



ILLUSTRATED SHOWING
TYPE S
SEALED BASIC
NO EASING GEAR

PARTS LIST & MATERIAL SPECIFICATION

		67020	68020	69020
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	ST.STL.	BRONZE
6	SPRING	ST.STL		
7	SPINDLE	ST.STL		
8	ADJUSTER	BRASS		
9	CAP	BRASS		
10	WIRE & SEAL	ST.STL AND LEAD		
11	SCREW	ST.STL.		
12	COVER	BRASS	ST.STL.	BRASS

APPROVALS

P.E.D. 97/23/EC

Type examination module B, Cert. No. 2002/045/8923

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%
Maximum set pressure	= 22 Bar.g
Minimum set pressure	= 3.3 Bar.g
Flow area	= 314mm ²
Inlet bore diameter	= 20mm
Derated coefficient of discharge K_{dr}	= 0.57
Temperature Range	= Subject to seal material.

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



SEETRU LIMITED

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20mm Nominal Bore
DIRECT SPRING LOADED ENCLOSED
DISCHARGE SAFETY VALVE FOR LIQUIDS

ENCLOSED DISCHARGE
20mm NOM. BORE SERIES M/2
TYPE 67020
TYPE 68020
TYPE 69020

SHEET 1 OF 2 SHEETS

FLOW CHART

- TO CALCULATE INTERMEDIATE FLOWS SEE TECHNICAL INFORMATION SECTION C.

- FOR GREATER FLOWS REFER TO 25mm BORE TYPE 67025 DATA SHEET, FOR LOWER FLOWS REFER TO 18mm BORE 67018 DATA SHEET

SET PRESSURE (Bar.g)	3.3	4	6	8	10	12	14	16	18	20	22
RATED DISCHARGE * CAPACITY IN ACCORDANCE WITH BS 6759, WATER AT 15°C (kg/hr)	18512	20384	24966	28828	32231	35308	38137	40770	43244	45583	47807

* 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 1/4 (1 1/4" BSP PARALLEL)	G2 (2" BSP PARALLEL)	67020A 68020A 69020A	1363
R 1 1/4 (1 1/4" BSP TAPER)	G2 (2" BSP PARALLEL)		1373

Example:

Ordering code 67020A 1363 is Sealed valve with 1 1/4" 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® 'O' ring seal (since this is the most universal type).

When other material is required this changes to :

- | | |
|-------------|-----------------------|
| 1. NITRILE | 6. ETHYLENE PROPYLENE |
| 3. VITON® | 8. PERFLUOROELASTOMER |
| 5. NEOPRENE | |

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



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