

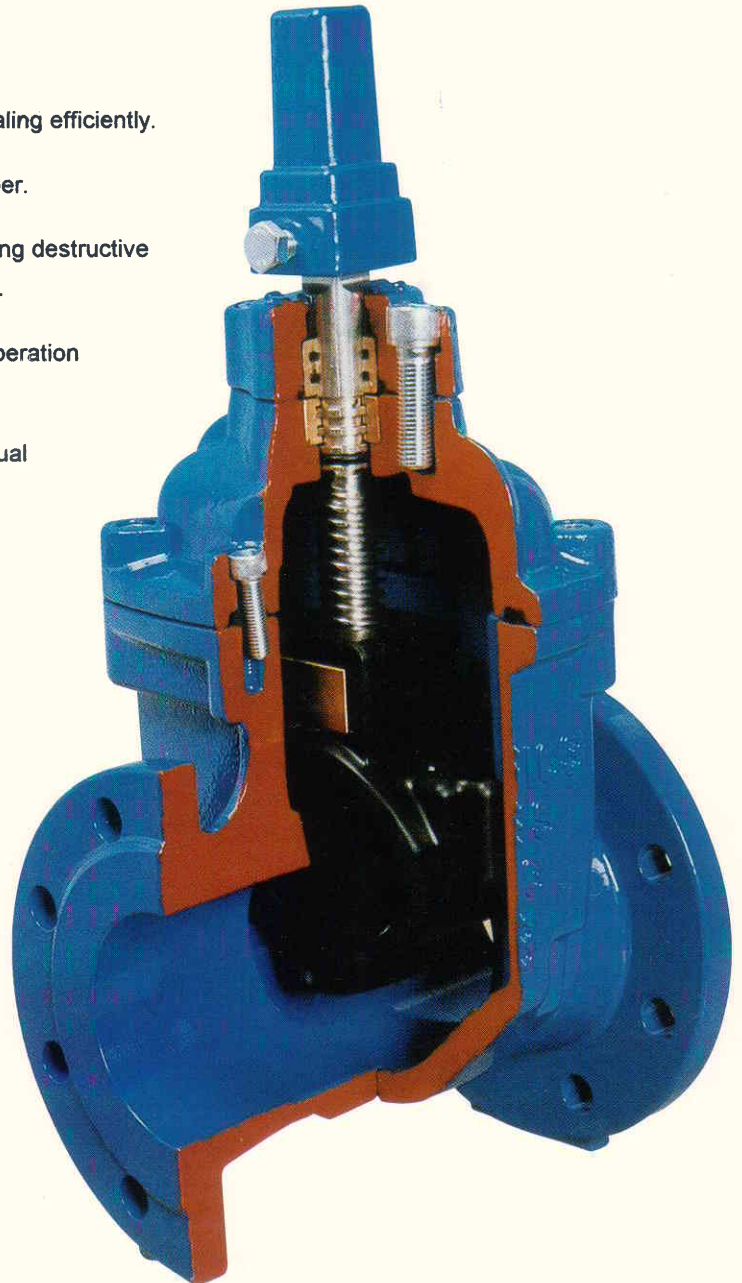
TKV RESILIENT SEATED GATE VALVE

50mm to 600mm, PN10 & PN16 Pressure Ratings

The TKV Resilient Seated Gate Valve, exceeds the requirements of BS 5163 Type B

MAIN FEATURES & BENEFITS

- ◆ Unique Wedge design provides strength and sealing efficiently.
- ◆ Wedge fully encapsulated in NBR or EPDM rubber.
- ◆ Wedge stop indicates "fully open valve" preventing destructive of sealings and internal coating during operation.
- ◆ Full length wedge guides ensure fixed vertical operation and to prevent damages under throttling.
- ◆ Copper alloy stem nut mounted to permit individual removal conforming to BS 5163 requirement.
- ◆ Triple independent 'O' rings (NBR) on polished stainless steel stem ensures watertight sealing and longer life.
- ◆ Stem 'O' ring replaceable under full pressure conditions.
- ◆ Fusion Bonded Epoxy Powder (FBE) coating to AWWA C210-84.
- ◆ Low frictional characteristics ensuring ease of operation.
- ◆ Non-metallic materials in contact with potable water to BS 6920.
- ◆ Clear full bore for optimum flow and under pressure tapping.
- ◆ Valve to close clockwise unless otherwise specified.



APPLICATION

- ◆ Drinking Water, sewage, seawater, etc.
- ◆ Air-conditioning or compressed air.
- ◆ Industrial services.
- ◆ Irrigation and fire lines.
- ◆ Pressure or vacuum.

