



GATE VALVE

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KING VALVES INDIA

VALVES | AUTOMATION | FLANGES & FITTINGS

AN ISO 9001 : 2015 CERTIFIED CO.

P.NO.	QTY.	PARTS
1	1	Body
2	1	Bonnet
3	1	Wedge
4	1	Stem
5	2	Seat Rings
6	1	Backseat Bushing
7	1	Gland
8	1	Gland Flange
9	1	Yoke Sleeve
10	1	Sleeve Retainer
11	5min.	Stem Packings
12	1	Bonnet Gasket
13	Req.	Bonnet Studs
14	Req.	Bonnet Nuts
15	2 - 2	Gland Eye Bolts & Nuts
16	2 - 2	Gland Lug Bolts & Nuts
17	1	Handwheel
18	1	Handwheel Nut

FEATURES

Design Standards	:	API 600 / BS 1414
		Bolted Bonnet
Design Configurations	:	Rising Stem
		Outside Screw Stem & Yoke
		Flexible Wedge
Face to Face	:	ASME B16.10
Size Range	:	1" - 48" (DN25 - DN1200)
Inspection and Testing Std.	:	API 598

TEST PRESSURE

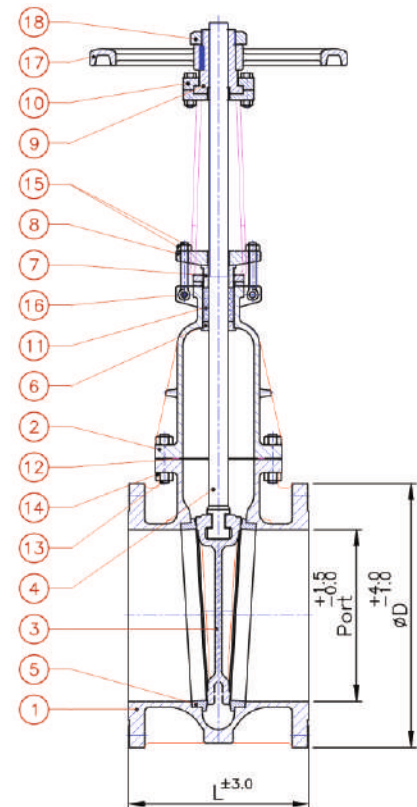
Class 150	Testing Hydraulic	Body	Seat & Back Seat
		450 Psig	315 Psig
		32 kg/cm ²	22 kg/cm ²

AVAILABLE OPTIONS

Structure	Operation	Handwheel, Gear and Actuation
	End Connection	Flanged Ends to ASME B16.5 RF 150#, Butt Weld End to ASME B16.25
Material	Body	WCB, WC6, WC9, C5, CF8, CF8M, CF3, Etc.
	Trims	API Trim No. 5, 8, 10, 12, 16

SIZE 150 MM TO 1000 MM

Size	150	200	250	300	350	400	450	500	600	650	700	750	800	850	900	950	1000
Port	152	203	254	305	337	387	438	489	591	642	692	743	794	845	895	946	997
L Face to Face - RF	267	292	330	356	381	406	432	457	508	559	610	610	711	711	711	762	811
øD	280	345	405	485	535	595	635	700	815	785	835	885	940	1005	1055	1125	1175



SIZE 25 MM TO 125 MM

Size	25	32	40	50	65	80	100	125
Port	25	32	38	51	64	76	102	127
L Face to Face - RF	127	140	165	178	190	203	229	254
øD	110	115	125	150	180	190	230	255

P.NO.	QTY.	PARTS
1	1	Body
2	1	Bonnet
3	1	Wedge
4	1	Stem
5	2	Seat Rings
6	1	Backseat Bushing
7	1	Gland
8	1	Gland Flange
9	1	Yoke Sleeve
10	5min.	Stem Packings
11	1	Bonnet Gasket
12	Req.	Bonnet Studs
13	Req.	Bonnet Nuts
14	2 - 2	Gland Eye Bolts & Nuts
15	2 - 2	Gland Lug Bolts & Nuts
16	Req.	Gear Box Clamping Bolts & Nuts
17	1	Gear Box

