

PARTS LIST & MATERIAL SPECIFICATION

ITEM	PART	98010 FLANGE
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 SPIGOT	ST.STL
12	FLANGE	ST.STL
13	O'RING	TO SUIT APPLICATION
14	CAP	ST.STL
15	WIRE & LEAD SEAL	ST.STL & LEAD

APPROVALS

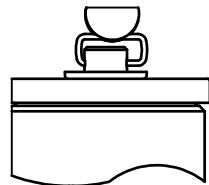
P.E.D. 2014 /68 /EU
 Type examination module B, Cert No. TNS-IS-19-169
 Quality Management system, module D, Cert. No. 50319/1
 Designed in accordance with EN ISO 4126-1

TECHNICAL DATA

Relieving pressure = Set pressure +10%
 Reseating pressure = Set pressure -20% or 0.6 Bar.g below 3 Bar.g
 Maximum set pressure = 28 bar.g
 Minimum set pressure = 0.3 bar.g
 Flow area = 78.5mm²
 Inlet bore diameter = 10mm
 Derated coefficient discharge of water below 100°C Kdr = @ 10% = 0.48
 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.
 FOR FURTHER INFORMATION, INSTALLATION AND OPERATION INSTRUCTIONS, CONVERSION FACTORS ETC.
 SEE TECHNICAL INFORMATION SECTION.

TYPE SL
 SEALED LEVER
 EASING GEAR

ALTERNATIVE TOP FITTINGS



TYPE SB
 SEALED BASIC
 NO EASING GEAR



SEETRU LIMITED

ALBION DOCKSIDE WORKS, BRISTOL. BS1 6UT
 TELEPHONE +44 (0) 117 930 6100, FAX +44 (0) 117 929 8193
 www.seetru.com info@seetru.com

ISSUE A - 12.10.20

10mm NOMINAL BORE,
 DIRECT SPRING LOADED ENCLOSED,
 METAL SEAL DISCHARGE SAFETY VALVE, FLANGED
 FOR LIQUIDS

SHEET 1 OF 2

ENCLOSED DISCHARGE
 10mm NOMINAL BORE
 FLANGED CONNECTIONS
 TYPE 98010 ST.STL.

FLOW CHART

TO CALCULATE INTERMEDIATE FLOWS, SEE TECHNICAL INFORMATION SECTION.
FOR GREATER FLOWS, REFER TO 15mm BORE TYPE 98015 FLANGED DATA SHEET.

SET PRESSURE Bar.g	3	4	5	6	7	8	9	10	15	20	25	28
RATED DISCHARGE * CAPACITY IN ACCORDANCE WITH EN ISO 4126-1, WATER BELOW 100°C AT 10% ACCUMULATION Litres/min	58	67	74	82	89	95	100	106	130	150	167	177

* DISCHARGING TO ATMOSPHERE

VALVE SELECTION CHART

STANDARD THREAD SIZES SHOWN, OTHER SIZES MAY BE AVAILABLE

INLET FLANGE CONNECTION	OUTLET FLANGE CONNECTION	ORDERING CODE	TOP FITTING CODE	
			SB	SL
ASME 3/4" CL150	1" CL150 1" CL300	98010 G 98010 H	600	700
ASME 3/4" CL300			601	701
ASME 3/4" CL600			602	702
ASME 1" CL150			603	703
ASME 1" CL300			604	704
ASME 1" CL600			605	705
DN20 PN16	DN25 PN25 DN25 PN16 DN25 PN40	98010 M 98010 N 98010 O	606	706
DN20 PN25			607	707
DN20 PN40			608	708
DN25 PN16			609	709
DN25 PN25			610	710
DN25 PN40			611	711

Example:

Ordering code 98010 G 700 3 is an all Stainless Steel, Sealed Lever,

Type SL, ASME 3/4" CL150 inlet connection, 1" 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.



SEETRU LIMITED

ALBION DOCKSIDE WORKS, BRISTOL. BS1 6UT
TELEPHONE +44 (0) 117 930 6100, FAX +44 (0) 117 929 8193
www.seetru.com info@seetru.com

10mm NOMINAL BORE,
DIRECT SPRING LOADED ENCLOSED,
METAL SEAL DISCHARGE SAFETY VALVE, FLANGED
FOR LIQUIDS

ENCLOSED DISCHARGE
10mm NOMINAL BORE
FLANGED CONNECTIONS
TYPE 98010 ST.STL.