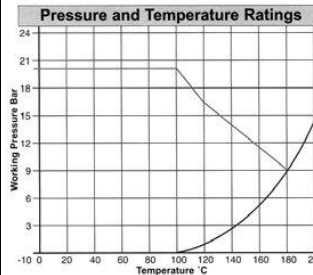


**Description:**

Screwed in Bonnet, Inside Screw  
 Non-Rising Stem, Integral Seat  
 Screwed Female BSP Parallel Threads to BS 21



**Maximum Pressure Conditions**

Max Pressure Conditions (Bar)		Test Pressures (Bar)	
Temperatures Up to 100°C	Temperatures Up to 180°C	Shell	Seat
1/2" - 4"	20.0	9.0	30.0 / 22.0

**Pressure Equipment Directive**

1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
SEP	SEP	SEP	CAT1(CE)	CAT1(CE)	CAT1(CE)	CAT2(CE)	CAT2(CE)	CAT1(CE)

**Flow rates**

	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
Cv	16.4	37.4	66.7	105.3	150.9	269.1	500.8	795.6	1273
Kv	14.0	32.0	57.0	90.0	129.0	230.0	428.0	680.0	1088.0

\* Cv – Flow rate in US GPM at a pressure drop of 1 psi  
 \* Kv – Flow rate in M<sup>3</sup> per hour at a pressure drop of 1 bar

**Material List**

Part No	Qty.	Description	Material	Specification
1	1	Nut	M.S.	BS 916
2	1	Washer	M.S.	BS 916
3	1	Disc Plate	Aluminium	Any Grade
4	1	Hand Wheel	C.I./ Aluminium	BS 1452 Gr 220/Alloy LM2
5	1	Gland Nut	Bronze	BS1400 LG2
6	1	Gland Packing	Teflon	PTFE
7	1	Check Nut	Bronze	BS1400 LG2
8	1	Bonnet	Bronze	BS1400 LG2
9	1	Stem	Brass	CZ114 OF BS 2872/2874
10	1	Wedge	Bronze	BS1400 LG2
11	1	Body	Bronze	BS1400 LG2

Dimensions				
Size	A	B	H	ØW
15	1/2" BSP	46	77	54
20	3/4" BSP	50	85	54
25	1" BSP	55	105	65
32	1 1/4" BSP	61	115	65
40	1 1/2" BSP	63	126	76
50	2" BSP	71	158	82
65	2 1/2" BSP	88	189	100
80	3" BSP	99	226	115
100	4" BSP	118	265	135

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