



PARTS LIST & MATERIAL SPECIFICATION

	329330000 TO 329360000 329400000 329450000 329510000	329380000 & 329390000
1 SEAT	ST.STL. BS EN 10088-3 1.4401 (316)	
2 BODY	BRONZE BS EN 1982 (CC491K) SB-62 C83600	ST.STL.
3 SEALING PLUG	TO SUIT (#)	
4 PLUNGER	ST.STL. BS EN 10088-3 1.4401 (316)	
5 SPINDLE	ST.STL. BS EN 10088-3 1.4057 (431)	
6 SPRING	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	
10 COVER	BRASS BS EN 12164 CW614N	ST.STL. BS EN 10088-3 1.4401 (316)
11 WIRELOCKING	ST.STL. & LEAD	

(#) For sealing plug material see Technical Data below.

APPROVALS

Designed in accordance with ISO4126-1:1991 & BS6759-2:1984

P.E.D.97/23/EC

Type Examination Module B, Cert. No. 2002/038/8878/1

Quality Management System Module D, Cert No. EDS 0002011/01

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 -10% (* see Flow Chart note sheet 2)
Maximum pressure	= 370 Bar.g
Minimum set pressure	= 53 Bar.g
Flow area	= 28.2 mm ²
Inlet bore diameter	= 6.0 mm
Temperature range	= -196°C to 70°C
Derated coefficient of discharge K_{dr}	= 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 AND OPERATING INSTRUCTIONS ETC. SEE TECHNICAL INFORMATION SECTION.



SEETRU LIMITED

ALBION DOCKSIDE WORKS, BRISTOL. BS1 6UT

TELEPHONE +44 (0) 117 927 9204, FAX +44 (0) 117 929 8193

www.seetru.com enquires@seetru.com

6.0mm Nominal Bore
DIRECT SPRING LOADED ENCLOSED DISCHARGE
SAFETY VALVE FOR COMPRESSED GASES
TYPE 329310000

329330000, 329340000
329350000, 329360000
329380000, 329390000
329400000, 329450000
329510000

SHEET 1 OF 2 SHEETS

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 6759, AIR AT 15°C AND 1010m bar. Kg/hr.	1106	1250	1311	1722	1866	2071	3097	4123	4164	4944	5149	5765	7201	7611

* NOTE: ABOVE 240 BAR.G. RESEATING PRESSURE = SET PRESSURE - 15%. DESIGNED IN ACCORDANCE WITH ISO4126-1:1991 ONLY.

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

SET PRESSURE Psi.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 60°F AND 14.7 psia/scfm	602	680	714	937	1015	1127	1685	2243	2266	2690	2802	3360	3918	4141

VALVE SELECTION GUIDE

INLET CONNECTION	OUTLET CONNECTION	ORDERING CODE	
		BRASS	ST.STL.
G 3/8 (3/8" BSP PARALLEL)	G 3/4 (3/4" BSP PARALLEL)	329340000	-
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	-
G 3/4 (3/4" BSP PARALLEL)		329350000	-
R 3/4 (3/4" BSP TAPER)		329450000	-
3/4" NPT		329510000	-



SHEET 2 OF 2 SHEETS

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