

衬氟止回阀 Lined Check Valve

材料明细表 Material Specification

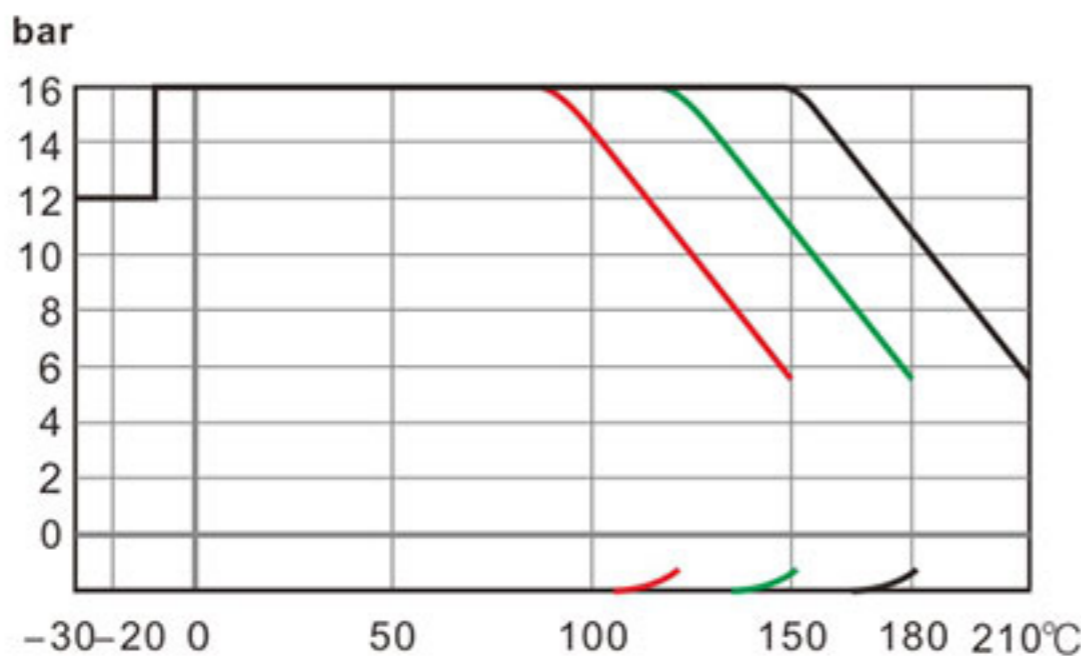
公称通径 Nominal Diameter		DN15-DN400, 1/2"~16"		
公称压力 Nominal Pressure		1.0MPa 1.6MPa 150LB		
No.	名称 Name	材料明细 Material Lists		
1	阀体、阀瓣、阀盖 Body, disc, bonnet	WCB+ 衬里材质 Lining material	CF8 / CF8M+ 衬里材质 Lining material	CF3 / CF3M+ 衬里材质 Lining material
2	球 Ball	PTFE		
3	衬里材质 Lining material	PFA, PTFE, FEP, GXPO		
4	螺栓 Bolt	A193 B7	A193 B8	A193 B8M

技术性能规范 Technical Specification

设计标准 Design & Manufacture Standard	HG/T 3704, GB/T 12235		API 6D
结构长度标准 Face-to-face Dimension Standard	HG/T 3704, GB/T 12221		ASME B16.10
法兰标准 Flange Standard	HG/T 20592, GB/T 9119		ASME B16.5, JIS B2220
检验与试验标准 Inspection and Test Standard	GB/T 13927, JB/T 9092		API 598
公称通径 Nominal Diameter	DN15~DN400		1/2"~16"
公称压力(MPa) Nominal Pressure(MPa)	1.0MPa	1.6MPa	150LB
试验压力 Test Pressure	壳体试压 Shell Test	1.5MPa	1.5MPa
	高压密封 High Pressure Sealing	1.1MPa	1.1MPa
	低压密封 Low Pressure Sealing	0.6MPa	0.6MPa
适用温度 Temperature Range	PFA: -29°C~200°C PTFE: -29°C~180°C FEP: -29°C~150°C GXPO: -10°C~80°C		
适用介质 Applicable Medium	盐酸、硝酸、氢氟酸、液氯、硫酸、王水等强腐蚀性介质 Strong corrosive medium i.e. hydrochloric acid, Nitric acid, Hydrofluoric acid, Liquid chlorine, Sulfuric Acid and Aqua regia etc.		

