



ILLUSTRATED SHOWING
TYPE SB
 SEALED 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	SPRING	ST.STL.		
6	ADJUSTER	BRASS	ST.STL.	ST.STL. 316
7	WIRELOCKING	ST.STL. & LEAD		
8	CAP	BRASS	ST.STL.	
9	COVER	BRASS	ST.STL.	

APPROVALS

P.E.D. 2014/68/EU
 Type examination module B, Cert. No. 2002/037/8878/1
 Quality management system module D, Cert. No. COV0812369/01
 Designed in accordance with BS EN ISO 4126-1, 2013 +A1:2016

THESE VALVES SHOULD ONLY BE TESTED FOR SET PRESSURE ON LIQUID PRIOR TO FINAL INSTALLATION. VALVES THAT ARE TESTED ON AIR & FULLY LIFTED WILL CAUSE DAMAGE TO THE SEALING FACE.

TECHNICAL DATA

Relieving pressure	= Set pressure +10%
Reseating pressure	= Set pressure -10%
Set pressure range	= 27 to 36 & 48.3 to 241.3 Bar.g
Flow area	= 10.52 mm ²
Inlet bore diameter	= 3.66mm
Derated coefficient of discharge in accordance with BS, K _{dr} AIR	= 0.73,
Temperature range	= -50°C to 200°C subject to seal material.

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



SEETRU LIMITED
 ALBION DOCKSIDE WORKS, BRISTOL. BS1 6UT
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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

FLOW CHART

SET PRESSURE Bar.g	27	30	33	36	48	49	50	51	52	53	54	55	100	120	200	241
RATED DISCHARGE CAPACITY IN ACCORDANCE WITH BS EN ISO 4126, AIR AT 15°C AND 1013 mbar Std.Litres/s	45	50	55	60	80	82	83	85	86	88	90	91	5	198	329	397

VALVE SELECTION CHART

INLET CONNECTION	OUTLET CONNECTION	ORDERING CODE	TOP FITTING CODE	ORDERING CODE	TOP FITTING CODE	ORDERING CODE	TOP FITTING CODE
			SB		SB		SB
G 3/8 (3/8" BSP PARALLEL)	G 3/8 (3/8" BSP PARALLEL)	33110	0201	34110	0201	34410	0201
G 3/8 (3/8" BSP PARALLEL)	G 1/2 (1/2" BSP PARALLEL)		2202		2202		-
G 1/2 (1/2" BSP PARALLEL)	G 1/2 (1/2" BSP PARALLEL)		3202		3202		3202
G 1/2 (1/2" BSP PARALLEL)	G 3/8 (3/8" BSP PARALLEL)		1201		-		3201

Example:

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



SHEET 1 OF 2 SHEETS

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