

ILLUSTRATED SHOWING
TYPE B
BASIC WIRELOCKED VALVE
WITH DOWNWARD SHROUD

**PARTS LIST &
MATERIAL SPECIFICATION**

1	SEAT	ST.STL.
2	BODY	BRASS
3	DISC SEAL	SUIT APPLICATION
4	PLUNGER	ST.STL.
5	SPRING	ST.STL.
6	ADJUSTER	BRASS
7	CAP	BRASS
8	WIRE & SEAL	ST.STL. & WIRE
9	SHROUD	BRASS

APPROVALS

Designed in accordance with ISO 4126-1:1991
P.E.D. 97/23/EC
Type examination module B, Cert. No. 2002/035/8878/1
Quality management system module D, Cert. No. EDS 0002011/01

TECHNICAL DATA

Relieving pressure	= set pressure +10%
Reseating pressure	= set pressure -15%
Maximum set pressure	= 241.4 Bar.g.
Minimum set pressure	= 48.2 Bar.g.
Flow area	= 10.46mm ²
Inlet bore diameter	= 3.65mm
Derated coefficient of discharge K_{dr}	= 0.68
Minimum lift	= 0.91mm
Temperature range	= -50° to 180°C

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

FLOW CHART


-TO CALCULATE INTERMEDIATE FLOWS SEE TECHNICAL INFORMATION SECTION.

SET PRESSURE Bar.g	48.2	50	60	70	80	90	100	150	200	240	241.4
CERTIFIED DISCHARGE CAPACITY IN ACCORDANCE WITH TÜV, AIR AT 0°C AND 1013mbar Normal m ³ /h	261.8	271.5	324.8	378.1	431.4	484.7	538	804.6	1071.1	1284.1	1292.1

VALVE SELECTION CHART

INLET CONNECTION	ORDERING CODE	TOP FITTING	A/F HEX DIMS mm
		B	
G 3/8 (3/8" BSP PARALLEL)	31210	0303	25.6
G 3/4 (3/4" BSP PARALLEL)		4303	33
G 1/2 (1/2" BSP PARALLEL)		1303	25.6
R 1/2 (1/2" BSP TAPER)		2303	
(1/2" NPT)		3303	

Seal Material:
Last digit of order code calls up Viton® seal.
When other material is required the last digit changes to:-
1. NITRILE 5. NEOPRENE
3. VITON® 6. ETHYLENE PROPYLENE

Example: 
Ordering Code 31210 1303 is Basic valve with 1/2" BSP parallel inlet connection, Viton® seal and no easing gear wirelocked with downward facing shroud.



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

1/8" Nom. Bore BRASS CONSTRUCTION
DIRECT SPRING LOADED ATMOSPHERIC
DISCHARGE SAFETY VALVE FOR
COMPRESSED AIR OR GASES

ATMOSPHERIC DISCHARGE
1/8" NOM. BORE
TYPE 31210