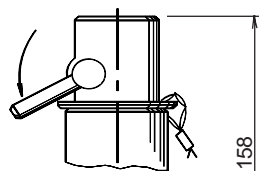


ILLUSTRATED SHOWING  
TYPE S  
NO EASING GEAR

ALTERNATIVE TOP FITTING



TYPE SL  
SEALED LEVER  
EASING GEAR

PARTS LIST & MATERIAL SPECIFICATION

	67013	68013	69013
1	INLET SEAT	BRASS	ST.STL.
2	SEAL RETAINER	BRASS	ST.STL.
3	SEAL	TO SUIT APPLICATION	
4	PLUNGER	BRASS	ST.STL. BRASS
5	BODY	BRASS	ST.STL. BRASS
6	SPRING	ST.STL.	
7	SPINDLE	ST.STL.	
8	ADJUSTER	BRASS	ST.STL. BRASS
9	CAP	BRASS	ST.STL. BRASS
10	WIRE & SEAL	ST.STL. & LEAD	
11	COVER	BRASS	ST.STL. BRASS

TECHNICAL DATA

P.E.D. 97/23/EC

Type examination module B, Cert. No. 2002/043/8923.

Quality management system module D, Cert. No. EDS 0002011/01.

Designed in accordance with BS 6759 Part 3 & ISO 4126-1:1991.

TECHNICAL DATA

Relieving pressure = Set pressure +25%  
 Reseating pressure = Set pressure max -20% down to 3 Bar.g  
 = Below 3 Bar.g = 0.6 Bar.g

Maximum set pressure = 27 Bar.g  
 Minimum set pressure = 0.7 Bar.g  
 Flow area = 147.4 mm<sup>2</sup>  
 Inlet bore diameter = 13.7 mm  
 Derated coefficient of discharge  $K_{dr}$  = 0.57  
 Temperature Range = -30°C to 200°C subject to seal material.

FOR FURTHER INFORMATION, CONVERSION FACTORS INSTALLATION AND OPERATION INSTRUCTIONS ETC. SEE TECHNICAL INFORMATION SECTION.



SEETRU LIMITED

ALBION DOCKSIDE WORKS, BRISTOL. BS1 6UT  
 TELEPHONE +44 (0) 117 927 9204, FAX +44 (0) 117 929 8193  
 www.seetru.com enquiries@seetru.com

13mm Nominal Bore  
 DIRECT SPRING LOADED ENCLOSED  
 DISCHARGE SAFETY VALVE FOR LIQUIDS

ENCLOSED DISCHARGE  
 13mm NOM. BORE SERIES M/2  
 TYPE 67013 BRASS  
 TYPE 68013 ST.STL.  
 TYPE 69013 BRASS/ST.STL.

## FLOW CHART

- TO CALCULATE INTERMEDIATE FLOWS SEE TECHNICAL INFORMATION SECTION C.

- FOR GREATER FLOWS REFER TO 20mm BORE TYPE 67020 DATA SHEET, FOR LOWER FLOWS REFER TO 10mm BORE TYPE 67010 DATA SHEET

SET PRESSURE Bar.g	0.7	2	4	6	8	10	12	14	16	18	20	22	24	26	27
RATED DISCHARGE * CAPACITY IN ACCORDANCE WITH BS 6759, WATER AT 15°C (kg/hr)	3764	6759	9560	11708	13519	15116	16558	17885	19119	20279	21376	22419	23416	24372	24837

\* DISCHARGING TO ATMOSPHERE

## VALVE SELECTION CHART

Standard thread sizes shown, other sizes may be available.

INLET CONNECTION	OUTLET CONNECTION	ORDERING CODE	TOP FITTING CODE	
			S	SL
G 3/4 (3/4" BSP PARALLEL)	G 1 (1" BSP PARALLEL)	67013A 68013A 69013A	1303	4103
R 3/4 (3/4" BSP TAPER)	G1 (1" BSP PARALLEL)		1313	4113

Example:

Ordering code 67013A 1303 is brass construction Sealed valve, with 3/4" BSP parallel inlet connection, 1" BSP parallel outlet connection with Viton® seals wirelocked no easing gear.

Seal material:

Last digit of ordering code calls up Viton® seal (since this is the most universal type).

When other material is required last digit changes to:

- |            |                       |
|------------|-----------------------|
| 1. NITRILE | 5. NEOPRENE           |
| 3. VITON®  | 6. ETHYLENE PROPYLENE |

For advice on seal material selection refer to Technical Information Section A.



SHEET 2 OF 2

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