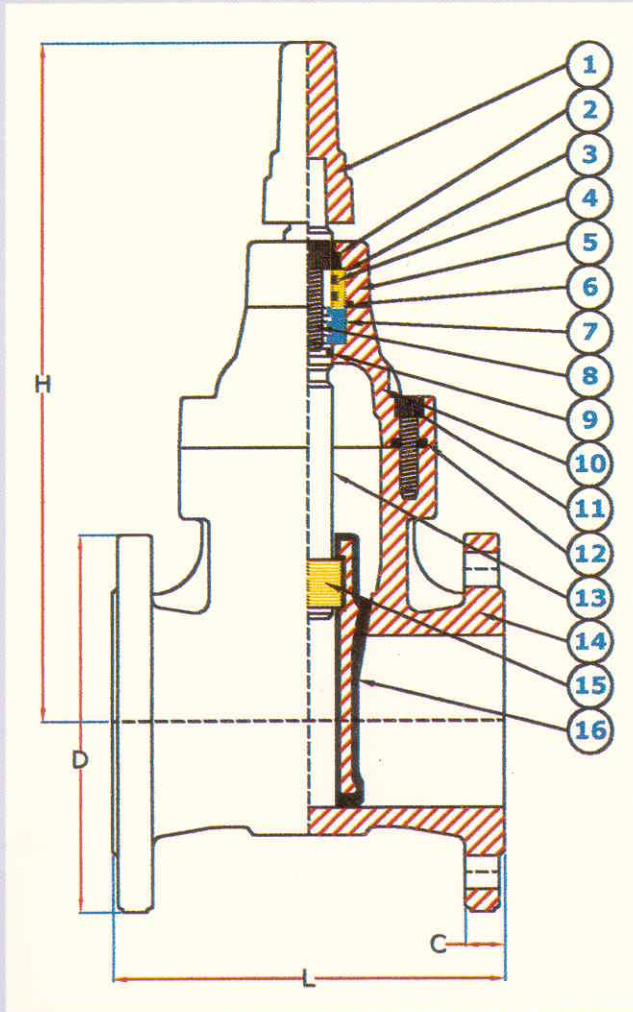


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TKV GATE VALVE



NO	Component	Material
1	Stem Cap	Ductile Iron ,BS EN1563 Grade 420/12 or 500/7
2	Dust Cover	NBR ,BS EN 681-1 Type WA
3	Seal Cartridge	Gunmetal ,BS 1400 LG 2
4	O Ring Seal	NBR ,ASTMD 2000 70°IRHD
5	Gland	Ductile Iron ,BS EN 1563 Grade 420/12 or 500/7
6	Gland Seal	NBR ,ASTMD 2000 70°IRHD
7	Thrust Collar	Gunmetal ,BS1400 LG2
8	Gland Bolt	Zinc Coated Steel/S.S. ,BS 970 Part 1 304S31
9	Dust Seal	NBR ,ASTMD 2000 70°IRHD
10	Bonnet	Ductile Iron ,BS EN 1563 Grade 420/12 or 500/7
11	Bonnet Bolt	Zinc Coated Steel/S.S. ,BS 970 Part 1 304S31
12	Bonnet Gasket	NBR ,BS EN 681-1 Type WA
13	Stem	Stainless Steel ,BS 970:Part 1 431S29
14	Valve Body	Ductile Iron ,BS EN 1563 Grade 420/12 or 500/7
15	Stem Nut	Gunmetal ,BS 1400 LG2
16	Resilient Wedge	NBR or EPDM ,BS EN 681-1 Type WA

FEATURE	SPECIFICATION
Face to Face Dimension	BS 5163
Flange Drillings	BS EN 1092-2/ISO 7005 PN 16 other drillings available
Maximum Service Temperature	70°C
Works Test Pressure	Each valve is individually tested to BS 5163 Body Test 1.5 x Maximum Working Pressure Seat Test 1.1 x Maximum Working Pressure
Operating Stem	12 mm lead
Direction of Closing	Clockwise closing unless otherwise specified

Dimensions in millimetres (Sizes shown are PN 10/16 valves)

DN	L	H	C	D	WEIGHT,KG
80	203	370	19	200	24
100	229	400	19	220	33
150	267	550	19	285	69
200	292	670	20	340	106
250	330	700	22	405	166
300	356	810	25	460	234
350	381	950	27	520	325
400	406	1000	28	580	370
450	432	1080	30	640	502
500	457	1180	32	715	640
600	508	1300	36	840	1030

AGENT

All information in this brochures was correct to the best of our knowledge when originally printed. Pipemate reserves the right to make changes without notice to product specifications and manufacture processes given the company's policy of continual product improvement.