



ILLUSTRATED SHOWING  
TYPE BV  
BASIC WIRELOCK  
NO EASING GEAR

### PARTS LIST & MATERIAL SPECIFICATION

		33110	34110	34410
1	SEAT	ST.STL.		ST.STL. 316
2	BODY	BRASS	ST. STL.	ST.STL. 316
3	DISK SEAL	TO SUIT APPLICATION		
4	PLUNGER	ST.STL.		ST.STL. 316
5	SPINDLE	ST.STL.		ST.STL. 316
6	SPRING	ST.STL.		
7	ADJUSTER	BRASS	ST.STL.	ST.STL. 316
8	WIRELOCKING	ST.STL. & LEAD		
9	CAP	BRASS	ST.STL.	
10	COVER	BRASS	ST.STL.	

### APPROVALS

P.E.D. 97/23/EC

Type examination module B, Cert. No. 2002/037/8878/1

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

Designed in accordance with ISO 4126-1:1991 & BS 6759:1984, but not approved.

### TECHNICAL DATA

Relieving pressure = Set pressure +10%  
 Reseating pressure = Set pressure -10%  
 Maximum set pressure = 241 Bar.g  
 Minimum set pressure = 48 Bar.g  
 Flow area = 10.52 mm<sup>2</sup>  
 Inlet bore diameter = 0.144" ( 3.66mm )  
 Derated coefficient of discharge in accordance with BS,  $K_{gr}$  AIR = 0.73,  
 Temperature range = -50°C to 200°C subject to seal material.



## SEETRU LIMITED

ALBION DOCKSIDE WORKS, BRISTOL. BS1 6UT  
 TELEPHONE +44 (0) 117 927 9204, FAX +44 (0) 117 929 8193  
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1/8" Nominal Bore  
 BRASS CONSTRUCTION DIRECT SPRING  
 LOADED DISCHARGE SAFETY VALVE  
 FOR COMPRESSED AIR OR GASES

ENCLOSED DISCHARGE  
 1/8" NOMINAL BORE  
 TYPE 33110  
 TYPE 34110  
 TYPE 34410

SHEET 1 OF 2 SHEETS

FLOWCHART

SET PRESSURE Bar.g	48	49	50	51	52	53	54	55	100	120	200	241
RATED DISCHARGE CAPACITY IN ACCORDANCE WITH BS 6759, AIR AT 15°C AND 1013 mbar Std.Litres/s	79	81	83	84	86	87	89	90	164	196	326	393

VALVE SELECTION CHART

INLET CONNECTION	OUTLET CONNECTION	ORDERING CODE	TOP FITTING CODE	ORDERING CODE	TOP FITTING CODE
			BV		BV
G 3/8 (3/8" BSP PARALLEL)	G 3/8 (3/8" BSP PARALLEL)	33110 34110	0201	34410	-
G 3/8 (3/8" BSP PARALLEL)	G 1/2 (1/2" BSP PARALLEL)		2202		-
G 1/2 (1/2" BSP PARALLEL)	G 1/2 (1/2" BSP PARALLEL)		3202		3201

Example:

Ordering code 33110 0201 is a 33110 basic valve with 3/8" BSP inlet and outlet connections, no easing gear, wirelocked.



SHEET 1 OF 2 SHEETS

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