



PARTS LIST & MATERIAL SPECIFICATION			
No.	PART	BRONZE BODY	ST.STL. BODY
1	SEAT	ST.STL. BS EN 10088-3 1.4401 (316)	ST.STL. BS EN 10088-3 1.4401 (316)
2	BODY	BRONZE BS EN 1982 (CC491K) SB-62 C83600	ST.STL. BS EN 10283 1.4408 (316) SA-351 CF8M
3	SEALING PLUG	TO SUIT (SEE TECHNICAL DATA)	TO SUIT (SEE TECHNICAL DATA)
4	PLUNGER	ST.STL. BS EN 10088-3 1.4401 (316)	ST.STL. BS EN 10088-3 1.4401 (316)
5	SPINDLE	ST.STL. BS EN 10088-3 1.4057 (431)	ST.STL. BS EN 10088-3 1.4057 (431)
6	SPRING	ST.STL. BS EN 10270-3 1.4310 (302)	ST.STL. BS EN 10270-3 1.4310 (302)
7	ADJUSTER	BRASS BS EN 12164 CW614N	ST.STL. BS EN 10088-3 1.4401 (316)
8	CAP	BRASS BS EN 12164 CW614N	ST.STL. BS EN 10088-3 1.4401 (316)
9	O'RING	NITRILE	NITRILE
10	COVER	BRASS BS EN 12164 CW614N	ST.STL. BS EN 10088-3 1.4401 (316)
11	WIRELOCKING	ST.STL. & LEAD	ST.STL. & LEAD

APPROVALS

Designed in accordance with BS EN ISO 4126-1
 P.E.D. 2014 /68 /EU
 Type examination Module B, Cert .No. TNS-IS-19-177
 Quality management system Module D, Cert.No. 50319 /1
 Meeting the requirements of the A.S.M.E. Boiler & Pressure Vessel Code, section VIII for air.
 UV Cert. of Authorisation: 35757
 Capacities certified by the National Board of Boiler & Pressure Vessel Inspectors.

TECHNICAL DATA

Relieving pressure = Set pressure +10%
 Reseating pressure = Set pressure -15%
 Maximum pressure = 370 Bar.g.
 Minimum set pressure = 53 Bar.g
 Flow area = 28.2mm²
 Inlet bore diameter = 6.0mm
 Temperature range = -196°C to +70°C
 Derated coefficient of discharge Kdr = 0.77
 N.B. Certified rated slope = 0.7 scfm /psia
 Maximum permissible built up back pressure = 10% of set pressure
 Seal material pressure range = P.T.F.E. up to 202 Bar.g
 = P.P.S. from 202 Bar.g

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



SEETRU LIMITED
 ALBION DOCKSIDE WORKS, BRISTOL. BS1 6UT
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**6.0mm Nominal Bore
 DIRECT SPRING LOADED ENCLOSED
 DISCHARGE SAFETY VALVE FOR
 COMPRESSED GASES**

SHEET 1 OF 2

**APPROVAL TYPE
 329310000**

FLOW CHART

SET PRESSURE Bar.g	53	60	63	83	90	100	150	200	202	240	250	300	350	370
RATED DISCHARGE CAPACITY IN ACCORDANCE WITH BS EN ISO 4126-1, AIR AT 15°C & 1010m bar. Kg/hr	1106	1249	1311	1721	1865	2070	3095	4141	4162	4941	5146	6172	7197	7608

FLOW CHART (A.S.M.E.)

SET PRESSURE Bar.g	768.5	870	913.5	1203.5	1305	1450	2175	2900	2929	3480	3625	4350	5075	5365
RATED DISCHARGE CAPACITY IN ACCORDANCE WITH A.S.M.E., AIR AT 65°F & 14.7 psia/scfm	602	680	714	937	1015	1127	1685	2243	2266	2690	2802	3360	3918	4141

EXAMPLE PART NUMBERS

INLET CONNECTION	OUTLET CONNECTION	EXAMPLE PART NUMBERS	
		BRONZE BODY	ST.STL. BODY
G 3/8 (3/8" BSP PARALLEL)	G 3/4 (3/4" BSP PARALLEL)	329340000	329490000
R 3/8 (3/8" BSP TAPER)		329330000	329380000
G 1/2 (1/2" BSP PARALLEL)		329360000	329390000
R 1/2 (1/2" BSP TAPER)		329400000	329550000
G 3/4 (3/4" BSP PARALLEL)		329350000	-
R 3/4 (3/4" BSP TAPER)		329450000	-
3/4" NPT		329510000	-

NOTE: ABOVE TABLE OF EXAMPLES ARE P.E.D. CERTIFIED ONLY.

OTHER COMBINATIONS ARE AVAILABLE.
CONTACT SEETRU FOR MORE INFORMATION.

OUTLET OPTIONS: BSP OR NPT
CERTIFIED TO P.E.D. OR A.S.M.E. & P.E.D.



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