

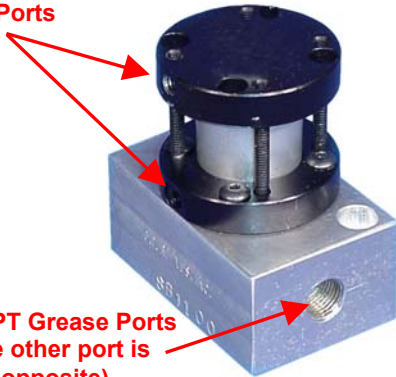
# SB1100

## Snuff-back Device for Grease

- Positive “quick close” by pulling grease back from nozzle tip after dispense
- Compensates for swelling or bending hoses
- Minimizes or eliminates oozing or drooling of grease from nozzle tip
- Compact for installation near grease application nozzle

- Positive “quick open” by instantly supplying grease to nozzle tip at start of dispense
- Compensates for minor compressibility of grease
- Automatically compensates for the compressibility of grease volume in delivery tubing or hose
- Functions with NLGI #0 through NLGI #2 grease

Two #10-32  
Air Ports



1/8 NPT Grease Ports  
(the other port is  
opposite)



Nozzle without Snuff-back



Nozzle with Snuff-back

### WHY MANY GREASE NOZZLES DROOL AND OOZE

A. Grease (even without visible air) is often compressible by as much as 1% of its volume for every 500 p.s.i. of dispense pressure.

B. Grease is often dispensed at higher pressures than necessary. Dispensing at 2,500 p.s.i. will result in much more drooling and oozing than dispensing at 500 p.s.i.

C. Grease dispensers can rarely be mounted at the dispense point or nozzle. Some tubing or hose is inevitable and results in too much grease volume between the dispenser and the nozzle. That volume of grease will be compressed during the dispense and will slowly return to original size after the dispense.

D. If that tubing or hose is flexible, it may balloon (increase in diameter) as grease pressure increases slightly while grease is being dispensed and return to original size after the dispense. The hose or tubing has more grease volume during the dispense than after the dispense. As the hose or tubing returns to original size, that extra volume of grease extrudes from the nozzle tip.

E. Flexible hose or tubing is used because the grease nozzle must be moved to and from the part being greased. Often the hose has more of a bend after the dispense than it did during the dispense. As the hose is bent, its internal volume decreases causing grease to extrude from the nozzle.

For more information about snuff-back, see CAT-SNUFF-BACK short.

### SB1100 SPECIFICATIONS

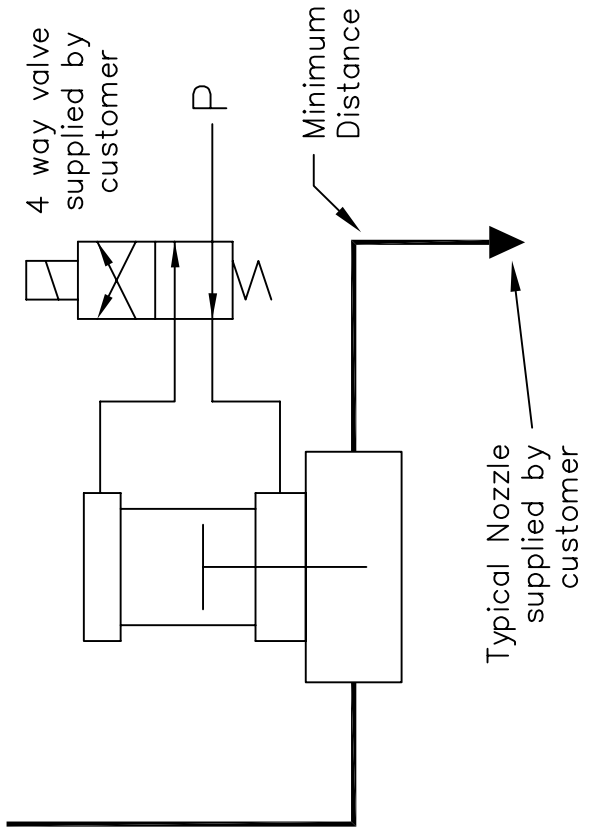
Media	NLGI #0 through NLGI #2 grease	Grease Pressure Rating	2000 p.s.i. (137 bar) maximum
Boost Ratio	5.89 to 1 (during dispense)	Mounting	Inline or Panel
Air Ports	10-32 Female (two ports)	Snuff-back Ratio	4.89 to 1
Air Pressure Rating	150 p.s.i. maximum	Ambient Temperature	32 to 140° F. (0 to 60° C.)
Grease Ports	1/8 NPT Female and interchangeable	Snuff-back Volume	.028 cubic inch (.46 cc)
Dimensions	See drawing KA5973	Shipping Weight	1 lb.

