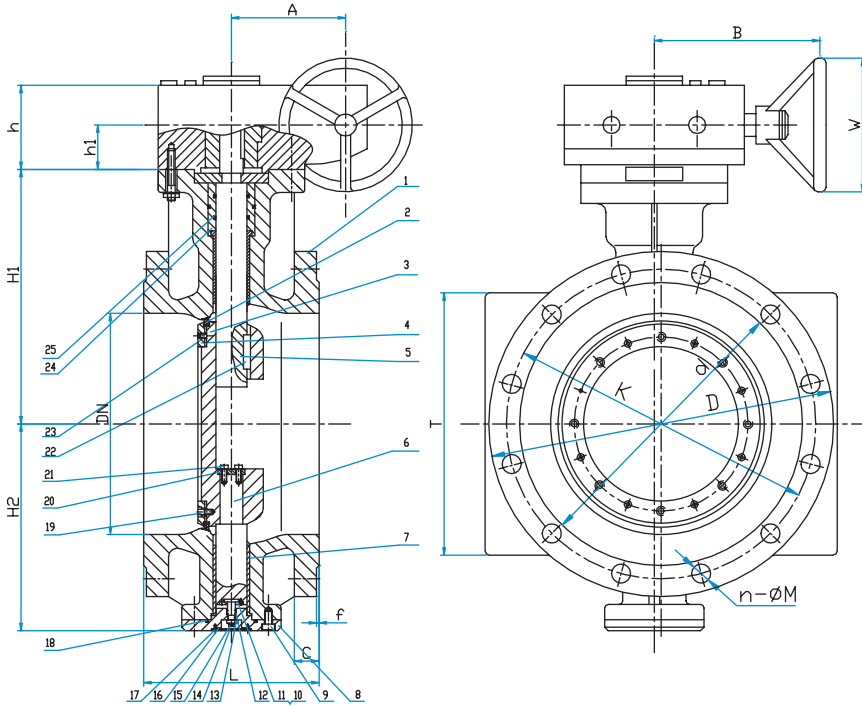


DOUBLE ECCENTRIC RESILIENT-SEATED BUTTERFLY VALVE

FUSION BONDED EPOXY (FBE) COATED



No	Component	Material
1	Valve Body	Ductile Iron, BS EN 1563 Grade 500/7
2	Disk Sealing Ring	NBR/EPDM, BS EN 681-1 Type WA
3	Disk	Ductile Iron, BS EN 1563 Grade 500/7
4	Retaining Ring	Stainless Steel, BS 970 Part 1 SS 304
5	Driving Shaft	Stainless Steel, BS 970:Part 1 431S29
6	Trunnion Shaft	Stainless Steel, BS 970:Part 1 431S29
7	Bushing	AL Bronze
8	Stopper	Ductile Iron, BS EN 1563 Grade 500/7
9	Screw	Carbon Steel Plated Zinc Metal
10	Bushing Cover	Carbon Steel Plated Zinc Metal
11	Screw	Stainless Steel, BS 970 Part 1 304S31
12	O Ring	NBR/EPDM, BS EN 681-1 Type WA
13	Nut	Carbon Steel Plated Zinc Metal
14	Bolt Cover	Carbon Steel Plated Zinc Metal
15	Adjusting Bolt	
16	O Ring	NBR/EPDM, BS EN 681-1 Type WA
17	Screw	Carbon Steel Plated Zinc Metal
18	O ring	NBR/EPDM, BS EN 681-1 Type WA
19	Screw	Stainless Steel, BS 970 Part 1 SS 304
20	Shaft Cover	Carbon Steel Plated Zinc Metal
21	Screw	Stainless Steel, BS 970 Part 1 SS 304
22	Key	Stainless Steel, BS 970 Part 1 SS 304
23	Screw	Stainless Steel, BS 970 Part 1 SS 304
24	Bushing	AL Bronze
25	O ring	NBR/EPDM, BS EN 681-1 Type WA

