 244906, 75:1 Fire-Ball® 425 Ram

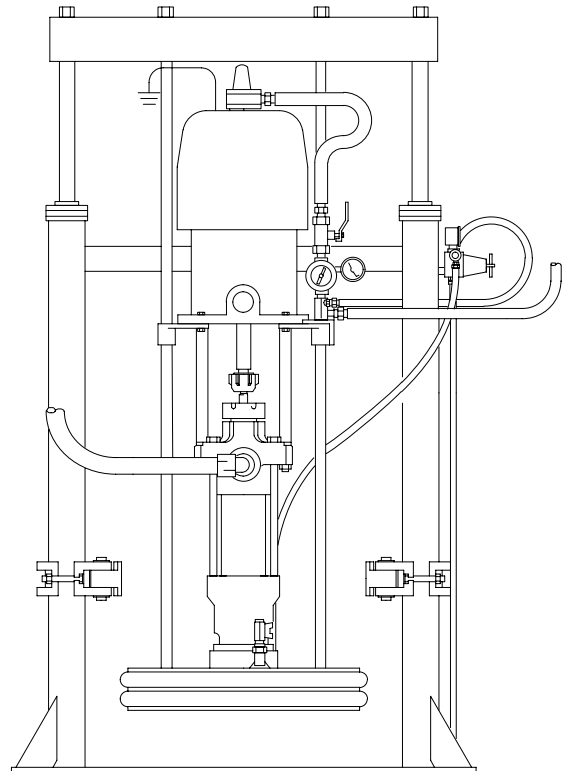
53 psi (0.4 MPa, 3.7 bar) Maximum Air Input Pressure
4000 psi (27.6 MPa, 276 bar) Maximum Fluid Working Pressure

Model No. 244642, 5:1 Dynastar 120 lb. Drum

1000 psi (6.9 MPa, 69 bar) Maximum Hydraulic Input Pressure
5000 psi (34.5 MPa, 345 bar) Maximum Fluid Working Pressure

Model No. 244643, 5:1 Dynastar 400 lb. Drum

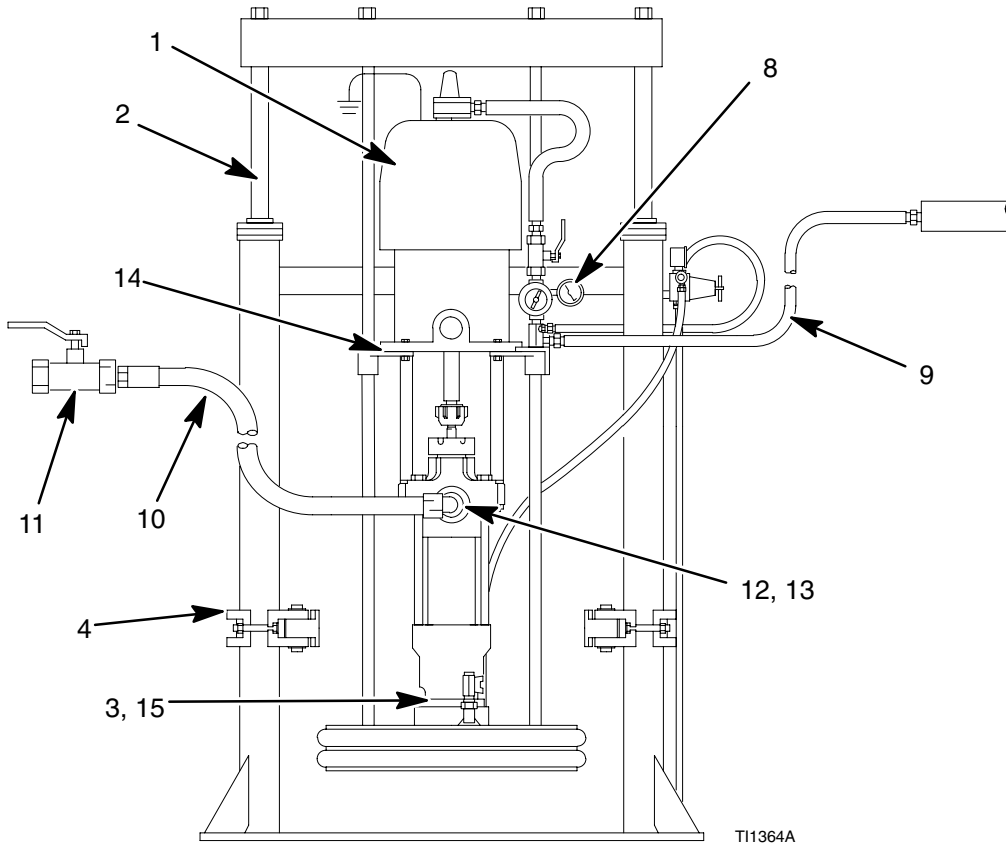
1000 psi (6.9 MPa, 69 bar) Maximum Hydraulic Input Pressure
5000 psi (34.5 MPa, 345 bar) Maximum Fluid Working Pressure



Important Safety Instructions

Read all warnings and instructions in your pump
and motor instruction manuals.
Save those instructions.

Installation



NOTE: See pump and motor manuals for important **safety warnings** and installation, operation, and service instructions.