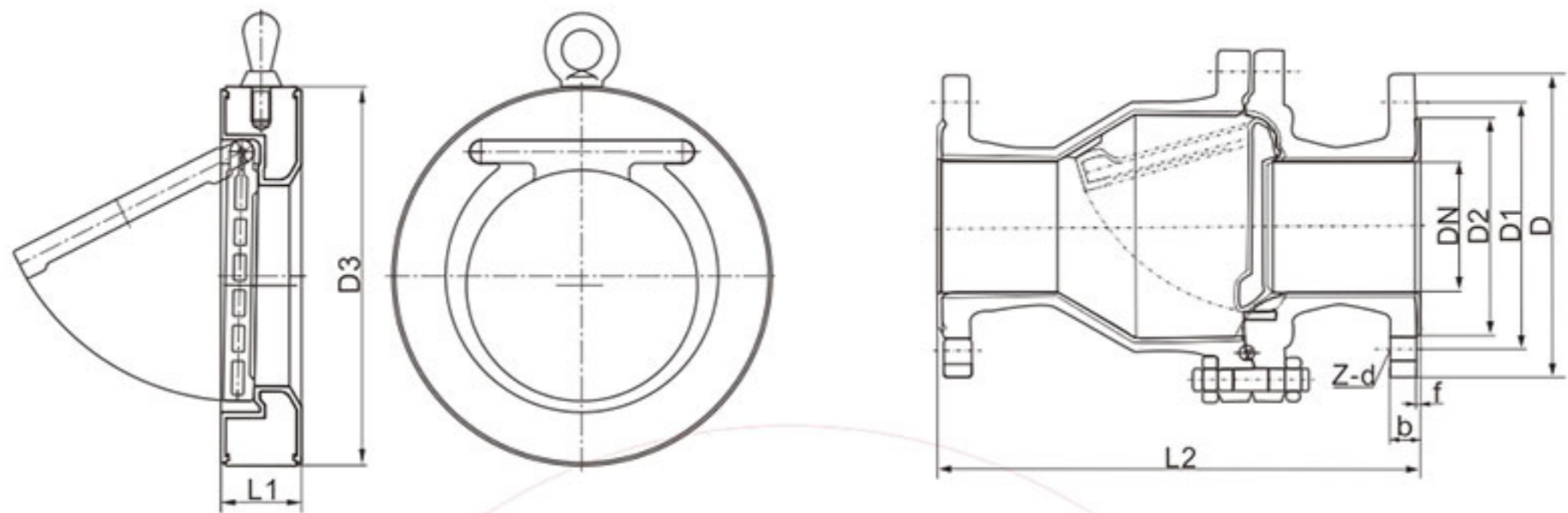
特注：衬氟阀门壳体试压和密封按照上表测试，测试标准仅参考通用阀门标准，高压力要求情况订制加工。
Note: Test standard refers general valve standard, high pressure should be customized for processing.

