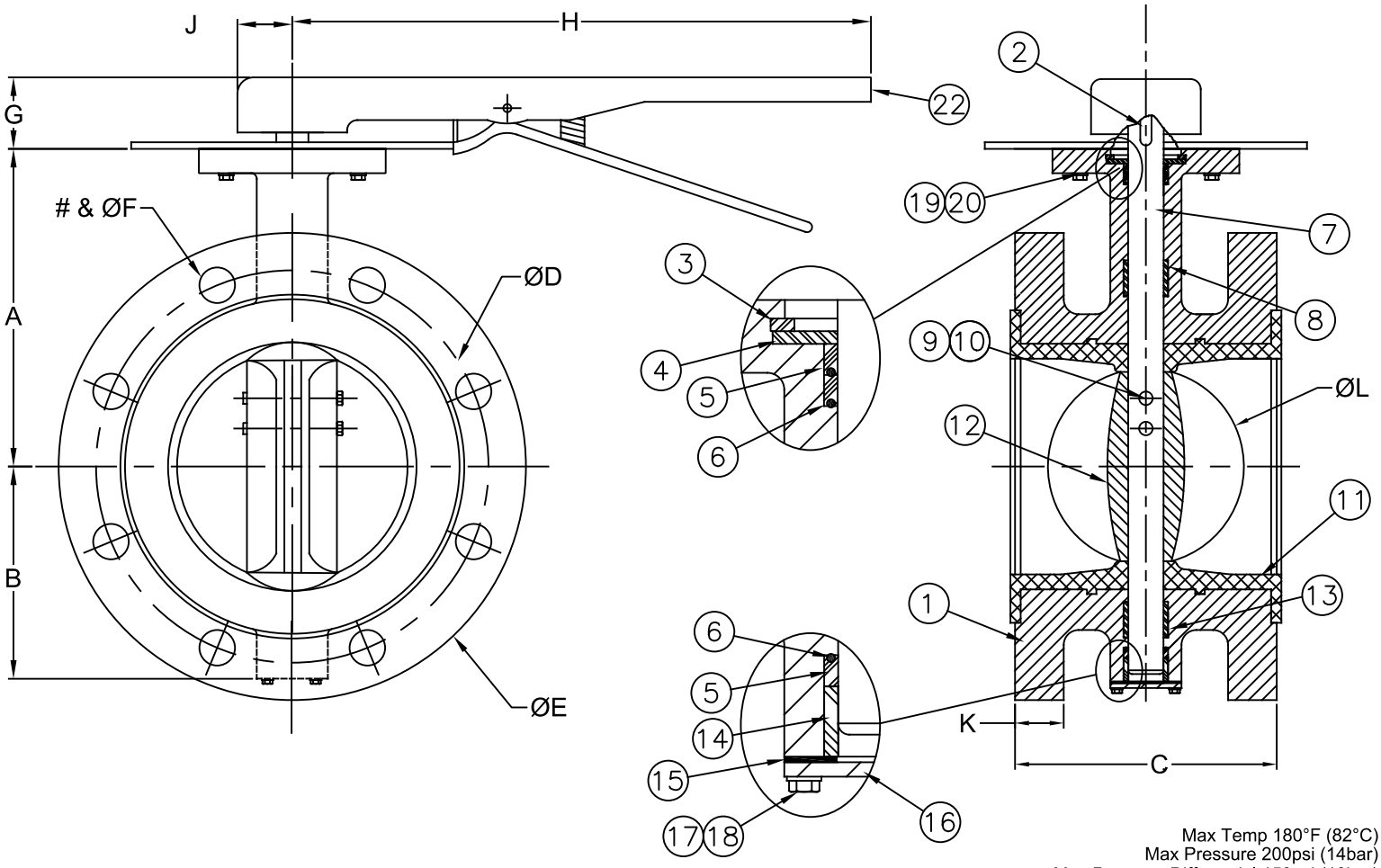
Sizes 3" Thru 6"/ 80 mm Thru 150 mm
150 ANSI B16.5 FLANGE

Materials (with Lever & Buna-N Seat)



Max Temp 180°F (82°C)
Max Pressure 200psi (14bar)
Max Pressure Differential 150psi (10bar)

Item #	Description	Material	Item #	Description	Material
1	Body	Ductile Iron A536	12	Disc	Ductile Iron & 316SS Trim
2	Key	ASTM 1045	13	Lower Bushing	ASTM S304+F4
3	C Clip	AISI 1066	14	Lower Bearing	Nylon
4	Washer	Stainless Steel	15	Bottom Cover Gasket	Buna-N
5	U-Cup	Buna-N	16	Bottom Cover	Ductile Iron A536
6	O'Ring	Buna-N	17	Washer	Stainless Steel 304
7	Shaft	Stainless Steel 316	18	Bolt	Stainless Steel 304
8	Upper Bushing	ASTM S304+F4	19	Washer	Stainless Steel 304
9	Threaded Taper Pin	Stainless Steel 304	20	Bolt	Stainless Steel 304
10	Nut	Stainless Steel 304	21	Lever	Various
11	Gasket*	Buna-N			

* EPDM Optional

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150 ANSI B16.5 FLANGE

Dimensions

Size		Part #	A		B		C		ØD		ØE		# & ØF	
inch	mm		inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm
3	80	450000061	6.25	159	3.54	90	5.00	127	6.0	152	7.50	190	4-.75	19
4	100	450000071	7.00	178	3.98	101	5.00	127	7.5	191	9.06	230	8-.75	19
6	150	450000091	8.00	203	5.87	149	5.00	127	9.5	241	11.00	280	8-.88	22

Size		G		H		J		K		ØL		Weight	
inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	lbs	kg
3	80	1.57	40	10.24	260	.98	25	.75	19	2.93	74.6	27	12.2
4	100	1.57	40	10.24	260	.98	25	.94	24	3.71	94.3	39	17.7
6	150	2.05	52	17.72	450	1.50	38	1.00	25	5.63	142.9	65	29.4

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