



蝶阀 BUTTERFLY VALVE



罗浮蝶阀有中线式，双偏心和三偏心式。可分为截止型、调节型、通风型；金属密封型和非金属密封型。中线蝶阀的衬里材料包括PTFE, NR, EPDM, NBR, SI, VITON, CR, IIP, 可以适用于不同温度不同的介质。双偏心蝶阀有弹性密封、多层次密封和金属密封等。三偏心式蝶阀有弹性密封、多层次密封和金属密封等。蝶阀的连接形式有对夹式，法兰式，对焊式和凸耳对夹式。有多种形式的蝶阀可供选择，样本上只列出少量的类型，如果需要更多的资料信息，请与我们联系。

LuoFu butterfly valves have center line, eccentric and triple eccentric types. Classified for stop type, adjust type and vent types, Metal seal and non-metal seal. The liner materials of centerline butterfly valve. Including PTFE, NR, EPDM, NBR, SI, VITON, CR, IIP, suitable for different temperature and medium. Eccentric butterfly valve has flexible seal, multiple-line seal and metal seal. The end connection of butterfly valve has flexible seal, multiple-line seal and metal seal. The end connection of butterfly valve including wafer, double flange, butt weld, lug wafer. There are rich varieties of types for selection, only some types are shown in this book, please contact us for more information.

■ 蝶阀应用规范 Butterfly valve design construction and specifications

罗浮铸钢蝶阀符合：API 609, MSS-SP-68, ANSI B16.34；阀门试验：MSS-SP-25。

LuoFu cast butterfly valve conform to API 609, MSS-SP-68, ANSI B16.34. Each is tested according to API 598 and Marking is per MSS-SP-25.

■ 结构特点 Construction is as follows

三偏心蝶阀且有偏心斜度蝶板，摩擦小，操作力矩小，具有自洁功能手动，蜗轮传动，电动和气动应用于化学工作、石油、城市给排水、热力工程，冶金、水处理等开关轻便，维修方便，重量轻，体积小密封材料相对应的工作温度压力试验壳体密封气压密封。

Triple eccentric butterfly valve, Beveled wedge disc, small friction and torque, self-clean, Manual, electric, pneumatic and gear operation etc Applicable for chemical industry, petroleum, water supply and drain of city, heat supply, metallurgy, water treatment etc. Close and open smartly, prompt, light weight, small figure.

■ 阀座材质和工作温度 Seat material and working temperature

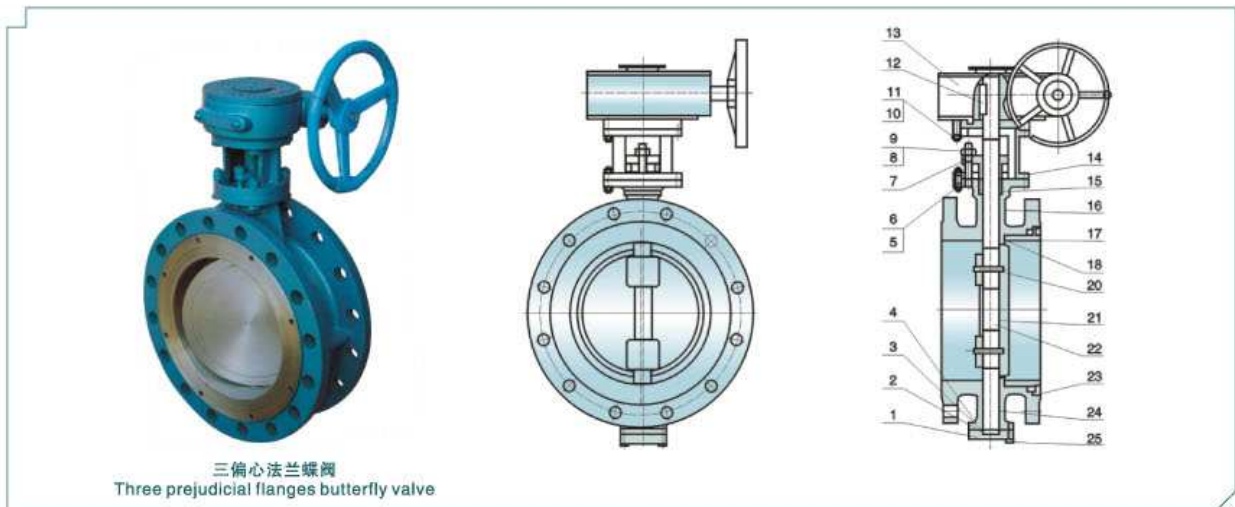
EPDM	-40~+125℃
NBR	-20~82℃
SI	-70~+150℃
VITON	-23~+150℃
PTFE	23~+150℃
316+Graphite	-46~+350℃
STL/STL	-46~+350℃