FEATURES

Design Standards	:	API 600 / BS 1414
Design Configurations	:	Bolted Bonnet Rising Stem Outside Screw Stem & Yoke Flexible Wedge
Face to Face	:	ASME B16.10
Size Range	:	1" - 30" (DN25 - DN750)
Inspection and Testing Std.	:	API 598

TEST PRESSURE

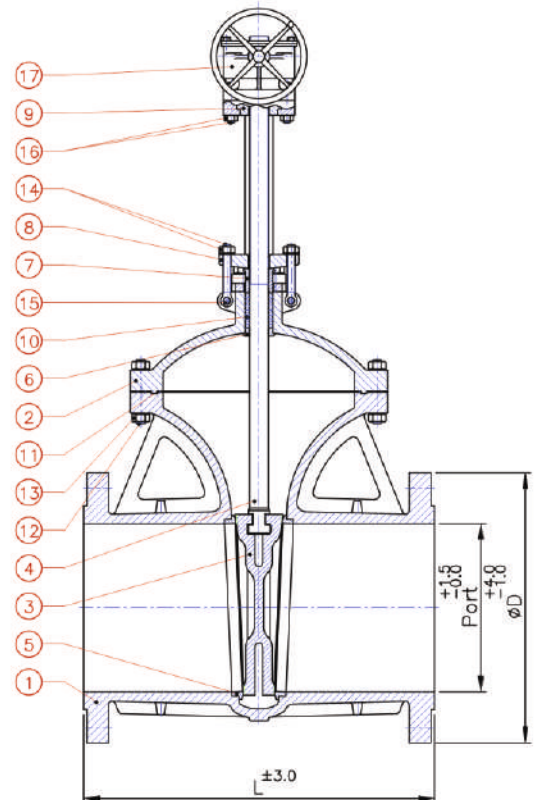
Class 300	Testing Hydraulic	Body 1125 Psig 79 kg/cm ²	Seat & Back Seat 815 Psig 57 kg/cm ²
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AVAILABLE OPTIONS

Structure	Operation	Handwheel, Gear and Actuation
	End Connection	Flanged Ends to ASME B16.5 RF 300#, Butt Weld End to ASME B16.25
Material	Body	WCB, WC6, WC9, C5, CF8, CF8M, CF3, Etc.
	Trims	API Trim No. 5, 8, 10, 12, 16

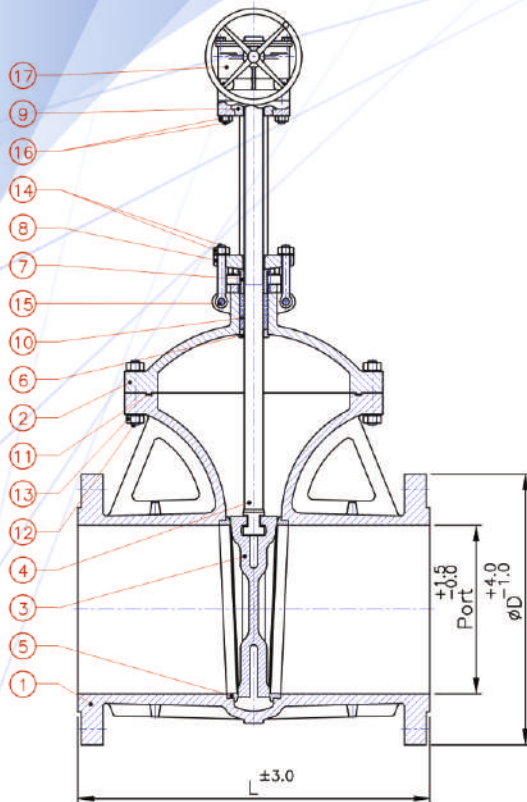
SIZE 100 MM TO 750 MM

Size	100	125	150	200	250	300	350	400	450	500	600	650	700	750
Port	102	127	152	203	254	305	337	387	432	483	584	642	692	743
L Face to Face - RF	305	381	403	419	457	502	762	838	914	991	1143	1245	1346	1397
øD	255	280	320	380	445	520	585	650	710	775	915	865	920	990



SIZE 25 MM TO 80 MM

Size	25	32	40	50	65	80
Port	25	32	38	51	64	76
L Face to Face - RF	165	178	190	216	241	282
øD	125	135	155	165	190	210



