

Fig. 950 & 950G Semi-lugged Wafer Pattern Lever/Gearbox Operated



FEATURES & BENEFITS

- Robust ductile iron valve body for long life service
- Valve body semi-lugged to fit PN10, PN16, or Class 125 flanges
- Integrated notch plate for a more compact design
- The anti-blow out stem design provides a safe and secure operation
- Fully bonded epoxy paint system for superior corrosion resistance
- Suitable for applications where Level 3 C3 (Medium) corrosion protection is required
- Maintenance free valve design, reducing downtime

MATERIAL SPECIFICATION

Component	Material	Specification
Body	Ductile Iron (Epoxy Paint)	ASTM A536 64-45-12
Shaft	Stainless Steel Type 410	ASTM A276 410
Disc	Al Bronze	C954 ASTM B148
Taper Pin	Stainless Steel Type 410	ASTM A276 410
Bushes	PTFE	-
O-Ring	Buna N	-
Liner	EPDM	-
Lever	Aluminium Alloy (Epoxy Paint)	-
Gearbox	Cast Iron	-



PRESSURE/TEMPERATURE RATING

16 bar from -10 to 130°C

TEST PRESSURES

Hydrostatic
Shell: 24 bar
Seat: 17.6 bar

SPECIFICATION

Conforms to BS EN 593:
Face to face conforms to BS EN 558.
Ductile Iron body epoxy coated.

Centring holes.
Aluminium bronze disc.
EPDM liner. Trigger lever.
Valves DN250 and larger supplied as standard with fully enclosed gear operator.
Sizes DN50 to DN300 are suitable for use with flanges conforming to BS EN 1092-2
PN10 or PN16 and ANSI B16.1 Class 125
Sizes DN350 to DN600 are for PN16 flanges only.
Valves may be used for flow regulation.

DIMENSIONS & WEIGHTS

Fig. 950 LEVER

Nom Size	mm	50	65	80	100	125	150	200
A	mm	109	131.5	134	163	169	179	224
A1	mm	246	278.5	294	343	359	392	465
B	mm	72	82	95	115	125	142	170
C	mm	43	46	46	52	56	56	60
D	mm	32	32	32	32	32	40	40
E	mm	212.5	212.5	212.5	212.5	212.5	245	378
F	mm	100	120	127	156	190	212	268
G	mm	52.9	64.6	79	104.4	123.5	155.8	202.7
Kv***		98	167	258	512	872	1347	2675
Flange slots to suit		PN16/2" CL125	PN16/2.1/2" CL125	PN16/3" CL125	PN16/4" CL125	PN16/5" CL125	PN16/6" CL125	PN16/8" CL125
Weight	kg	2.4	3.3	3.6	4.5	6.3	8.4	13.4

DIMENSIONAL DRAWINGS

Fig. 950 LEVER

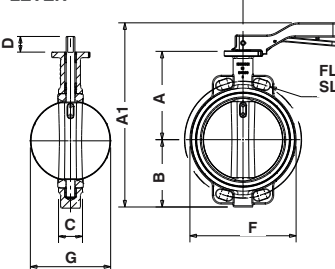


Fig. 950G GEARED

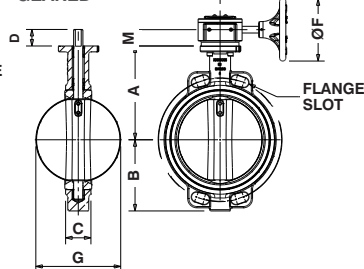
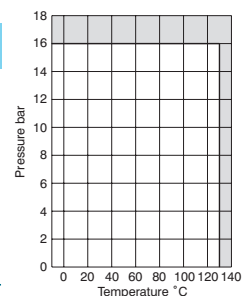


Fig. 950G GEARED

Nom Size	mm	50	65	80	100	125	150	200	250	300	350	400	450	500	600
A	mm	109	131.5	134	163	169	179	224	264	299	368	400	422	479	562
B	mm	72	82	95	115	125	142	170	215	240	264	305	317	352	444
C	mm	43	46	46	52	56	56	60	68	78	78	86	105	130	154
D	mm	32	32	32	32	32	40	40	40	40	-	-	-	-	-
E	mm	157	157	157	157	157	157	238	238	223.5	223.5	277	325	325	340
F	mm	150	150	150	150	150	150	300	300	300	300	450	450	450	450
G	mm	52.9	64.6	79	104.4	123.5	155.8	202.7	250.7	301.9	334	390	441	492	597
H	mm	45	45	45	45	45	45	45	63	78	78	78	185	185	185
h	mm	54	54	54	54	54	54	81	81	81	81	81	160	160	160
M	mm	39	39	39	39	39	39	39	41.5	38.3	46.5	39	120	120	126
Kv***		98	167	258	512	872	1347	2675	4555	7037	6003	8885	10419	13613	17801
Flange slots to suit		PN16/2" CL125	PN16/2.1/2" CL125	PN16/3" CL125	PN16/4" CL125	PN16/5" CL125	PN16/6" CL125	PN16/8" CL125	PN16/12" CL125	PN16/14" CL125	PN16/16" CL125	PN16/18" CL125	PN16/20" CL125	PN16/24" CL125	PN16/24" CL125
Wgt BS*	kg	2.1	3.0	3.2	4.2	6.0	7.8	12.7	28.4	41.0	-	-	-	-	-
Wgt GB**	kg	7.1	7.9	8.2	9.1	10.9	12.7	19.6	38.8	54.0	56.2	88.4	110.2	160.5	260



BS* for bare shaft
GB** for gearbox
Kv*** coefficient denotes valves in fully open position

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