■ 试验压力 Pressure test

压力级 Class	壳体试验压力 Shell test(MPa)	壳体试验压力 Shell test(MPa)	气压 Air test(MPa)
150Lb	3.1	2.3	0.5-0.7
300Lb	7.6	3.6	0.5-0.7
600Lb	16.0	11.0	0.5-0.7



■ 三偏心蝶阀 Tripe eccentric butterfly valve



三偏心法兰蝶阀
Three prejudicial flanges butterfly valve

■ 技术要求 Technical requirements

1. 设计制造按照 Design and manufacture comply to MSS SP 67-1997
2. 试验检验按照 Inspect and test comply to API 598
3. 结构长度 Face to face dimention complies to BS5155
4. 法兰按照 Flanges comply to API 605
5. 压力温度等级按照 Pressure-temperature grade complies to ANSI B6.34

三偏心斜锥密封90度开关摩擦小，操作力矩小，具有自洁功能手动，蜗轮传动，电动和气动工 Three-dimensional incline taper airproof seat 900 opening cleaning Triple eccentric, Bereled wedge disc small friction and torque, self-clean Manual, electric, pneumatic and gear operation etc.
A216WCB, A351 CF8, A351CF8M
A217LCB, A351 CF3, A351CF3M



手动对焊硬密封蝶阀
Manual to weld hard seal up butterfly valve

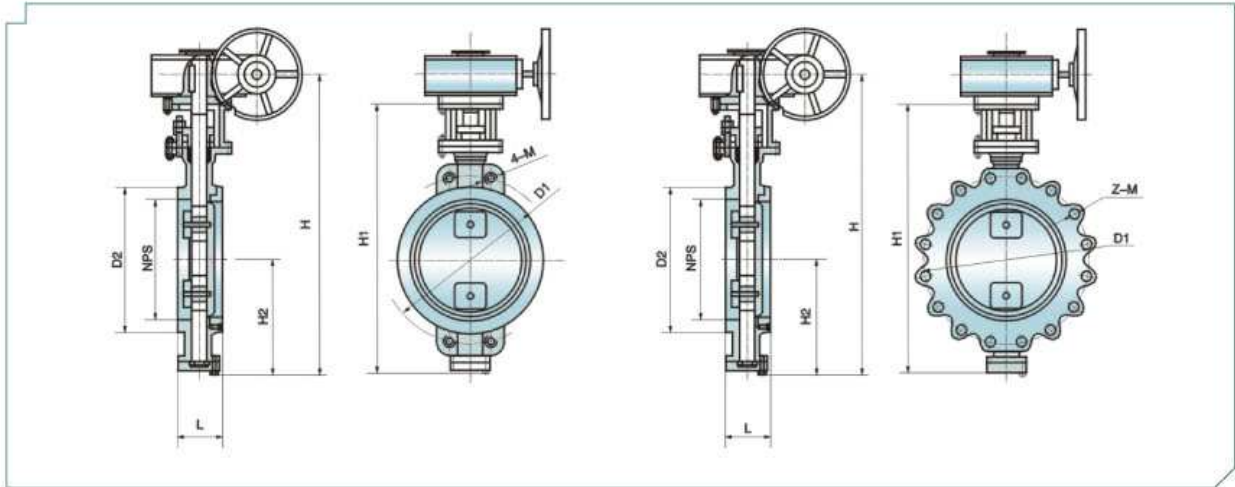
■ 材料规格 Material specification

序号NO.	名称 Part name	材料 Material				
		A216 WCB	A217 LCB	A351 CF8	A351CF8M	A351CF3M
1	下盖 Nether cover	A105	A105	A182 F304	A182 F316	A182 F316L
2	轴承 Bearing	A182 F6a	A182 F304	A182 F304	A182 F316	A182 F316L
3	垫片 Wwash	F304+Flexible graphite		PTFE		
4	阀体 Body	A216 WCB	A217 LCB	A351 CF8	A351CF8M	A351CF3M
5	六角螺母 Nut	A194 2H	A194 4	A194 8	A194 8M	A194 8M
6	双头螺栓 Bolt	A193 B7	A193 B16	A193 B8	A193 B8M	A193 B8M
7	填料压套 Gland	A182 F410	A182 F304	A182 F304	A182 F316	A182 F316L
12	平键 Key	A194 2H				
13	蜗轮装置 Gear action	Nodular cast iron				
14	支撑板 Yoke	A216 WCB		A351 CF8		
15	填炎垫 Shaft packing	Flexible graphite		PTFE		
16	轴承 Bearing	B148/SF-1/17-7PH				
17	压板 Tailpiece	A216 WCB	A217 LCB	A351 CF8	A351CF8M	A351CF3M
18	阀座 Seal seat	Flexible graphite		PTFE		
20	销 Pin	A276 316	A276 316	A276 316	A276 316	A276 316
21	蝶板 Butterfly board	A351 CF8M	A351 CF8M	A351 CF8M	A351 CF8M	A351 CF3M
