

Fig. 4923 & Fig. 4923G Butterfly Double Regulating Valves

FEATURES & BENEFITS

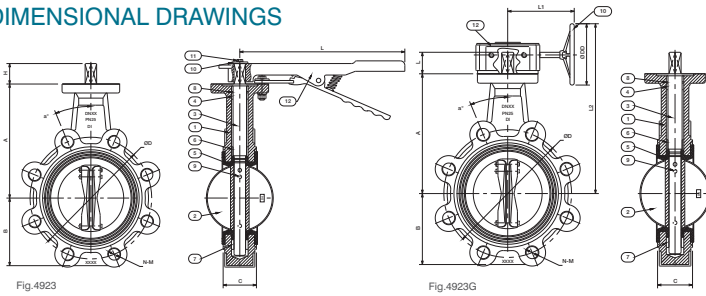
- Robust, Ductile Iron valve bodies for long service life
- Stainless Steel discs as standard
- Suitable for wide temperature range -10°C to 120°C
- Fully lugged for secure installation
- Rated to PN25
- Lever and Gearbox operator options



MATERIAL SPECIFICATION

Component	Material	Specification BS EN
Body	DI (EN-GJS-400-15)	ASTM A536 65-45-12
Disc	Stainless Steel 304	ASTM A351 CF8
Shaft	Stainless Steel 431	ASTM A276 431
Short Bushing	Aluminum Bronze	ASTM B148-952A
Seat	EPDM	-
Long Bushing	Aluminum Bronze	ASTM B148-952A
Long Bushing	Aluminum Bronze	ASTM B148-952A
'O' Ring	NBR	-
Pin	Stainless Steel 431	ASTM A276 431
Top Cap (Fig.4923)	Carbon Steel	ASTM A194 Gr. 2H
Hand Wheel (Fig.4923G)	-	-
Bolt	Carbon Steel	ASTM A194 Gr. 2H
Lever (Fig.4923)	Malleable Iron	ASTM Gr. 32510
Gear Box (Fig.4923G)	Cast Iron	EN-GJL-250

DIMENSIONAL DRAWINGS



PRESSURE/TEMPERATURE RATING
25 bar from -10°C to 120°C

SPECIFICATION

Medium: Group 2 Liquids
Flanges: Fully Lugged To BS EN 1092-2
Face To Face: BS EN 558
Design Standard: BS EN 593: 2009
Test And Inspection: Standard BS EN12266-1
Mounting Flange ISO 5211-2001

DIMENSIONS & WEIGHTS

Fig.4923

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		40	110	253	440	586	1213

Fig.4923G

Nom Size	mm	50	65	80	100	125	150	200	250	300
A	mm	138	153	155	178	193	210	240	285.4	315
B	mm	65	83	88	105.5	123	135	172	202	234.5
C	mm	43	46	46	52	56	56	60	68	78
ØD	mm	125	145	160	190	220	250	310	370	430
N-M	mm	4-M16	8-M16	8-M16	8-M20	8-M24	8-M24	12-M24	12-M27	16-M27
ØDD	mm	300	300	300	300	300	300	300	300	300
L1	mm	173.5	173.5	173.5	173.5	173.5	173.5	237	237	229.5
L2	mm	249	264	266	289	304	321	436	481.5	524
a°		45°	22.5°	22.5°	22.5°	22.5°	22.5°	15°	15°	11.25°
Kv		40	110	253	440	586	1213	2625	5294	9209

For commissioning valve coefficients (Kv) please refer to relevant section in this brochure. (See Index)

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