Fig.4925 & Fig.4925G Butterfly Valves

FEATURES & BENEFITS

- Robust, ductile iron valve bodies for long service life
- Stainless steel disc for improved strength and a wide range of applications
- Suitable for wide temperature range -10°C to 120°C
- Fully lugged for secure installation
- Rated PN25 for higher pressure applications
- Lever (4925) and Gearbox (4925G) options available
- Extended size range for application requirements

MATERIAL SPECIFICATION

No.	Component	Material	Specification	Size
1	Body	DI (EN-GJS-400-15)	ASTM A536 65-45-12	DN50 - DN300
1	Body	Ductile Iron	EN-GJS-450-10	DN350 - DN600
2	Disc	Stainless Steel 304	ASTM A351 CF8	-
3	Shaft	Stainless Steel 431	ASTM A276 431	DN50 - DN300
3	Shaft	Stainless Steel 630	ASTM A564 630	DN350 - DN600
4	Short Bushing	Aluminum Bronze	ASTM B148-952A	-
5	Seat	EPDM	-	-
6	Long Bushing	Aluminum Bronze	ASTM B148-952A	-
7	Long Bushing	Aluminum Bronze	ASTM B148-952A	-
8	'O' Ring	NBR	-	-
9	Pin	Stainless Steel 431	ASTM A276 431	DN50 - DN300
9	Pin	Stainless Steel 630	ASTM A564 630	DN350 - DN600
10	Top Cap (Fig.4925)	Carbon Steel	ASTM A194 Gr. 2H	-
10	Hand Wheel (Fig.4925G)	-	-	-
11	Bolt	Carbon Steel	ASTM A194 Gr. 2H	-
12	Lever (Fig.4925)	Malleable Iron	ASTM Gr. 32510	-
12	Gear Box (Fig.4925G)	Cast Iron	EN-GJL-250	DN50 - DN300
12	Gear Box (Fig.4925G)	Ductile Iron	EN-GJS-450-10	DN350 - DN600

PRESSURE/ TEMPERATURE RATING

25 bar from -10°C to 120°C

SPECIFICATION

Medium: Group 2 Liquids
Flanges: Fully Lugged To BS EN1092-2
Face To Face: BS EN 558
Design Standard: BS EN 593 2009
Test And Inspection Standard: BS EN 12266-1
Mounting Flange: ISO 5211-2001

DIMENSIONS & WEIGHTS

Fig. 4925 Lever Butterfly Valve

Nom Size	mm	50	65	80	100	125	150
A	mm	138	153	155	178	193	210
B	mm	65	83	88	105.5	123	135
C	mm	43	46	46	52	56	56
ØD	mm	125	145	160	190	220	250
N-M	mm	4-M16	8-M16	8-M16	8-M20	8-M24	8-M24
H	mm	32	32	32	32	32	32
L	mm	216	216	216	265	265	265
a°		45°	22.5°	22.5°	22.5°	22.5°	22.5°
Kv*		91	141	247	586	861	1839

Fig. 4925G Geared Butterfly Valve

Nom Size	mm	50	65	80	100	125	150	200	250	300	350	400	450	500	600
A	mm	138	153	155	178	193	210	240	285.4	315	350	385	410	435	505
B	mm	65	83	88	105.5	123	135	172	202	234.5	300	330	360	400	455
C	mm	43	46	46	52	56	56	60	68	78	78	102	114	127	154
ØD	mm	125	145	160	190	220	250	310	370	430	490	550	600	660	770
N-M	mm	4-M16	8-M16	8-M16	8-M20	8-M24	8-M24	12-M24	12-M27	16-M27	16-M30	16-M33	20-M33	20-M33	20-M36
ØDD	mm	150	150	150	150	150	150	300	300	300	300	300	400	400	400
L1		173.5	173.5	173.5	173.5	173.5	173.5	237	237	229.5	254	254	301	355	355
L2		249	264	266	289	304	321	436	481.5	524	610	645	738	792	862
a°		45°	22.5°	22.5°	22.5°	22.5°	22.5°	15°	15°	11.25°	11.25°	11.25°	9°	9°	9°
Kv*		91	141	247	586	861	1839	2688	4576	4576	9404	11840	15217	18928	27545

*Kv data denotes valves at fully open position

DIMENSIONAL DRAWINGS

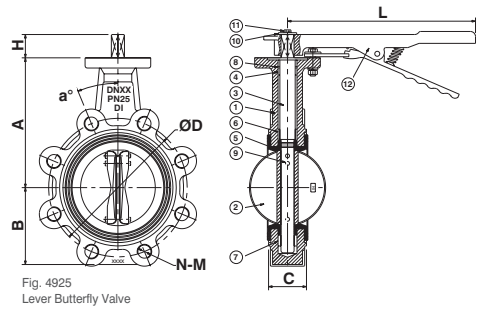

Fig. 4925
Lever Butterfly Valve

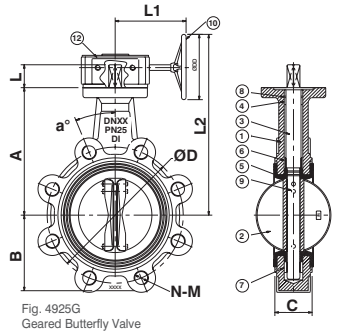

Fig. 4925G
Geared Butterfly Valve

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