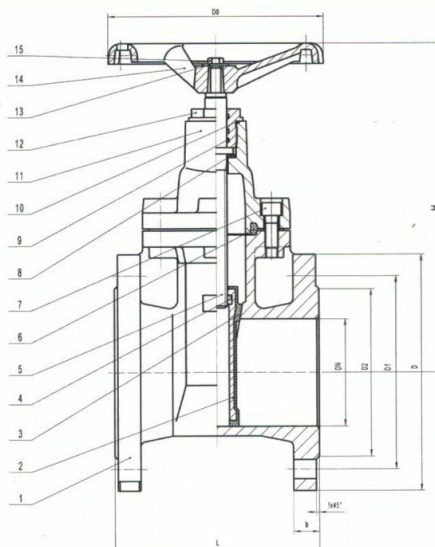


FLANGE END RESILIENT SEAT NON-RISING STEM GATE VALVE



Technical requirement

- Design, manufacture conforms to DIN 3352.
- Face to face dimension conform to Series 14 of BS EN 558-1.
- Flange drilled conforms to BS EN1092.

SCOPE OF APPLICATION

Nominal Pressure		1.6MPa
suitable medium		water
test pressure	shell	2.4MPa
	seat	1.76MPa
test time	DN50-150	60s
	DN>150	120s
temperature		<80°C

MATERIAL LIST

NO.	Name of part	Material	Germany standard
15	bolt	steel	DIN17100 RSt37-2
14	handwheel	ductile iron	DIN1693 GGG50
13	washer	steel	DIN17100 RSt37-2
12	stuffing box	cast brass	DIN17656
11	bonnet	ductile iron	DIN1693 GGG50
10	O-ring	NBR	
9	O-ring	NBR	
8	gasket	Teflon	
7	screws	steel	DIN C30
6	flange gasket	NBR	
5	stem	stainless steel	DIN17440 X20Cr13
4	stem nut	cast brass	DIN17656
3	wedge	NBR	
2	wedge frame	ductile iron	DIN1693 GGG50
1	body	ductile iron	DIN1693 GGG50

DIMENSIONS(MM)

DN	L	D	D1	D2	b	f	n-d	Do
40	140	150	110	84	18	3	4-19	160
50	150	165	125	102	19	3	4-19	160
65	170	185	145	122	19	3	4-19	160
80	180	200	160	132	19	3	8-19	200
100	190	220	180	156	19	3	8-19	200
125	200	250	210	184	19	3	8-19	250
150	210	285	240	211	19	3	8-23	320
200	230	340	295	266	20	3	12-23	320
250	250	405	355	319	22	3	12-28	320
300	270	460	410	370	24.5	4	12-28	360
350	290	520	470	429	26.5	4	16-28	
400	310	580	525	480	28	4	16-31	
450	330	640	585	548	30	4	20-31	
500	350	715	650	609	31.5	4	20-34	
600	390	840	770	720	36	5	20-37	