

PMV 4.25 in. (108 mm) grease pumps

**Model V450120000 50:1 4.25 in.
120 lb. (54 kg) bare pump**

**Model V450400000 50:1 4.25 in.
400 lb. (181 kg) bare pump**

**Model V450120DC 50:1 4.25 in.
120 lb. (54 kg) stationary package**

Package includes:

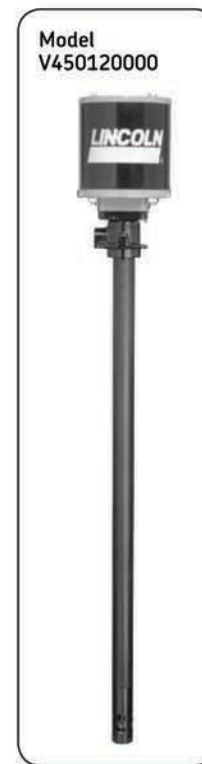
- Bare pump model V450120000
- 120 lb. (54 kg) stationary kit model K050120DC
 - Drum cover model 85826
 - (2) hose connectors model 10198
 - 1/4 in. x 5 ft. (1,5 m) grease hose model 75060
 - 3/8 in. x 5 ft. (1,5 m) air hose model 273299
 - Follower model 84780
 - Air coupler/nipple model 5874/5875
 - Elbow union model 80202

**Model V450400DC 50:1 4.25 in. 400 lb.
(181 kg) stationary package**

Package includes:

- Bare pump model V450400000
- 400 lb. (181 kg) drum cover kit model K050400DC
 - 400 lb. (181 kg) drum cover model 85827
 - Air coupler/nipple model 5874/5875
 - 1/4 in. x 5 ft. (1,5 m) grease hose model 75060
 - (2) hose connectors model 10198
 - 3/8 in. x 5 ft. (1,5 m) air hose model 273299
 - Elbow union model 80202

For heavy greases and/or low temperatures, order follower model 85825 on (→ page 55).



Model V450400HF



Model V450400HF 50:1 4.25 in. 400 lb. (181 kg) inductor package

Package includes:

- Bare pump model V450400000
- Hoist/follower kit model 275260

Model V450120LT 50:1 4.25 in. 120 lb. (54 kg) lubrication truck package

Package includes:

- Bare pump model V450120000
- 120 lb. (54 kg) lubrication truck kit model K050120LT
 - 120 lb. (54 kg) drum cover with tie downs model 85829
 - Elbow union model 80202
 - Air coupler/nipple model 5874/5875
 - Lifting eye model 275416

Model V450400LT 50:1 4.25 in. 400 lb. (181 kg) lubrication truck package

Package includes:

- Bare pump model V450400000
- 400 lb. (181 kg) lubrication truck kit model K050400LT
 - 400 lb. (181 kg) drum cover with tie rods model 83115
 - Elbow union model 80202
 - Air coupler/nipple model 5874/5875
 - Lifting eye model 275416

Model V450120LT



Model V450400LT



3 in. air motor



Model
V350400000

4.25 in. air motor



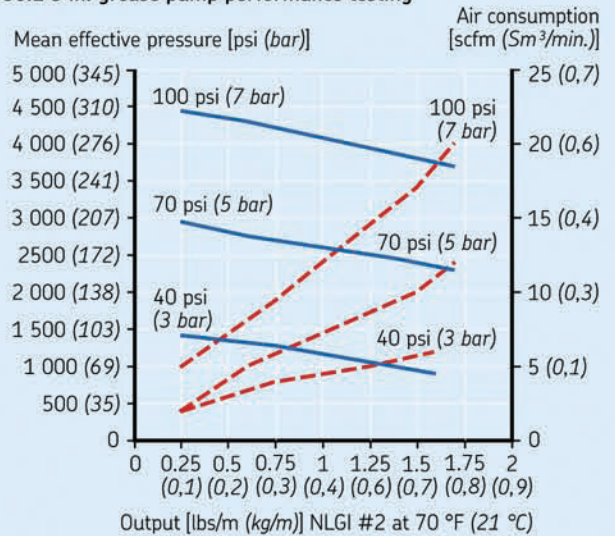
Model
V450120000

50:1 3 in. grease pump technical data

Pumping ratio	50:1
Air pressure	40 to 150 psi (2,7 to 10,3 bar)
Maximum output pressure	7 500 psi (517 bar)
Air inlet	3/8 NPTF
Material outlet	1/4 NPTF
Airmotor bore diameter	3 in. (76,2 mm)
Stroke	3 1/4 in. (82,5 mm)
Output per cycle	0.78 cu. in. (12,8 cm ³)
Wetted parts	Carbon steel, brass, zinc, polyurethane, nitrile
Free flow	168 cu. in./min. (2 753 cm ³ /min.)
Overall length (stub)	35 lb. (15 kg) 27 7/8 in. (708 mm) 120 lb. (54 kg) 36 3/8 in. (924 mm) 400 lb. (181 kg) 42 7/8 in. (1 089 mm)

Decibels less than 85 at all normal operating conditions

50:1 3 in. grease pump performance testing



50:1 4.25 in. grease pump technical data

Pumping ratio	50:1
Air pressure	40 to 150 psi (2,7 to 10,3 bar)
Maximum output pressure	7 500 psi (517 bar)
Air inlet	3/8 NPTF
Material outlet	1/4 NPTF
Airmotor bore diameter	4 1/4 in. (108 mm)
Stroke	3 1/4 in. (82,5 mm)
Output per cycle	1.47 cu. in. (24,1 cm ³)
Wetted parts	Carbon steel, brass, zinc, polyurethane, nitrile
Free flow	220 cu. in./min. (3 605 cm ³ /min.)
Overall length (stub)	120 lb. (54 kg) 36 7/16 in. (926 mm) 400 lb. (181 kg) 42 15/16 in. (1 091 mm)

Decibels less than 85 at all normal operating conditions

50:1 4.25 in. grease pump performance testing