P.NO.	QTY.	PARTS
1	1	Body
2	1	Bonnet
3	1	Wedge
4	1	Stem
5	2	Seat Rings
6	1	Backseat Bushing
7	1	Gland
8	1	Gland Flange
9	1	Yoke Sleeve
10	5min.	Stem Packings
11	1	Bonnet Gasket
12	Req.	Bonnet Studs
13	Req.	Bonnet Nuts
14	2 - 2	Gland Eye Bolts & Nuts
15	2 - 2	Gland Lug Bolts & Nuts
16	Req.	Gear Box Clamping Bolts & Nuts
17	1	Gear Box

FEATURES

Design Standards	:	API 600 / BS 1414
Design Configurations	:	Bolted Bonnet Rising Stem Outside Screw Stem & Yoke Flexible Wedge
Face to Face	:	ASME B16.10
Size Range	:	1½" - 18" (DN40 - DN450)
Inspection and Testing Std.	:	API 598

TEST PRESSURE

Class 600	Testing Hydraulic	Body 2225 Psig 157 kg/cm ²	Seat & Back Seat 1630 Psig 115 kg/cm ²
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AVAILABLE OPTIONS

Structure	Operation	Handwheel, Gear and Actuation
	End Connection	Flanged Ends to ASME B16.5 RF 600#, RTJ, Butt Weld End to ASME B16.25
Material	Body	WCB, WC6, WC9, C5, CF8, CF8M, CF3, Etc.
	Trims	API Trim No. 5, 8, 10, 12, 16

SIZE 40 MM TO 450 MM

Size	40	50	65	80	100	125	150	200	250	300	350	450
Port	38	51	64	76	102	127	152	200	248	298	327	419
L Face to Face - RF	241	292	330	356	432	508	559	660	787	838	889	1092
ØD	155	165	190	210	275	330	355	420	510	560	605	745

P.NO.	QTY.	PARTS
1	1	Body
2	1	Bonnet
3	1	Wedge
4	1	Stem
5	2	Seat Rings
6	1	Backseat Bushing
7	1	Gland
8	1	Gland Flange
9	1	Yoke Sleeve
10	5min.	Stem Packings
11	1	Bonnet Gasket (RTJ)
12	Req.	Bonnet Studs
13	Req.	Bonnet Nuts
14	2 - 2	Gland Eye Bolts & Nuts
15	2 - 2	Gland Lug Bolts & Nuts
16	Req.	Gear Box Clamping Bolts & Nuts
17	1	Gear Box

FEATURES

Design Standards	:	API 600 / BS 1414
Design Configurations	:	Pressure Seal Bonnet / Bolted Bonnet / Rising Stem Outside Screw Stem & Yoke Flexible Wedge
Face to Face	:	ASME B16.10
Size Range	:	1½" - 20" (DN40 - DN500)
Inspection and Testing Std.	:	API 598

