

Fig. 971 and 971G Fully-lugged, Lever/Gearbox Operated Wafer Pattern to BS EN 593: 2009

FEATURES AND BENEFITS

- Aluminium Bronze disk
- Stainless Steel shaft
- 971 - Trigger lever, 971G - Gearbox operated
- Valves are suitable for use with flanges conforming to BS EN 1092-2: 1997 PN10 or PN16 - Sizes 65-150mm
- Sizes 200-600mm PN16 only



MATERIAL SPECIFICATION

Component	Material
Body	Ductile Iron ASTM A536 (Epoxy Paint)
Disk	Aluminium Bronze
Liner	Nitrile Temp. -10 to 90°C
Shaft	Stainless Steel Type 410
Taper Pin	Stainless Steel Type 316
Key	Carbon Steel
O-Ring	Buna-N
Bushing	PTFE
Lever & Screw	Carbon Steel (Epoxy Paint)
Stop Plate	Carbon Steel (Zn Plated)

PRESSURE/ TEMPERATURE RATING

PN16 from -10 up to 90°C

TEST PRESSURES

Each valve is individually hydrostatically tested to BS EN 12266-1: 2003 at the following test pressures:

Shell: 24 bar
Seat: 17.6 bar

SPECIFICATION

Fully-lugged
Lever or gearbox
Valves DN250 and larger supplied as standard with a fully enclosed gear operator
Valves may be used for flow regulation
Suitable for gas applications
Fig. 971 and 971G are suitable for Group 1 and 2 gases and Group 1 and 2 liquids as defined by the Pressure Equipment Directive 97/23/EC

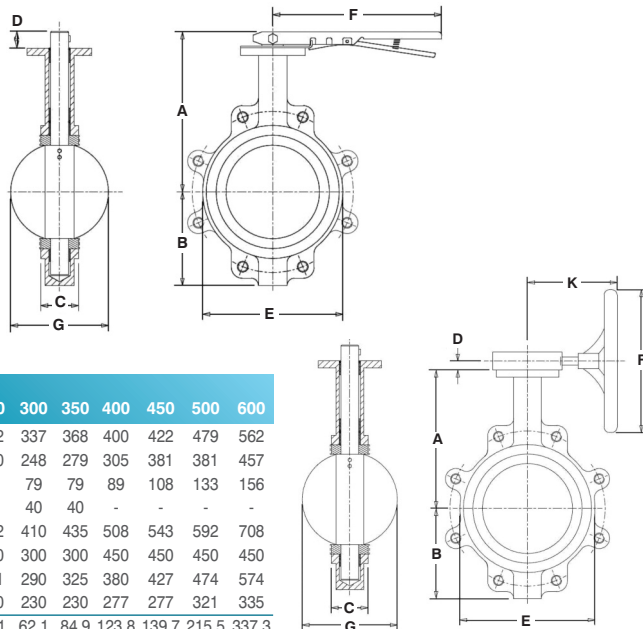
DIMENSIONS AND WEIGHTS

Fig 971

Nom Size	mm	50	65	80	100	125	150	200
A	mm	195	207	213	232	245	257	305
B	mm	83	95	102	124	136	150	197
C	mm	44	48	48	54	57	57	63
D	mm	32	32	32	32	32	32	44
E	mm	102	121	130	171	197	219	268
F	mm	260	260	260	260	260	260	356
G	mm	32	46	64	90	111	145	193
Weight	kg	4	4.5	7.2	12.6	13.5	14.9	24.1

Fig 971G

Nom Size	mm	50	65	80	100	125	150	200	250	300	350	400	450	500	600
A	mm	162	175	181	200	213	225	260	292	337	368	400	422	479	562
B	mm	83	95	102	124	136	150	197	210	248	279	305	381	381	457
C	mm	44	48	48	54	57	57	63	70	79	79	89	108	133	156
D	mm	42	42	42	42	42	42	40	40	40	40	-	-	-	-
E	mm	102	121	130	171	197	219	268	332	410	435	508	543	592	708
F	mm	150	150	150	150	300	300	300	300	300	300	450	450	450	450
G	mm	32	46	64	90	111	145	193	241	290	325	380	427	474	574
K	mm	240	240	240	240	240	240	230	230	230	230	277	277	321	335
Weight	kg	15.5	16	18.7	24.1	25	26.4	36.7	47.1	62.1	84.9	123.8	139.7	215.5	337.3



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