

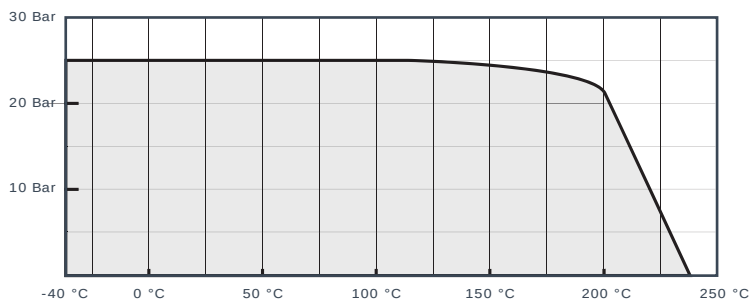
High Performance Butterfly Valve

Lugged **PN16/25** 2" to 3", **PN16** 4" to 12", Double Offset, Carbon Steel Body, Stainless Steel Disc & Shaft, RPTFE Seat, Lever Operated 2" to 5", Gearbox Operated 6" to 12"

Pressure / Temperature Specifications

Pressure	PN25
Temperature	-60°C to 230°C

Pressure/Temperature Chart

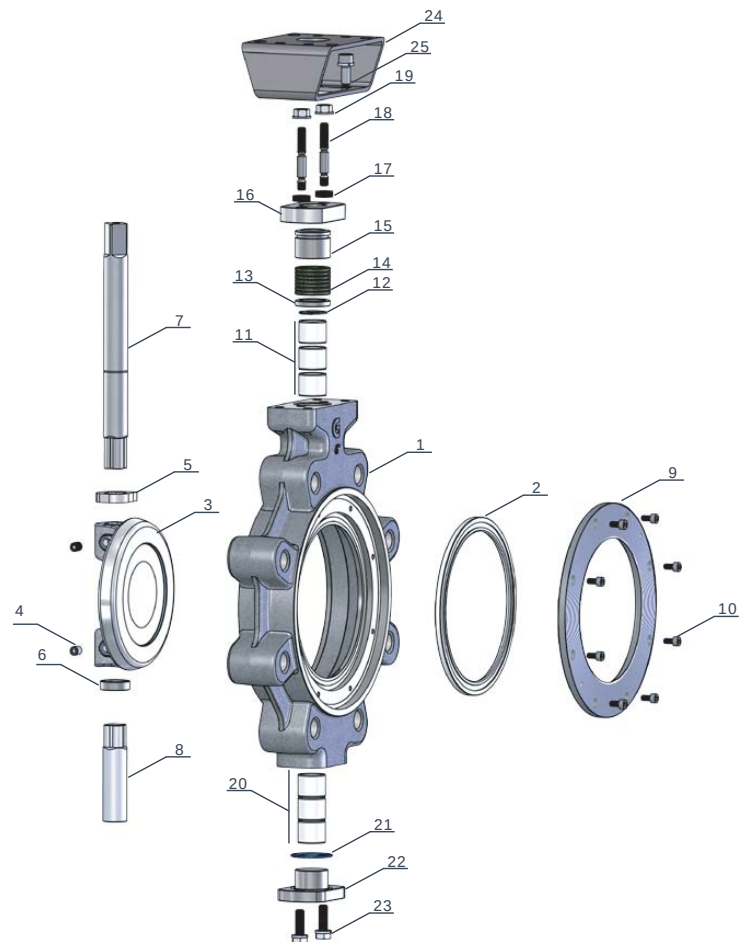


Material Specifications

1	Body	A216 Carbon Steel
2	Seat	RPTFE
3	Disc	CF8M Stainless Steel
4	Locking Pins	316 Stainless Steel
5	Upper Spacer	316 Stainless Steel
6	Lower Spacer	316 Stainless Steel
7	Upper Shaft	A564 Gr630 Steel
8	Lower Shaft	A564 Gr630 Steel
9	Seat Retaining Flange	316 Stainless Steel
10	Screw	316 Stainless Steel
11	Upper Bush	Steel & PTFE
12	Retaining Ring	316 Stainless Steel
13	Thrust Block	316 Stainless Steel
14	Shaft Packing	Graphite
15	Gland	316 Stainless Steel
16	Gland Flange	316 Stainless Steel
17	Spring Set	Stainless Steel
18	Rods	316 Stainless Steel
19	Nut	316 Stainless Steel
20	Lower Bush	Steel & PTFE
21	O-ring	PTFE
22	Lower Plug	316 Stainless Steel
23	Screw	316 Stainless Steel
24	Upper Flange	Epoxy Coated Steel
25	Screw	316 Stainless Steel
	Lever (2" to 5")	Aluminium
	Gearbox (6" to 12")	GG25 Cast Iron

