



TYPE SL
SEALED LEVER
EASING GEAR

ALTERNATIVE TOP FITTING



TYPE SB
SEALED BASIC
NO EASING GEAR

PARTS LIST & MATERIAL SPECIFICATION

ITEM	DESCRIPTION	MATERIAL
1	FLANGE	ST.STL.
2	INLET NOZZLE	ST.STL.
3	BODY	ST.STL.
4	DISC	ST.STL. 4408
5	BALL	ST.STL.
6	DISC HOLDER	ST.STL.
7	PLUNGER	ST.STL.
8	SPINDLE	ST.STL.
9	SPRING	ST.STL.
10	ADJUSTER	ST.STL.
11	OUTLET NOZZLE	ST.STL.
12	FLANGE	ST.STL.
13	O'RING	TO SUIT APPLICATION
14	CAP	ST.STL.
15	WIRE & LEAD SEAL	ST.STL. & LEAD

APPROVALS

P.E.D. 2014 /68 /EU
 Type examination module B, Cert No. TNS-IS-19-170
 Quality Management system, module D, Cert. No. 50319 /1
 Designed in accordance with EN ISO 4126-1

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 = 177mm²
 Inlet bore diameter = 15mm
 Derated coefficient discharge of water below 100°C Kdr = @ 10% = 0.54
 Leak tightness at 90% set pressure to API 527 and in accordance with EN ISO 4126-1
 Greater leak tightness may be achieved on request.
 Maximum temperature = 250°C Note: For sealed top fittings, max. temp. depends on seal material.

APPROXIMATE WEIGHT 1" x 1 1/2" = 5.25kg

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) 117 930 6100, FAX +44 (0) 117 929 8193
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15mm NOMINAL BORE,
 DIRECT SPRING LOADED ENCLOSED
 METAL SEAL DISCHARGE SAFETY VALVE,
 FLANGED FOR LIQUIDS

ENCLOSED DISCHARGE
 15mm NOMINAL BORE
 FLANGED CONNECTIONS
 TYPE 98015 ST.STL.

SHEET 1 OF 2

FLOW CHART
 TO CALCULATE INTERMEDIATE FLOWS, SEE TECHNICAL INFORMATION SECTION.
 FOR LESSER FLOWS REFER TO 10mm BORE 98010 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 EN ISO 4126-1, 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
 FLANGE SIZES SHOWN, OTHER SIZES MAY BE AVAILABLE

INLET FLANGE CONNECTION	OUTLET FLANGE CONNECTION	ORDERING CODE	TOP FITTING CODE	
			SB	SL
ASME 1" CL150	1 1/2" CL150	98015 I	603	703
ASME 1" CL300			604	704
ASME 1" CL600			605	705
DN25 PN16	DN40 PN16	98015 P	609	709
DN25 PN25			610	710
DN25 PN40			611	711

Example:
 Ordering code 98015 I 703 3 is an all Stainless Steel, Sealed Lever,

Type SL, ASME 1" CL150 inlet connection, 1 1/2" CL150 outlet connection, with Viton® 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

NOTE:

Digits 1 to 6, indicates the required O'ring material dependent on the maximum/minimum static temperature.



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