TEST PRESSURE

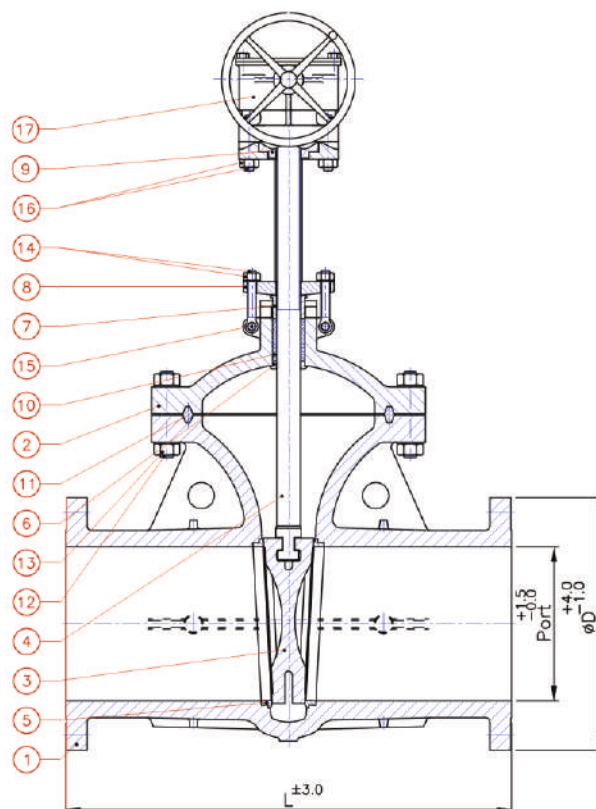
Class 900	Testing Hydraulic	Body 3350 Psig 236 kg/cm ²	Seat & Back Seat 2445 Psig 172 kg/cm ²
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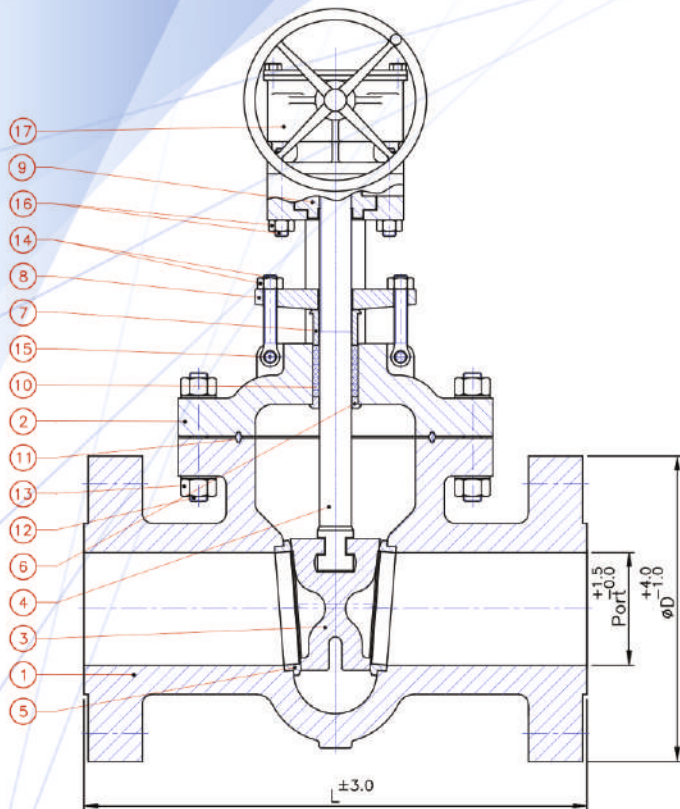
AVAILABLE OPTIONS

Structure	Operation	Handwheel, Gear and Actuation
	End Connection	Flanged Ends to ASME B16.5 RF 900#, RTJ, Butt Weld End to ASME B16.25
Material	Body	WCB, WC6, WC9, C5, CF8, CF8M, CF3, Etc.
	Trims	API Trim No. 5, 8, 10, 12, 16

SIZE 40 MM TO 500 MM

Size	40	50	65	80	100	125	150	200	250	300	400	500
Port	35	47	57	73	98	121	146	191	238	282	356	445
L Face to Face - RF	305	368	419	381	457	559	610	737	838	965	1130	1321
øD	180	215	245	240	290	350	380	470	545	610	705	855





P.NO.	QTY.	PARTS
1	1	Body
2	1	Bonnet
3	1	Wedge
4	1	Stem
5	2	Seat Rings
6	1	Backseat Bushing
7	1	Gland
8	1	Gland Flange
9	1	Yoke Sleeve
10	5min.	Stem Packings
11	1	Bonnet Gasket (RTJ)
12	Req.	Bonnet Studs
13	Req.	Bonnet Nuts
14	2 - 2	Gland Eye Bolts & Nuts
15	2 - 2	Gland Lug Bolts & Nuts
16	Req.	Gear Box Clamping Bolts & Nuts
17	1	Gear Box

FEATURES

Design Standards	:	API 600 / BS 1414
Design Configurations	:	Pressure Seal Bonnet / Bolted Bonnet / Rising Stem / Outside Screw Stem & Yoke / Flexible Wedge
Face to Face	:	ASME B16.10
Size Range	:	2" - 12" (DN50 - DN300)
Inspection and Testing Std.	:	API 598

TEST PRESSURE

Class 1500	Testing Hydraulic	Body 5575 Psig 392 kg/cm ²	Seat & Back Seat 4080 Psig 287 kg/cm ²
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AVAILABLE OPTIONS