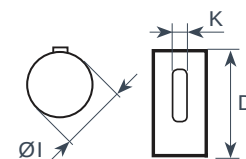
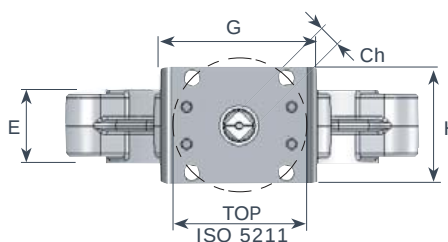
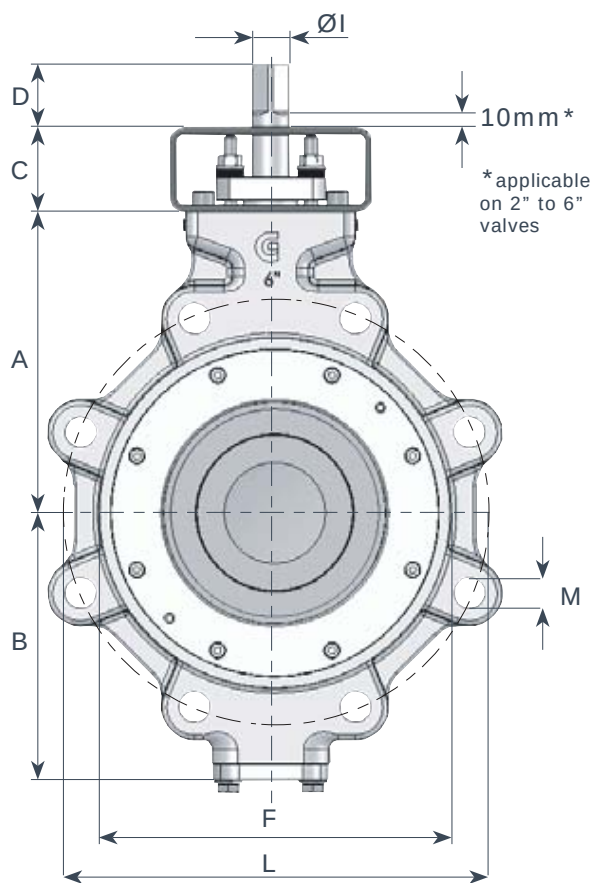
Weights

Size	2"	2½"	3"	4"	5"	6"	8"	10"	12"
Kg	6.3	7.6	8.2	10.4	15.8	21.1	46.1	54.5	70.5



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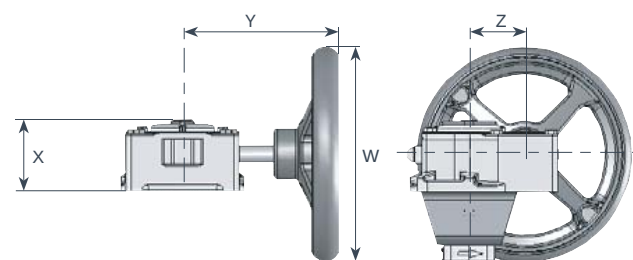
LV 9500



Shaft Design for 8" to 12" Valves



Lever Operation for 2" to 5" Valves



Gearbox Operation for 6" to 12" Valves

Dimensions

	2"	2 ½"	3"	4"	5"	6"	8"	10"	12"
A	117	120	129	160	170	179	218	257	300
B	81	93	101	128	159	168	207	232	270
C	50	50	50	50	50	50	60	80	80
D	34	34	34	34	38	38	40	60	60
E	43	46	46	52	56	56	61	69	78
F	95	105	127	150	174	210	270	325	378
G	100	100	100	100	120	120	120	160	160
H	70	70	70	70	90	90	90	130	130
ØI	14	14	14	18	22	22	25	30	35
Ch	11	11	11	14	17	17	-	-	-
K	-	-	-	-	-	-	8	10	10
L	125	145	160	190	220	250	310	370	430
M	4x16	8x16	8x16	8x20	8x24	8x24	12x24	12x27	16x27
Top	F07	F07	F07	F07	F10	F10	F10	F12	F12
V	93	93	93	93	125	-	-	-	-
W	220	220	220	275	340	Ø200	Ø200	Ø300	Ø300
X	67	67	67	67	76	63	63	88	88
Y	-	-	-	-	-	217	217	292	292
Z	-	-	-	-	-	52	52	71	71

Torque Figures (Nm)

Size	2"	2 ½"	3"	4"	5"	6"	8"	10"	12"
10 Bar	24.0	34.0	38.0	45.0	85.0	130.0	180.0	330.0	580.0
16 Bar	30.0	38.0	45.0	56.0	90.0	145.0	240.0	450.0	640.0
20 Bar	40.0	48.0	54.0	62.0	105.0	170.0	270.0	520.0	740.0
25 Bar	47.0	60.0	68.0	81.0	120.0	210.0	390.0	580.0	850.0