NOTE: For the Dynastar pump, consult with your system installer and see your Dynastar manual 308156 (supplied) for important hydraulic installation instructions.

Model No. 244638, 65:1 King Ram

(includes items 1–4, 8–12)

Model No. 244639, 55:1 Bulldog Ram

(includes items 1–4, 8–13)

Model No. 244640, 12:1 Bulldog Ram

(includes items 1–4, 8–13)

Model No. 244641, 3:1 Bulldog Ram

(includes items 1–2, 4, 8–12)

Model No. 244848, 3:1 Bulldog Sinker

(includes items 1–2, 8–12)

Model No. 244905, 50:1 Fire-Ball® 425 Ram

(includes items 1–3, 8–9, 14–15)

Model No. 244906, 75:1 Fire-Ball® 425 Ram

(includes items 1–3, 8–9, 14–15)

Model No. 244642, 5:1 Dynastar 120 lb Drum

(includes items 1, 5–7, 10–12)

Model No. 244643, 5:1 Dynastar 400 lb Drum

(includes items 1, 5–7, 10–12)

Parts Lists

Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	236471	PUMP, 65:1 King (used on model 244638; see manuals 309347 and 308351)	1	8	244845	REGULATOR, air; 3/4" fbe (used on model 244848; see manual 308168)	1
	222778	PUMP, 55:1 Bulldog (used on model 244639; see manuals 307049 and 308017)	1		244844	REGULATOR, air; 1/2" fbe (used on models 244905 and 244906; see manual 308167)	1
	222828	PUMP, 12:1 Bulldog (used on model 244640; see manuals 307049 and 308149)	1	9	208610	HOSE, air; 3/4" ID; 3/4" npt(mbe) x 6 ft (used on models 244638, 244639, 244640, 244641, and 244848)	1
	205148	PUMP, 3:1 Bulldog (used on models 244641 and 244848; see manuals 307049 and 306642)	1		222076	KIT, hose and fitting (used on models 244905 and 244906; see manual 307880)	1
	205395	PUMP, 50:1 Fire-Ball® 425 (used on model 244905; see manuals 306982 and 306674)	1	10	244657	HOSE, fluid; 1" ID; 1" npt(mbe) x 6 ft; 5000 psi (used on models 244638 and 244639)	1
	239730	PUMP, 75:1 Fire-Ball® 425 (used on model 244906; see manuals 306982 and 308777)	1		115042	HOSE, fluid; 1" ID; 1" npt(mbe) x 6 ft; 2400 psi (used on model 244640)	1
	224751	PUMP, 5:1 Dynastar (used on model 244642; see manual 308156)	1		244658	HOSE, fluid; 2" ID; 2" npt(mbe) x 6 ft (used on models 244641 and 244848)	1
	224752	PUMP, 5:1 Dynastar (used on model 244643; see manual 308156)	1		215441	HOSE, fluid; 1/2" ID; 1/2" npt(mbe) x 10 ft (used on models 244642 and 244643)	1
2	207279	RAM (used on models 244638, 244639, 244640, 244641, 244905, and 244906; see manuals 306725 and 306934)	1	11	521477	VALVE, fluid shutoff; 1" npt(fbe); 5000 psi (used on models 244638 and 244639)	1
	222404	INDUCTOR (used on model 244848)	1		512152	VALVE, fluid shutoff; 1" npt(fbe); 2000 psi (used on model 244640)	1
3	222776	KIT, mounting (used on models 244638, 244639, and 244640; see form 405952)	1		512213	VALVE, fluid shutoff; 2" npt(fbe) (used on models 244641 and 244848)	1
	224266	KIT, adapter, inductor (used on models 244905 and 244906)	1		202869	VALVE, fluid shutoff; 1/2" npt(fbe) (used on models 244642 and 244643)	1
4	206537	CLAMP, drum (used on models 244638, 244639, 244640, and 244641)	1	12	116648	ADAPTER, swivel, straight; 1" npt(m) x 1" npsm(f); 4200 psi (used on models 244638 and 244639)	1
5	236864	MANIFOLD, hydraulic fluid control (used on models 244642 and 244643; see manual 308395)	1		160022	ADAPTER, swivel, straight; 1" npt(m) x 1" npsm(f); 2000 psi (used on model 244640)	1
6	204574	COVER, drum (used on model 244642; see manual 306345)	1		116470	ADAPTER, swivel, straight; 2" npt(m) x 2" npsm(f) (used on models 244641 and 244848)	1
	200326	COVER, drum (used on model 244643)	1		156684	ADAPTER, swivel, straight; 1/2" npt(m) x 1/2" npsm(f) (used on models 244642 and 244643)	1
7	223700	PLATE, follow (used on model 244642; see manual 306345)	1	13	116649	COUPLING; 1" npt(f) x 3/4" npt(f) (used on model 244639)	1
	223701	PLATE, follow (used on model 244643; see manual 306345)	1		116650	COUPLING; 1-1/2" npt(f) x 1" npt(f) (used on model 244640)	1
8	207651	KIT, regulator, air (used on model 244638; see manual 308168)	1	14	247337	PLATE, mounting (used on models 244905 and 244906)	1
	205712	KIT, regulator, air (used on model 244639, 244640, and 244641; see manual 308168)	1	15	247335	KIT, ram plate seal (used on models 244905 and 244906)	1

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612-378-3590 Fax

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