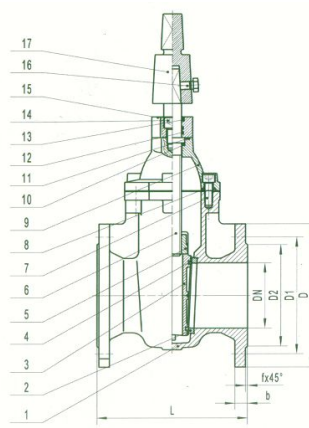


FLANGE END NON-RISING STEM GATE VALVE



Technical requirement

- 1.1BZ45T-16 conforms to BS5163 Type B.
2. Face to face dimension conforms to Series 3 of BS EN558-1.
3. Flange drilled conforms to BS EN1092.
4. Suitable medium: water.

DIMENSIONS (MM)							
SIZE	L	D	D1	D2	B	f	n-d
50	178	165	125	99	19	3	4-19
65	190	185	145	118	19	3	4-19
80	203	200	160	132	19	3	8-19
100	229	220	180	156	19	3	8-19
125	254	250	210	184	19	3	8-19
150	267	285	240	211	19	3	8-23
200	292	340	295	266	20	3	12-23
250	330	405	355	319	22	3	12-28
300	356	460	410	370	24.5	4	12-28
350	381	520	470	429	26.5	4	16-28
400	406	580	525	480	28	4	16-31
450	432	640	585	548	30	4	20-31
500	457	715	650	609	31.5	4	20-34
600	508	840	770	720	36	5	20-37

SCOPE OF APPLICATION	
Nominal Pressure	1.6MPa
Shell Test Pressure	2.4MPa
Seat Test Pressure	1.76MPa
Suitable Medium	Water

MATERIAL LIST			
NO.	Name of part	Material	British Standard
17	cap	cast iron	BS1452 Gr.220
16	bolt	stainless steel	BS970 304S15
15	stuffing box	ductile iron	BS2789 Gr500-7
14	screws	stainless steel	BS970 43A
13	dust proof cover	rubber	
12	o-ring	rubber	
11	O-ring	rubber	
10	washer	cast bronze	BS1400 LG2
9	bonnet	ductile iron	BS2789 Gr500-7
8	gasket	rubber	
7	screws	stainless steel	BS970 304S15
6	stem	stainless steel	BS970 431S29
5	stem nut	cast bronze	BS1400 AB1
4	wedge seat washer	cast brass	BS1400 LG2
3	wedge	ductile iron	BS2789 Gr500-7
2	body seat washer	cast bronze	BS1400 LG2
1	body	ductile iron	BS2789 Gr500-7