

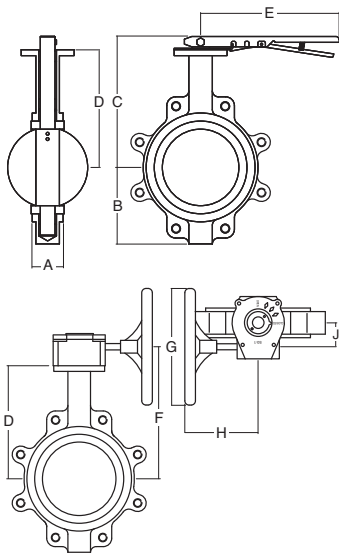
**Fig. 980ANSI**  
**Ductile Iron Fully Lugged Butterfly Valve Class 150**



**MATERIAL SPECIFICATION**

Component	Material	Specification	
		BS EN	ASTM
Body	Ductile Iron	1563 EN-JS1030	A536 65-45-12
Operating Shaft	Stainless Steel	10088-1 X12Cr13	A276 410
Disc	Al Bronze	12165 CW307G	B150 C63000
Taper pins	Stainless Steel	10088-1 X5CrNiMo17-12-2	A276 316
Bushes	EDPM		
O-Ring	Buna N		
Liner	EPDM		

**DIMENSIONAL DRAWINGS**



**PRESSURE/  
TEMPERATURE RATING**

19.65 bar from -10 to 37.8°C  
16.93 bar at 120°C

**TEST PRESSURES  
(HYDRAULIC)**

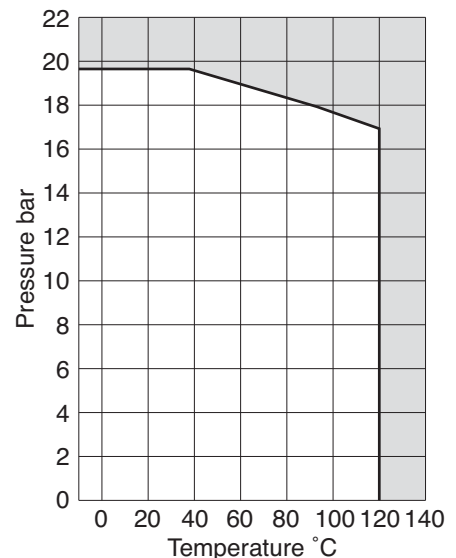
Body: 29.5 bar  
Seat: 21.6 bar

**SPECIFICATION**

Generally conforms to BS EN 593.  
Ductile Iron body epoxy coated.  
Fully lugged.  
Aluminium bronze disk.  
EPDM liner phenolic backed.  
Trigger Lever.  
Valves DN200 and larger supplied as standard with fully enclosed gear operator.  
Suitable for fitting between flanges to ANSI B16.1 Class 125 and 150.  
Valves may be used for flow regulation.

**DIMENSIONS AND WEIGHTS**

Nom Size	mm	50	65	80	100	125	150	200	250	300
A	mm	44	48	48	54	57	57	63	70	79
B	mm	83	95	102	124	136	150	197	210	248
C	mm	195	207	213	232	245	257	-	-	-
D	mm	162	175	181	200	213	225	260	292	337
E	mm	260	260	260	260	260	260	-	-	-
F	mm	204	217	223	242	255	267	300	332	377
G	mm	150	150	150	150	300	300	300	300	300
H	mm	240	240	240	240	240	230	230	230	230
J	mm	60	60	60	60	60	60	80	80	80
Weight	kg	10	11	12	13	16	19	30	40	53



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