

Ref. : V4242 pas FR

Rev. : A

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# RISING STEM GATE VALVE Short pattern PN16

## V 4242



### APPLICATION

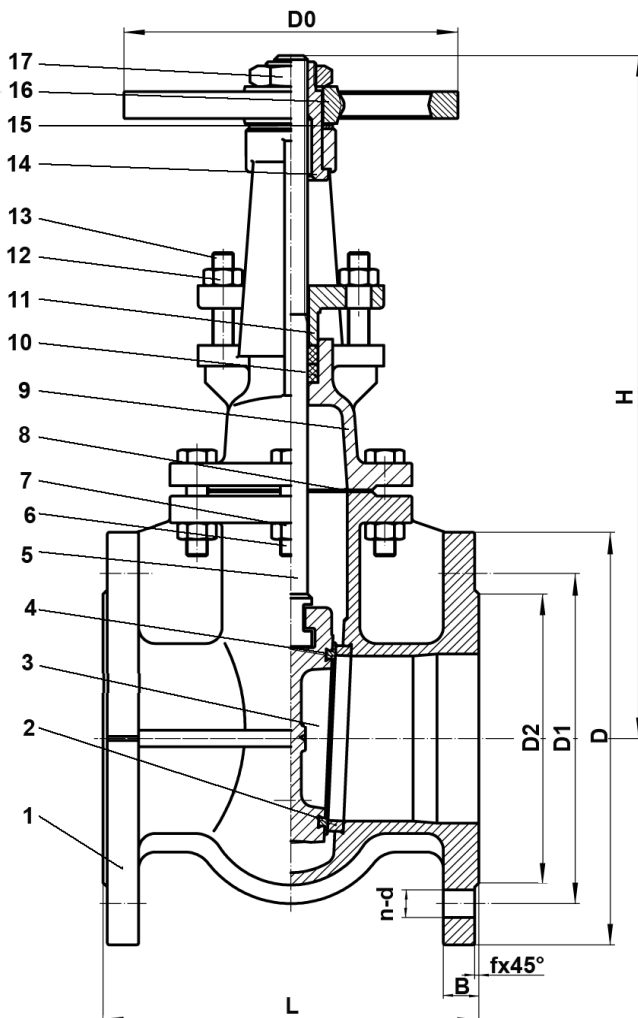
General use : Water supply, irrigation.

### GENERAL CHARACTERISTICS

Design conforms to DIN 1171.  
Ductile iron body - Copper alloy seat  
Rising stem.  
Flanges end - PN16.

### CONSTRUCTION

17	Handwheel nut	Ductile iron	DIN: 1693 GGG50
16	Handwheel	Cast iron	DIN1691 GG25
15	Handwheel gasket	Cast brass	DIN: 17656 G-CuZn37Pb
14	Stem nut	Cast brass	
13	Bolt	Steel	DIN17100 RSt37-2
12	Nut	Steel	DIN17100 RSt37-2
11	Gland follower	Ductile iron	DIN1693 GGG50
10	Packing	Graphite	
9	Bonnet	Ductile iron	DIN1693 GGG50
8	Flange gasket	Graphite	DIN: 1691 GG25
7	Nut	Steel	DIN17100 RSt37-2
6	Bolt	Steel	DIN17100 RSt37-2
5	Stem	Stainless steel	DIN17440 X20Cr13
4	Wedge seat ring	Cast brass	DIN: 17656 G-CuZn37Pb
3	Wedge	Ductile iron	DIN: 1693 GGG50
2	Seat	Cast brass	DIN: 17656 G-CuZn37Pb
1	Body	Ductile iron	DIN: 1693 GGG50
<b>Pos.</b>	<b>Description</b>	<b>Material</b>	



### DIMENSIONS

DN		L	H*	Ø D	Ø D1	Ø D2	B	f	n - d	D0	Weight (Kg)
Mm	inch										
40	1 1/2	140	244/295	150	110	84	16	2	4 - 19	160	9.8
50	2	150	254/315	165	125	99	16	2	4 - 19	160	11.9
65	2 1/2	170	294/371	185	145	118	16	2	4 - 19	160	13.1
80	3	180	331/424	200	160	132	17	2	8 - 19	160	17.2
100	4	190	385/500	220	180	156	17	2	8 - 19	200	23.2
125	5	200	457/598	250	210	184	18	3	8 - 19	200	34.2
150	6	210	545/711	285	240	211	20	3	8 - 23	250	44.4
200	8	230	683/901	340	295	266	21	3	12 - 23	250	77.5
250	10	250	1134/1508	405	355	319	23	3	12 - 28	320	110
300	12	270	1286/1715	460	410	370	24	4	12 - 28	320	155
350	14	290	1463/1945	520	470	429	26.5	4	16 - 28	400	245
400	16	310	1603/2141	580	525	480	28	4	16 - 31	400	324

\* H(closed) / H(opened)

### WORKING CONDITIONS

Maxi working pressure :16 bar.  
Maximum temperature maxi : +180°C

### STANDARD

Face to face according to standard EN 558-1 serie 14.  
Flange connection according to EN 1092-2 PN16.