22	阀杆 Shaft	A276 316	A276 316	A276 316	A276 316	A276 316L



蝶阀
BUTTERFLY VALVE

■ 三偏心蝶阀 Tripe eccentric butterfly valve



		150Lb																
NPS		2"	3"	4"	5"	6"	8"	10"	12"	14"	16"	18"	20"	24"	30"	32"	36"	42"
L-RF		43	64	64	70	76	89	114	114	127	140	152	152	178	229	241	241	305
L-BW		107	114	127	140	140	152	165	178	190	216	222	229	267	292	318	330	410
L-WF		43	49	56	64	70	71	76	86	92	102	114	127	154	165	190	203	251
D ₁		120.5	152.5	190.5	216	241.5	298.5	362	432	476	540	578	635	749.5	914	978	1085	1257
D ₂		92	127	157	186	216	270	324	381	413	470	533	584	692	857	914	1022	1194
H		345	380	415	455	545	615	695	830	900	980	1030	1110	1305	1525	1585	1765	1871
H ₁		280	315	350	390	455	522	605	730	800	870	920	1000	1155	1375	1435	1585	1610
H ₂		110	125	145	165	175	210	250	285	320	355	380	415	475	580	630	680	680
重量 WT Kg	RF	20	29	35	40	81	94	156	183	239	302	346	434	638	788	880	1042	1670
	BW	21	27	34	41	43	81	102	132	164	193	238	302	457	910	1093	1410	1870
	WF	9	11	13	16	26	34	51	72	106	133	176	290	394	476	618	762	963
		300Lb																
L-RF		43	64	64	70	76	89	114	114	127	140	152	152	178	229	241	241	305
L-BW		43	49	56	64	70	71	76	86	92	102	114	127	154	165	190	203	251
L-WF		160	180	190	200	210	230	250	270	290	310	330	350	390	430	470	510	550
D ₁		127	168	200	235	270	330	387	451	514	571	628	686	813	997	1054	1168	1206.5
D ₂		92	127	157	186	216	270	324	381	413	470	533	584	692	867	914.5	1022	1136
H		345	380	415	455	524	615	695	830	900	980	1030	1110	1305	1525	1585	1765	1871
H ₁		280	315	350	390	455	525	605	730	800	870	920	1000	1156	1375	1435	1585	1610
H ₂		110	125	145	165	175	210	250	285	320	355	380	415	475	580	630	680	680
重量 WT Kg	RF	27	31	38	43	45	85	110	142	172	201	245	315	467	922	1105	1430	1890
	BW	24	27	38	50	54	100	13	260	280	320	500	550	900	1234	1468	1782	2300
	WF	11	12	15	18	28	37	56	71	116	146	193	209	433	523	838	972	1000