**G. P. Reeves Inc. 12764 Greenly Street Holland, MI 49424**

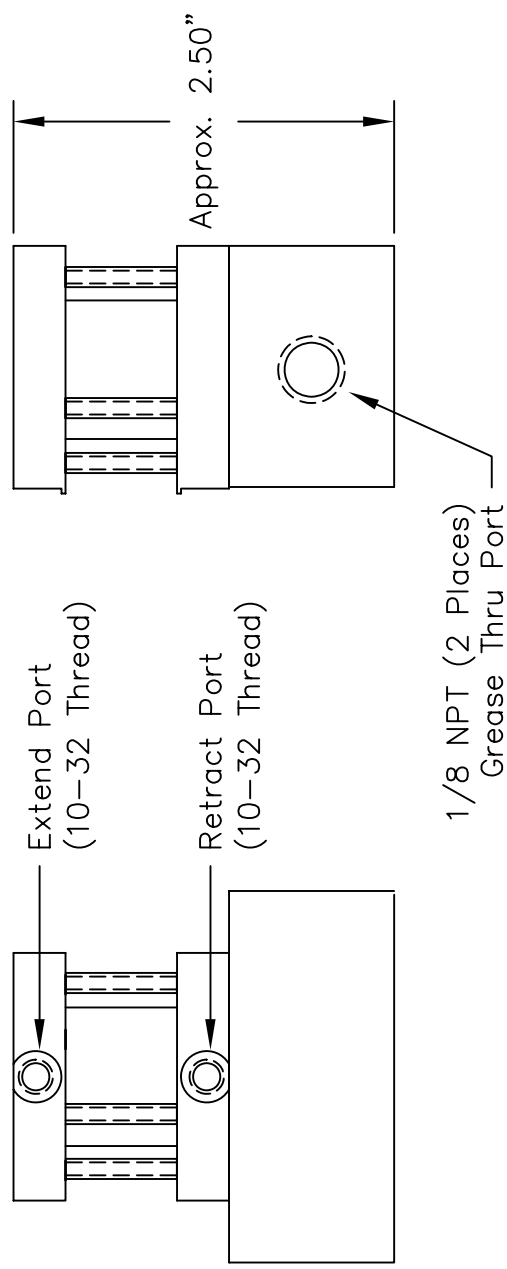
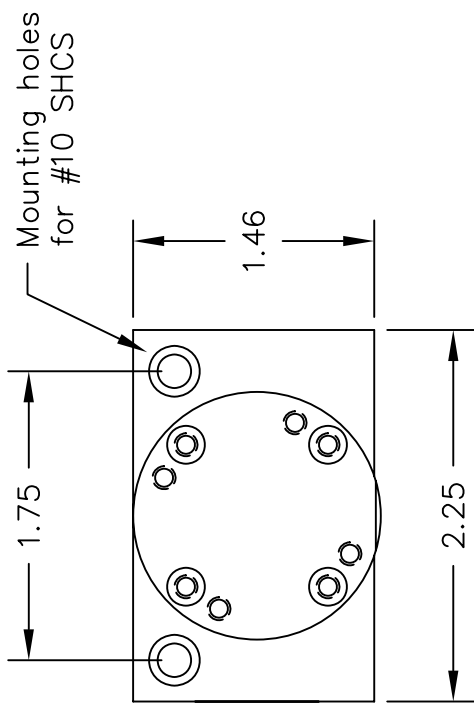
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**Web Site: <http://gpreeves.com>**



Note:  
Install the snuff back device as close to the nozzle as possible. The greater the distance between the snuff back device and the nozzle, the less effective the snuff back device will be.



DETAILED DESCRIPTION	
Snuffback device, inline or panel mountable, 5.89 to 1 boost ratio and .028 cubic inch (.46 cc). Air operated with 10-32 air ports and 1/8 NPTF grease ports.	
<b>LUBE LOGIC</b> G. P. REEVES INC. <small>12764 GREENLY STREET HOLLAND, MI 49424, USA</small>	
SCALE	TOLERANCES
DATE 12/19/05	X.XXX = ± 0.005 X.XX = ± 0.015 X.X = ± 1/32
DRAWN BY KPR	
SB1100 Snuff Back Device	
SHEET 1 of 1 DRAWING NUMBER KA5973	

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