

# Fig. 970W Fully-lugged Wafer Pattern



### FEATURES AND BENEFITS

- Available up to DN600
- Valve body fully lugged
- Suitable for end of line duty up to 10 bar
- Long neck for insulation
- Maintenance free
- Good control characteristics

### MATERIAL SPECIFICATION

Component	Material	Specification	
		BS EN	ASTM
Body	Ductile Iron	1563 EN-JS 1030	A536 65-45-12
Shaft	Stainless Steel	10088-1 X5CrNiMo17-12-2	A532 Gr316
Disc	Bronze	1982 CC333G	B148-C95300
Bushes (up to 100mm)	PTFE		
125mm and above	Bronze (lubricated)		
O-Ring	Buna N		
Liner	EPDM		



### PRESSURE/TEMPERATURE RATING

PN16 from -10 up to 120°C

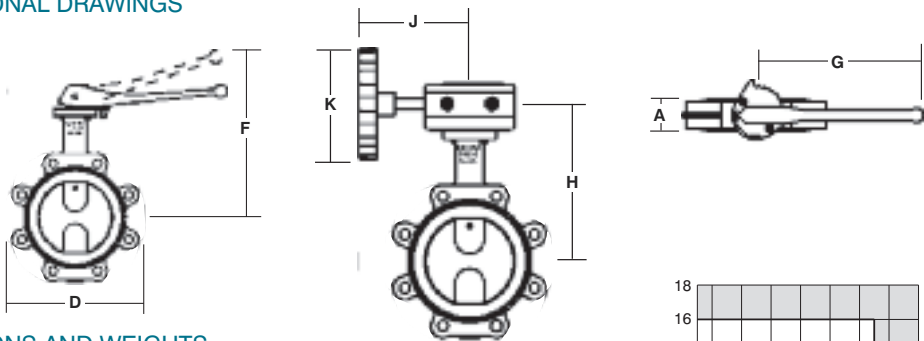
### TEST PRESSURES

Each valve is individually hydrostatically tested to BS EN 12266-1 at the following test pressures.  
Shell: 24 bar  
Seat: 17.6 bar

### SPECIFICATION

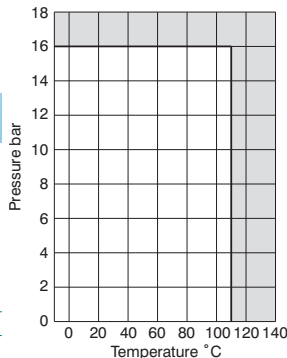
Conforms to BS EN 593:2009.  
Fully-lugged.  
Aluminium bronze disc.  
WRAS approved.  
Lever or gearbox.  
Valves DN250 and larger supplied as standard with fully enclosed gear operator.  
Valves may be used for flow regulation.

### DIMENSIONAL DRAWINGS



### DIMENSIONS AND WEIGHTS

Nom Size	mm	50	65	80	100	125	150	200	250	300	350	400	450	500	600
A	mm	42	45	45	52	54	56	61	66	77	77	87	106	132	152
E	mm	80	89	95	114	127	139	175	203	242	267	301	327	361	459
F	mm	183	197	203	222	235	248	282	-	-	-	-	-	-	-
G	mm	270	270	270	270	270	270	270	-	-	-	-	-	-	-
H	mm	279	302	314	352	378	403	478	537	622	678	764	812	918	1098
J	mm	154	154	154	154	154	154	238	238	222	222	300	300	350	350
K	mm	152	152	152	152	152	152	300	300	300	300	300	300	300	300
Weight lever	kg	4	5	5	6	9	10	15	-	-	-	-	-	-	-
Weight geared	kg	8	9	10	11	13	14	19	32	47	59	93	117	-	-



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