氟塑料压力温度曲线 Pressure-Temperature Curve



真空 Vacuum: 0.1mbar

备注 Note: — PFA — PTFE — FEP



YFM-H74PFA/F4/F46/GXPO

YFM-H44PFA/F4/F46/GXPO

HG/T 20592 PN10

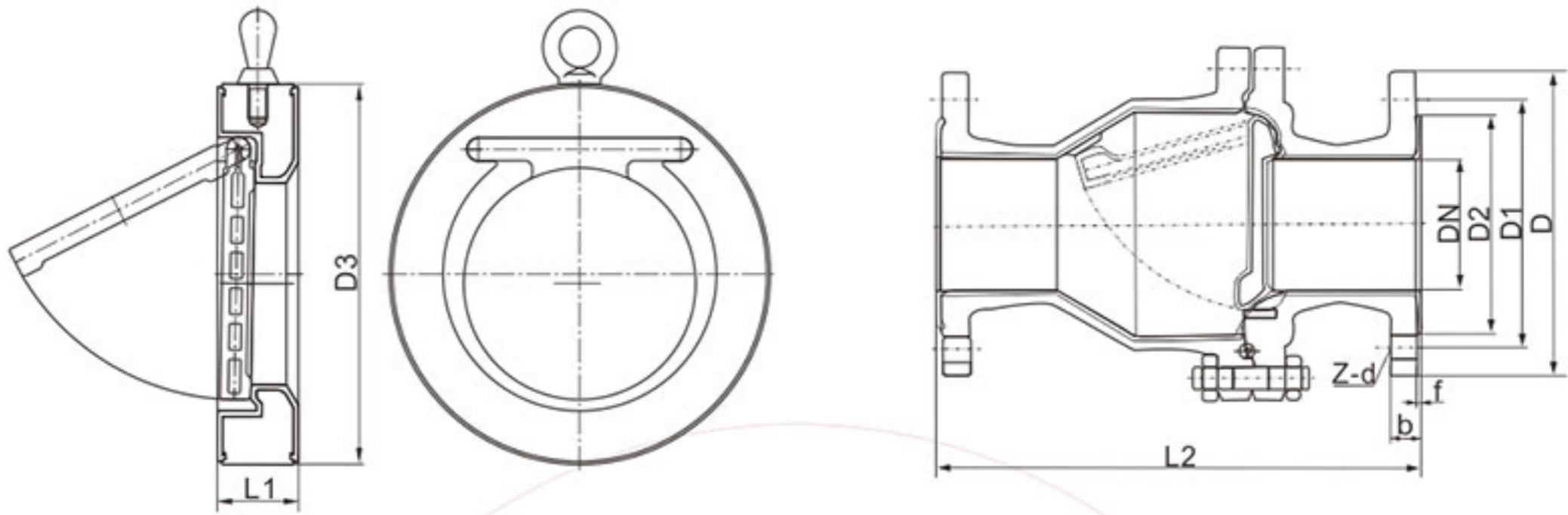
单位Unit:mm

DN	L1	L2	D	D1	D2	D3	Z-d	f	b
15	-	130	95	65	45	-	4-14	3	16
20	-	150	105	75	55	-	4-14	3	16
25	-	160	115	85	65	-	4-14	3	16
32	-	180	140	100	78	-	4-18	3	17
40	-	200	150	110	85	-	4-18	3.5	17.5
50	43	230	165	125	100	100	4-18	3.5	19
65	46	290	185	145	120	120	4-18	3.5	20
80	46	310	200	160	135	133	4-18	4	21
100	52	350	220	180	155	162	8-18	4	23
125	56	400	250	210	185	189	8-18	4	24
150	56	480	285	240	210	216	8-22	4	26
200	60	495	340	295	265	272	8-22	4	26
250	68	550	395	350	320	320	12-22	4	28
300	78	620	445	400	368	386	12-22	4	29
350	78	720	505	460	428	435	16-22	5	29

HG/T 20592 PN16

15	-	130	95	65	45	-	4-14	3	16
20	-	150	105	75	55	-	4-14	3	16
25	-	160	115	85	65	-	4-14	3	16
32	-	180	140	100	78	-	4-18	3	17
40	-	200	150	110	85	-	4-18	3.5	17.5
50	43	230	165	125	100	100	4-18	3.5	19
65	46	290	185	145	120	120	4-18	3.5	20
80	46	310	200	160	135	133	8-18	4	21
100	52	350	220	180	155	162	8-18	4	23
125	56	400	250	210	185	189	8-18	4	24
150	56	480	285	240	210	216	8-22	4	26
200	60	495	340	295	265	272	12-22	4	26
250	68	550	405	355	320	320	12-26	4	28
300	78	620	460	410	375	386	12-26	4	29
350	78	720	520	470	435	435	16-26	5	29

注：更多尺寸，请联系有氟密工程师。



YFM-H74PFA/F4/F46/GXPO

YFM-H44PFA/F4/F46/GXPO

HG/T 20592 PN25

单位Unit:mm

DN	L1	L2	D	D1	D2	D3	Z-d	f	b
15	-	130	95	65	45	-	4-14	3	16
20	-	150	105	75	55	-	4-14	3	16
25	-	160	115	85	65	-	4-14	3	16
32	-	180	140	100	78	-	4-18	3	17
40	-	200	150	110	85	-	4-18	3.5	17.5
50	43	230	165	125	100	100	4-18	3.5	19
65	46	290	185	145	120	120	8-18	3.5	20
80	46	310	200	160	135	133	8-18	4	21
100	52	350	230	190	160	162	8-22	4	23
125	56	400	270	220	188	189	8-26	4	24
150	56	480	300	250	218	216	8-26	4	26
200	60	495	360	310	278	272	12-26	4	26
250	68	550	425	370	332	320	12-30	4	28
300	78	620	485	410	375	386	16-30	4	29
350	78	720	550	490	448	435	16-34	5	29

ASME B16.5 Class150

1/2	-	130	90	60.5	35	-	4-16	3	12
3/4	-	150	100	70.0	43	-	4-16	3	12
1	-	160	110	79.5	51	-	4-16	3	12
1 1/4	-	180	115	89.0	64	-	4-16	3	13
1 1/2	-	200	125	98.5	73	-	4-16	3.5	15
2	43	230	152	120.5	92	100	4-19	3.5	16
2 1/2	46	290	180	139.5	105	120	4-19	3.5	18
3	46	310	190	152.5	127	133	4-19	4	19
4	52	350	230	190.5	157	162	8-19	4	24
5	56	400	255	216.0	186	189	8-23	4	24
6	56	480	280	241.5	216	216	8-23	4	26
8	60	495	345	298.5	270	272	8-23	4	29
10	68	550	405	362.0	324	320	12-25	4	31
12	78	620	485	432.0	381	386	12-25	4	35
14	78	720	535	476.0	413	435	12-29	5	39

Note: For more size, please consult our engineer.