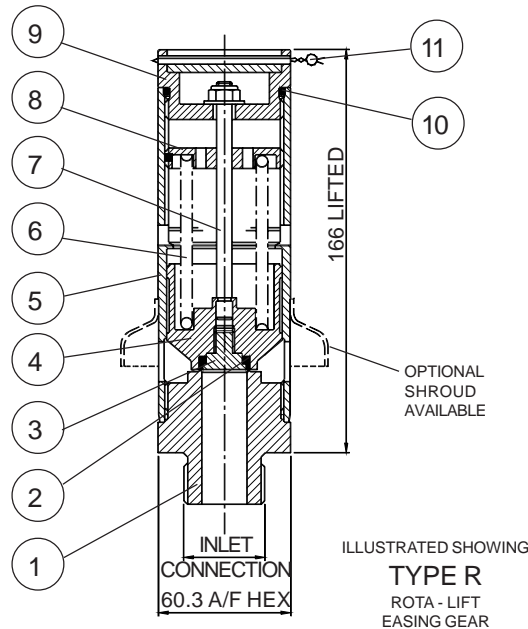


PARTS LIST & MATERIAL SPECIFICATION

	61620, 61720, 61120	62620, 62720, 62120
1	INLET SEAT BRASS BS EN 12164 CZ614N	ST.STL. BS EN 10088-3 1.4401 (316)
2	TUTCHTITE SEAL TO SUIT APPLICATION	
3	SEAL RETAINER BRASS BS EN 12164 CZ614N	ST.STL. BS EN 10088-3 1.4401 (316)
4	PLUNGER BRASS BS EN 12164 CZ614N	
5	BODY BRASS BS EN 12164 CZ614N	
6	SPRING ST.STL. BS EN 10270-3 1.4310 (302)	
7	SPINDLE ST.STL. BS EN 10088-3 1.4057 (431)	
8	ADJUSTER BRASS BS EN 12164 CZ614N	
9	CAP BRASS BS EN 12164 CZ614N	
10	O'RING TO SUIT APPLICATION	
11	WIRE & SEAL ST.STL & LEAD	



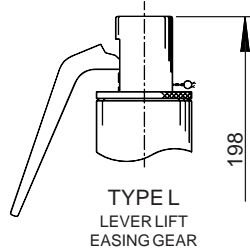
APPROVALS

Designed in accordance with BS 6759 Part 2 & I.S.O. 4126.
 Ad-Merkblatt A2: (TÜV Germany) Ref - TÜV.SV.11-622.20.D/G.0,76.p.
 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
 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.

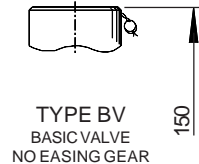
TECHNICAL DATA

Relieving pressure = Set pressure +10%
 Reseating pressure = Set pressure -10% (0.3 Bar.g minimum)
 Maximum set pressure = 18.0 Bar.g
 Minimum set pressure = 2.0 Bar.g
 Flow area = 314 mm²
 Inlet bore diameter = 20 mm
 TÜV Derated coefficient of discharge α_w = 0.76
 Temperature Range = -30°C to 200°C subject to seal material.
 N.B. Certified rated slope = 7.32 scfm/psia
 FOR FURTHER INFORMATION, INSTALLATION AND OPERATION INSTRUCTIONS, CONVERSION FACTORSETC.
 SEE TECHNICAL INFORMATION SECTION.

PREFERRED TYPES



ALTERNATIVE TOP FITTINGS



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

20mm Nom. Bore BRASS CONSTRUCTION
 DIRECT SPRING LOADED ATMOSPHERIC
 DISCHARGE SAFETY VALVE FOR
 COMPRESSED AIR OR GASES

SHEET 1 OF 2 SHEETS

ATMOSPHERIC DISCHARGE
 SERIES M/1 TYPE
 61620, 61720, 61120 BRASS
 62620, 62720, 62120
 BRASS/ST.STL.

FLOW CHART

-TO CALCULATE INTERMEDIATE FLOWS SEE TECHNICAL INFORMATION SECTION

-FOR GREATER FLOWS REFER TO 25mm TYPE 63625 DATA SHEET, FOR LOWER FLOWS REFER TO 18mm BORE TYPE 61618 DATA SHEET

SET PRESSURE Bar.g	2	3	4	5	6	7	8	9	10	15	18
DISCHARGE CAPACITY IN ACCORDANCE WITH BS 6759, AIR AT 15°C AND 1013 mbar Std.Litres/s	147	198	249	300	350	401	452	502	553	806	958
CERTIFIED DISCHARGE CAPACITY IN ACCORDANCE WITH TÜV, AIR AT 0°C AND 1013 mbar Normal m³/h	522.5	701.3	880.3	1059.2	1238.2	1417.1	1595.9	1774.9	1953.8	2848.3	3385.0

BS CALCULATIONS ARE FOR GUIDANCE ONLY

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

SET PRESSURE Psi.g	29	43.5	58	72.5	87	101.5	116	130.5	145	217.5	256
DISCHARGE CAPACITY IN ACCORDANCE WITH A.S.M.E. AIR AT 60°F AND 14.7 psia/scfm	341	458	575	691	808	925	1042	1158	1275	1859	2169

VALVE TYPE OPTIONS:

- 61620 = TUV, B.S. (P.E.D.)
 61720 = A.S.M.E. & N.B.
 61120 = TUV, B.S. (P.E.D.), A.S.M.E. & N.B.

VALVE SELECTION CHART

Standard sizes shown, other sizes may be available.

INLET CONNECTION	ORDERING CODE	TOP FITTING CODE		
		L	R	BV
R 1 (1" BSP TAPER)	61620	7743	0143	0543
	61720			
	61120			
R 1 1/2 (1 1/2" BSP TAPER)	62620	7803	0203	0603
	62720			
	62120			

Example:

Ordering code 61620 014 3 is Rota-lift easing gear. 1" BSP taper inlet connection Viton® seals and wirelocked.

Seal Material:

Last digit of order code calls up 3 Viton® seal (since this is the most universal type).

When other material is required, last digit changes to:-

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

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



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ATMOSPHERIC DISCHARGE
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SHEET 2 OF 2 SHEETS