Structure	Operation	Handwheel, Gear and Actuation
	End Connection	Flanged Ends to ASME B16.5 RF 1500#, RTJ, Butt Weld End to ASME B16.25
Material	Body	WCB, WC6, WC9, C5, CF8, CF8M, CF3, Etc.
	Trims	API Trim No. 5, 8, 10, 12, 16

SIZE 50 MM TO 250 MM

Size	50	80	100	125	150	200	250
Port	47	70	92	111	136	178	222
L Face to Face - RF	368	470	546	673	705	832	991
øD	215	265	310	375	395	485	585

P.NO.	QTY.	PARTS
1	1	Body
2	1	Bonnet
3	1	Wedge
4	1	Stem
5	2	Seat Rings
6	1	Backseat Bushing
7	1	Gland
8	1	Gland Flange
9	1	Yoke Sleeve
10	5min.	Stem Packings
11	1	Bonnet Gasket (RTJ)
12	Req.	Bonnet Studs
13	Req.	Bonnet Nuts
14	2 - 2	Gland Eye Bolts & Nuts
15	2 - 2	Gland Lug Bolts & Nuts
16	Req.	Gear Box Clamping Bolts & Nuts
17	1	Gear Box

FEATURES

Design Standards	:	API 600 / BS 1414
	:	Pressure Seal Bonnet /
Design Configurations	:	Bolted Bonnet / Rising Stem
	:	Outside Screw Stem & Yoke
	:	Flexible Wedge
Face to Face	:	ASME B16.10
Size Range	:	2" - 18" (DN50 - DN450)
Inspection and Testing Std.	:	API 598

TEST PRESSURE

Class 2500	Testing Hydraulic	Body 9275 Psig 652 kg/cm ²	Seat & Back Seat 6790 Psig 277 kg/cm ²
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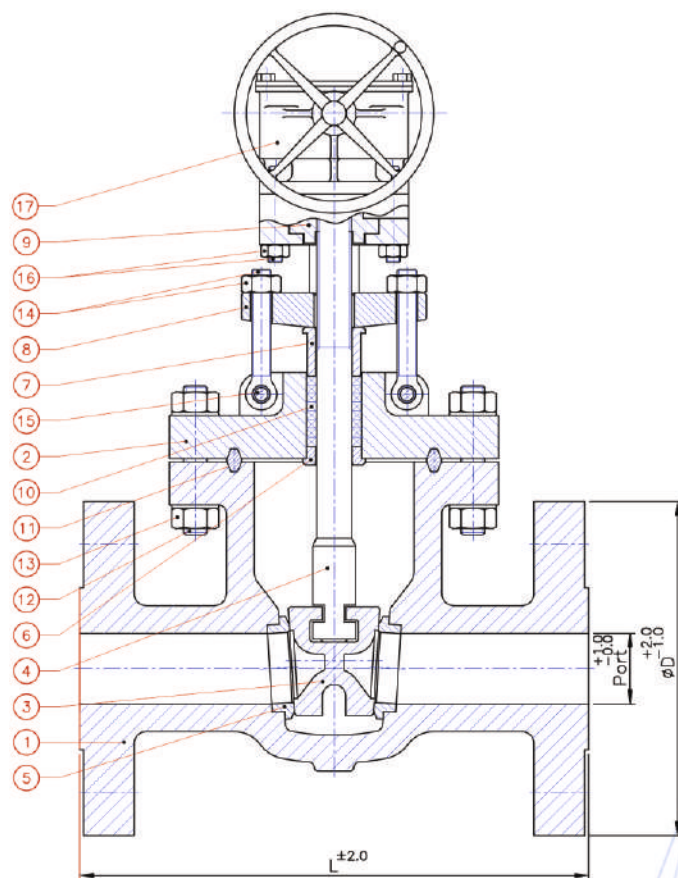
AVAILABLE OPTIONS

Structure	Operation	Handwheel, Gear and Actuation
	End Connection	Flanged Ends to ASME B16.5 RF 2500#, RTJ, Butt weld End to ASME B16.25
Material	Body	WCB, WC6, WC9, C5, CF8, CF8M, CF3, Etc.
	Trims	API Trim No. 5, 8, 10, 12, 16

All Dimensions are in mm

SIZE 50 MM TO 80 MM

Size	50	65	80
Port	38	47	57
L Face to Face - RF	451	508	578
øD	235	265	305





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