APPLICABLE STANDARDS	
Valve Standard	BS EN 593
Flange Drillings	BS EN 1092-2/ISO 7005 PN 10 or PN 16, other drilling available
Topper Flanges	ISO 5211
Face to Face	BS EN 558-1/ Series 13 & 14
FEATURES	
Operators	Gear Boxes, Powered Actuator

SERVICE CONDITIONS	
Service Temperature Rating	-15° C to 80° C
Maximum Working Pressure	10 bars or 16 bars

TESTS	
Hydrostatic Test	Body Test 1.5 x Maximum Working Pressure Seat Test 1.1 x Maximum Working Pressure

DIMENSIONS 'mm'

DN	H1	H2	h	h1	W	A	B	T	TOPPER FLANGE	PN 10						PN 16						L	
										D	K	d	f	C	n-ØM	D	K	d	f	C	n-ØM	SERIES 13	SERIES 14
150	186	165	84	40	200	50	140	135	F10	285	240	211	3	19	8-Ø23	285	240	211	3	19	8-Ø23	140	210
200	215	192	84	40	200	50	140	180	F10	340	295	268	3	20	8-Ø23	340	295	268	3	20	12-Ø23	152	230
250	253	227	84	40	310	73	235	225	F12	400	350	320	3	22	12-Ø23	405	355	320	3	22	12-Ø28	165	250
300	282	260	90	48	460	90	340	270	F14	455	400	370	4	24.5	12-Ø23	460	410	370	4	24.5	12-Ø28	178	270
350	320	314	90	48	460	90	340	315	F14	505	460	430	4	24.5	16-Ø23	520	470	430	4	26.5	16-Ø28	190	290
400	353	346	132	70	500	123	340	360	F16	565	515	482	4	24.5	16-Ø28	580	525	482	4	28	16-Ø31	216	310
450	385	385	132	70	500	123	340	405	F16	615	565	532	4	25.5	20-Ø28	640	585	550	4	30	20-Ø31	222	330
500	424	422	132	70	500	123	340	420	F16	670	620	585	4	26.5	20-Ø28	715	650	610	4	31.5	20-Ø34	229	350
600	486	490	152	82	500	124.5	460	480	F25	780	725	685	5	30	20-Ø31	840	770	720	5	36	20-Ø37	267	390
700	550	550	152	82	500	124.5	460	560	F25	895	840	794	5	32.5	24-Ø31	910	840	795	5	39.5	24-Ø37	292	430
800	610	615	152	82	700	174	575	580	F30	1015	950	900	5	35	24-Ø34	1025	950	900	5	43	24-Ø41	318	470
900	695	678	224	125	700	200	610	580	F35	1115	1050	1000	5	37.5	28-Ø34	1125	1050	1000	5	46.5	28-Ø41	330	510
1000	760	743	224	125	700	200	610	620	F35	1230	1160	1112	5	40	28-Ø37	1255	1170	1112	5	50	28-Ø44	410	550
1100	820	800	224	125	700	200	610	1000	F35	1340	1270	1215	5	42.5	32-Ø37	1355	1270	1215	5	53.5	32-Ø44	440	590
1200	904	860	224	125	700	200	610	1250	F35	1455	1380	1328	5	45	32-Ø41	1485	1390	1328	5	57	32-Ø50	470	630
1300	Size available on request																						
1400	1060	1010	224	125	700	200	610	1400	F40	1675	1590	1530	5	46	36-Ø44	1685	1590	1530	5	60	36-Ø50	530	710
1500	Size available on request																						
1600	1190	1140	260	150	700	250	690	1600	F40	1915	1820	1750	5	49	40-Ø50	1930	1820	1750	5	65	40-Ø57	600	790
1800	1285	1220	260	150	700	250	650	1800	F40	2115	2020	1950	5	52	44-Ø50	2130	2020	1950	5	70	44-Ø57	670	870
2000	1400	1335	260	150	700	250	690	2000	F40	2325	2230	2150	5	55	48-Ø50	2345	2230	2150	5	75	48-Ø62	760	950

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All information in this brochure was correct to the best of our knowledge when originally printed. Pipemate reserves the right to make changes without notice to product specifications and manufacture processes given the company's policy of continual product improvement.