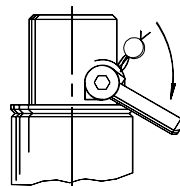


ILLUSTRATED SHOWING  
TYPE S  
SEALED BASIC  
NO EASING GEAR

ALTERNATIVE TOP FITTING



TYPE SL  
SEALED LEVER  
EASING GEAR

PARTS LIST & MATERIAL SPECIFICATION

		97015	98015
1	SEAT	BRASS	ST.STL.
2	DISC	ST.STL. 316	ST.STL. 440B
3	BALL	ST.STL.	
4	DISC HOLDER	ST.STL.	
5	PLUNGER	ST.STL.	
6	BODY	ST.STL.	
7	SPRING	ST.STL.	
8	ADJUSTER	BRASS	ST.STL.
9	SPINDLE	ST.STL.	
10	CAP	BRASS	ST.STL.
11	WIRE & SEAL	ST.STL. & LEAD	
12	COVER	BRASS	ST.STL.

APPROVALS

P.E.D. 97/23/EC

Type examination module B, Cert. No. 2003/03/9274

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

Designed in accordance with BS6759 and ISO 4126.

TECHNICAL DATA

Relieving pressure = Set pressure +10%  
 Reseating pressure = Set pressure -20% or 0.6 Bar.g below 3 Bar.g.  
 Maximum set pressure = 33 Bar.g.  
 Minimum set pressure = 0.3 Bar.g.  
 Flow area = 177mm<sup>2</sup>  
 Inlet bore diameter = 15 mm  
 Derated coefficient discharge of water below 100°C  $K_{dr}$  = @ 10% = 0.54  
 Leak tightness at 90% set pressure to API 527 and in accordance with BS6759 Part 3 1984, Table 9 Grade 2.  
 Greater leak tightness may be achieved on request.  
 Maximum temperature = 250°C Note: For sealed top fittings, max. temp. dependent on seal material.  
 FOR FURTHER INFORMATION, INSTALLATION AND OPERATION INSTRUCTIONS, CONVERSION FACTORS 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

15mm Nominal Bore METAL SEAL  
 DIRECT SPRING LOADED ENCLOSED  
 DISCHARGE SAFETY VALVE FOR LIQUIDS

ENCLOSED DISCHARGE  
 15mm NOMINAL BORE SERIES  
 TYPE 97015 BRASS  
 TYPE 98015 ST.STL.

SHEET 1 OF 2 SHEETS

## FLOW CHART

- TO CALCULATE INTERMEDIATE FLOWS SEE TECHNICAL INFORMATION SECTION

- FOR LOWER FLOWS REFER TO 10mm BORE TYPE 97010 DATA SHEET.

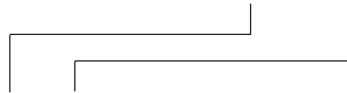
SET PRESSURE Bar.g	3	4	5	6	7	8	9	10	15	20	25	30	33
RATED DISCHARGE * CAPACITY IN ACCORDANCE WITH BS6759, WATER BELOW 100°C AT 10% ACCUMULATION (Litres/min)	147	169	189	207	224	240	254	268	328	379	424	465	487

\* DISCHARGING TO ATMOSPHERE

## VALVE SELECTION CHART

Standard thread sizes shown, other sizes may be available

INLET CONNECTION	OUTLET CONNECTION	ORDERING CODE	TOP FITTING CODE	
			S	SL
G 3/4 (3/4" BSP PARALLEL MALE)	G 1 1/2 (1 1/2" BSP PARALLEL)	97015A 98015A	130	410
R 3/4 (3/4" BSP TAPER MALE)			131	411
G 3/4 (3/4" BSP PARALLEL FEMALE)		97015D 98015D	130	410



Example 1: Ordering code 97015A 130 3 is Brass seated, Sealed Basic type S, with 3/4" BSP parallel MALE inlet connection, 1 1/2" BSP parallel outlet connection, with Viton® O'ring seals.

Example 2: Ordering code 97015D 130 3 is Brass seated, Sealed Basic type S, with 3/4" BSP parallel FEMALE inlet connection, 1 1/2" BSP parallel outlet connection, with Viton® O'ring seals.

## O'RING SEAL CHART

O'RING MATERIAL	10th DIGIT	MAX. STATIC TEMP. °C	MIN. STATIC TEMP. °C
NITRILE	1	150	-30
VITON®	3	250	-20
SILICONE	4	250	-50
NEOPRENE	5	120	-40
E.PROPYLENE	6	150	-40

Notes: For valve types 'S' & 'SL' digits '1 - 6' indicates the required 'O'ring material dependent on the maximum / minimum static temperature.



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 TYPE 97015 BRASS  
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SHEET 2 OF 2 SHEETS