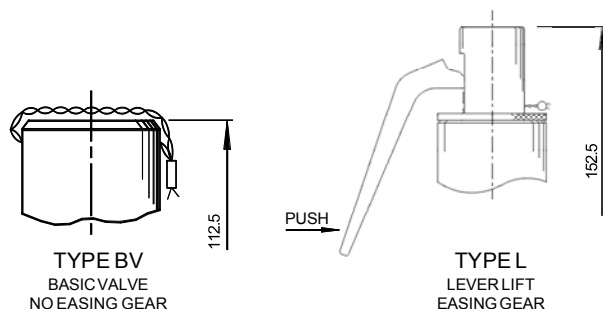


ALTERNATIVE TOP FITTINGS



PARTS LIST & MATERIAL SPECIFICATION

		61613	62613
1	INLET SEAT	BRASS	ST.STL.
2	TUTCHTITE SEAL	SEE SELECTION CHART	
3	SEAL RETAINER	BRASS	ST.STL.
4	PLUNGER	BRASS	
5	BODY	BRASS	
6	SPRING	ST.STL.	
7	SPINDLE	ST.STL.	
8	ADJUSTER	BRASS	
9	LIFTING CAP	BRASS	
10	NAMEPLATE	AL. ALLOY	
11	WIRE AND SEAL	ST.STL & LEAD	

APPROVALS

BS 6759 Part 2 & Part 3 1984 For steam & gas.
 Ad-Merkblatt A2 1993: (TÜV Germany) Ref - TÜV.SV.11-622.13,0.D/G.0,81.p. I.S.O. 4126
 P.E.D. 97/23/EC
 Type examination module B, Cert. No. 01 202 111-B-00015
 Quality management system module D, Cert. No. EDS 0002011/01

TECHNICAL DATA

Relieving pressure = Set pressure +10%
 Reseating pressure = Set pressure -10% (0.3 Bar.g. minimum)
 Maximum set pressure = 41.4 Bar.g.
 Minimum set pressure = 2.8 Bar.g.
 Flow area = 132.7 mm²
 Inlet bore diameter = 13.0 mm
 BS Derated coefficient of discharge K_{dr} = 0.78
 TÜV Derated coefficient of discharge α_w = 0.81
 BS Minimum lift at 10% overpressure = 4.2 mm
 Temperature Range = -30°C to 200°C subject to seal material.

Stable operation on flows down to 50% of valve rated capacity.
 FOR FURTHER INFORMATION, INSTALLATION AND OPERATION INSTRUCTIONS, CONVERSION FACTORS ETC.
 SEE TECHNICAL INFORMATION SECTION

SHEET 1 OF 2 SHEETS



SEETRU LIMITED

ALBION DOCKSIDE WORKS, BRISTOL. BS16 6UT
 TELEPHONE +44 (0) 117 927 9204, FAX +44 (0) 117 929 8193
 www.seetru.com enquires@seetru.com

13mm Nom. Bore BRASS CONSTRUCTION
 DIRECT SPRING LOADED ATMOSPHERIC
 DISCHARGE SAFETY VALVE FOR
 COMPRESSED AIR OR GASES

ATMOSPHERIC DISCHARGE
 SERIES M/1 TYPE
 61613 BRASS
 62613 BRASS / ST.STL.

FLOW CHART: TO CALCULATE INTRMEDIATE FLOWS SEE TECHNICAL INFORMATION SECTION

-FOR GREATER FLOWS REFER TO 18mm BORE TYPE 61618 DATA SHEET, FOR LOWER FLOWS REFER TO 10mm BORE TYPE 61610 DATA SHEETS

SET PRESSURE Bar.g	2.8	3	4	5	6	7	8	9	10	15	20	25	30	35	40	41.4
CERTIFIED DISCHARGE CAPACITY IN ACCORDANCE WITH BS 6759, AIR AT 15°C AND 1013 mbar Std.Litres/s	81	86	107	129	151	173	195	217	239	348	458	567	677	786	896	926
CERTIFIED DISCHARGE CAPACITY IN ACCORDANCE WITH TÜV, AIR AT 0°C AND 1013 mbar Normal m³/h	300	316	396.5	477	557.5	638	718.5	799	880	1282.5	1685	2088	2491	2849	3296.5	3409

VALVE SELECTION CHART

Standard sizes shown, other sizes may be available.

INLET CONNECTION	ORDERING CODE	TOP FITTING CODE		
		R	BV	L
R 3/4 (3/4" BSP TAPER)	61613	0113	0513	7713
R 1 (1" BSP TAPER)	62613	0143	0543	7743

Example:

Ordering code 61613 011 3 is Rotalift easing gear. 3/4" BSP taper inlet connection Viton® seals and wirelocked.

Seal Material:

Last digit of order code calls up Viton® seal (since this is the most universal type). When other material is required the last digit changes to:-

1. NITRILE
3. VITON®
5. NEOPRENE
6. ETHYLENE PROPYLENE

For advise on seal selection refer to Technical Information Section A.



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SHEET 2 OF 2 SHEETS

ATMOSPHERIC DISCHARGE
SERIES M/1 TYPE
61613 BRASS
62613 BRASS / ST.STL.