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## RESILIENT SEATED GATE VALVE (KVS 400-A)



### PRODUCT FEATURES

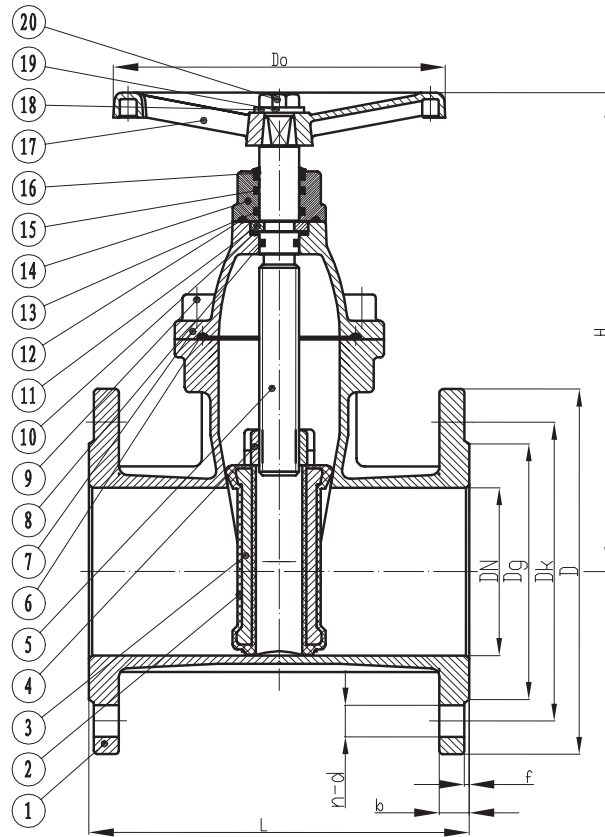
KVS 400-A resilient seated gate valve is designed with straight through bore type with non-rising stem, inside screw and bolted bonnet. Valve allows for two-way flow direction and used for closing or opening the medium flow. This valve can be installed in horizontal and vertical positions in the piping systems. It is widely used in process industries such as Refinery Plant, Fire Protection System and Cooling System, any fluid without acidity or alkalinity

- Ductile iron body & bonnet.
- Wedge of ductile iron fully rubberized with vulcanized EPDM.
- Inside and outside epoxy powder coated min 250  $\mu$ .
- Valves are manufactured in accordance with BS 5163.
- Flanges are according to BS 4504 PN16 (Equivalent to BS EN 1092 PN16).
- 100% Leak-Tight closure.

### TEMPERATURE / PRESSURE RATING

- Operating temperature: Max + 130°C
- Operating pressure: 16 bar
- Shell test pressure: Up to 24 bar
- Sealing test pressure: 17.6 bar

## DRAWING



## MATERIALS

No.	Component	Material	Standard BS EN
1	Body	Ductile Iron	BSEN1563
2	Disc	Ductile Iron + EPDM Outside	BS278409
3	Wedge Skeleton	Ductile Iron	BSEN1563
4	Wedge Nut	Cast Bronze	BS1400
5	Stem	Stainless Steel	410S21
6	Gasket	EPDM	
7	Bonnet	Ductile Iron	BSEN1563
8	O-Ring	EPDM	
9	Bolts	Steel	BS970
10	Packing Washer	PTFE	
11	Card set	Brass	
12	O-Ring	EPDM	
13	O-Ring	EPDM	
14	Gland Follower	Ductile Iron	BSEN1563
15	O-Ring	EPDM	
16	Dust Cover	EPDM	
17	Hand Wheel	Ductile Iron	BSEN1563
18	Identification	Aluminium	
19	Washer	Steel	BS970
20	Bolt	Steel	BS970



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## DIMENSIONS

Size		L (mm)	Dg (mm)	Dk (mm)	D (mm)	f (mm)	b (mm)	n-d	Do (mm)	H (mm)
DN	INCH									
50	2"	178	99	125	165	3	19	4-Ø19	160	210
65	2.1/2"	190	118	145	185	3	19	4-Ø19	200	237
80	3"	203	132	160	200	3	19	8-Ø19	200	274
100	4"	229	156	180	220	3	19	8-Ø19	200	300
125	5"	254	184	210	250	3	19	8-Ø19	250	364
150	6"	267	211	240	285	3	19	8-Ø23	250	404
200	8"	292	265	295	340	3	20	12-Ø23	320	497
250	10"	330	319	355	400	3	22	12-Ø28	370	590
300	12"	356	370	410	455	4	24.5	12-Ø28	370	667
350	14"	381	429	470	520	4	26.5	16-Ø28	450	882
400	16"	406	480	525	580	4	28	16-Ø31	450	956
450	18"	432	548	585	640	4	30	20-Ø31	640	1027
500	20"	457	609	650	715	4	31.5	20-Ø34	640	1106
600	24"	508	720	770	840	5	36	20-Ø37	640	1258

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