



ILLUSTRATED SHOWING
TYPE S
SEALED BASIC
NO EASING GEAR

PARTS LIST & MATERIAL SPECIFICATION

		67025	69025
1	INLET SEAT	BRASS	ST. STL.
2	SEAL RETAINER	BRASS	ST. STL.
3	'O' RING	TO SUIT APPLICATION	
4	PLUNGER	BRASS	ST. STL.
5	BODY	BRONZE	
6	SPRING	ST.STL	
7	SPINDLE	ST.STL	
8	ADJUSTER	BRASS	
9	CAP	BRASS	
10	COVER	BRASS	
11	WIRE & SEAL	ST.STL AND LEAD	
12	SCREW	ST.STL	

APPROVALS

P.E.D. 97/23/EC

Type examination module B, Cert. No. 2002/046/8923

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 = 21.0 Bar.g

Minimum set pressure = 5.65 Bar.g

Flow area = 490.4 mm²

Inlet bore diameter = 25 mm

Derated coefficient of discharge K_{dr} = 0.56

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

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25mm Nominal Bore
 DIRECT SPRING LOADED ENCLOSED
 DISCHARGE SAFETY VALVE FOR LIQUIDS

ENCLOSED DISCHARGE
 25mm NOM. BORE SERIES M/2
 TYPE 67025
 TYPE 69025

SHEET 1 OF 2 SHEETS

FLOW CHART

- TO CALCULATE INTERMEDIATE FLOWS SEE TECHNICAL INFORMATION SECTION C.
 - FOR GREATER FLOWS REFER TO SEETRU, FOR LOWER FLOWS REFER TO 20 mm BORE 67020 DATA SHEET

SET PRESSURE Bar.g	5.65	6	8	10	12	14	16	18	20	21
RATED DISCHARGE * CAPACITY IN ACCORDANCE WITH BS 6759, WATER AT 15°C (kg/hr)	37155	38289	44212	49431	54149	58487	62526	66319	69906	71701

* 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
G 1 1/2 (1 1/2" BSP PARALLEL)	G 2 (2" BSP PARALLEL)	67025A	1393
R 1 1/2 (1 1/2" BSP TAPER)	G2 (2" BSP PARALLEL)	69025A	1403

Example:

Ordering code 67025A 1393 is Sealed Valve with 1 1/2" BSP parallel inlet connection, 2" 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 SHEETS

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