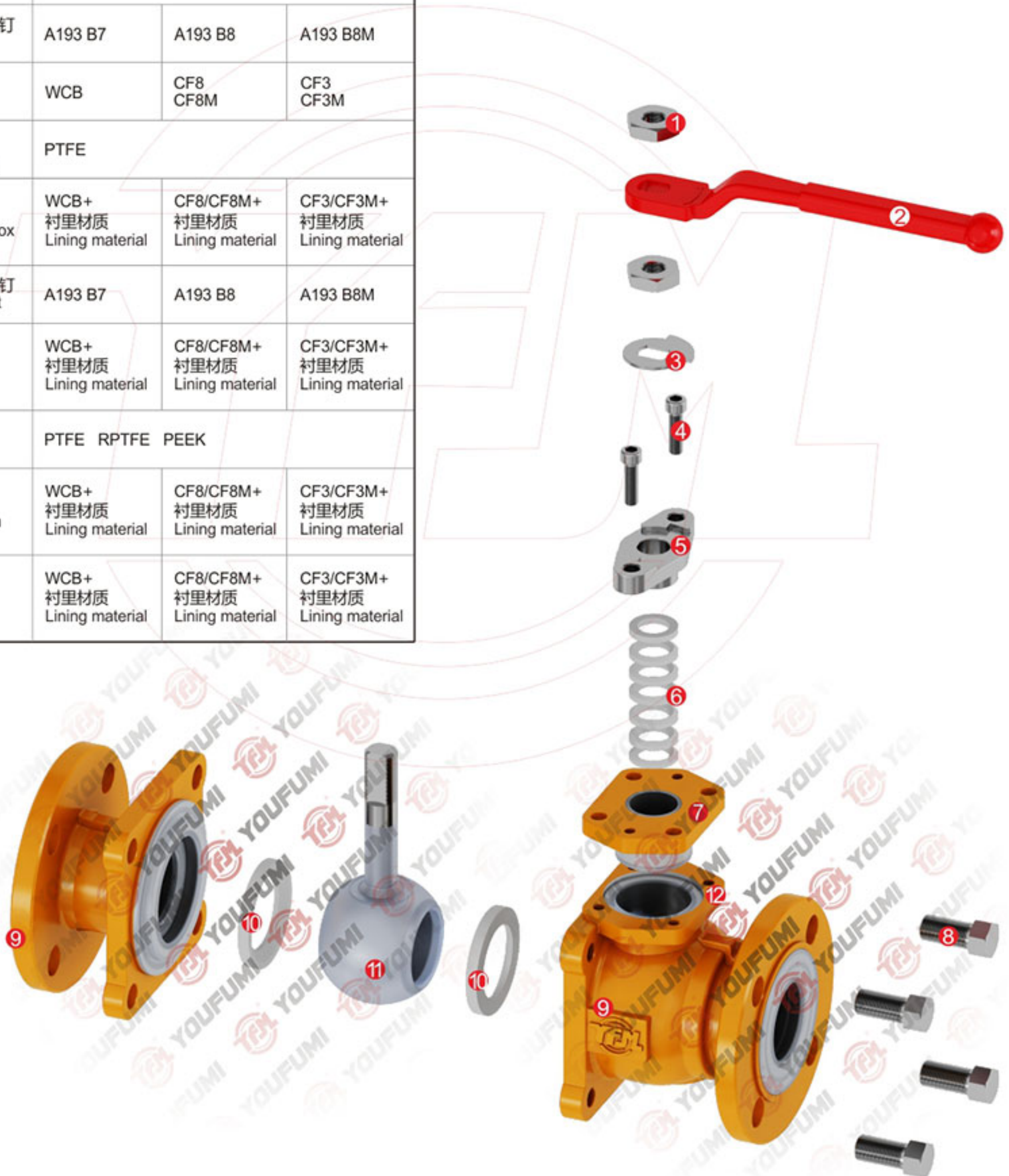


衬氟球阀 Lined Ball Valve

材料明细表 Material Specification

公称通径 Nominal Diameter		DN15-DN350		
公称压力 Nominal Pressure		1.0MPa 1.6MPa 150LB		
No.	名称 Name	材料明细 Material Lists		
1	螺母 Nut	A194 2H	A194 8	A194 8M
2	手柄 Lever	WCB	CF8 CF8M	CF3 CF3M
3	定位片 Locating Plate	25# SS304		
4	内六角螺钉 Screw	A193 B7	A193 B8	A193 B8M
5	压盖 Gland	WCB	CF8 CF8M	CF3 CF3M
6	填料 Packing	PTFE		
7	填料函 Stuffingbox	WCB+ 衬里材质 Lining material	CF8/CF8M+ 衬里材质 Lining material	CF3/CF3M+ 衬里材质 Lining material
8	外六角螺钉 Body bolt	A193 B7	A193 B8	A193 B8M
9	阀体 Body	WCB+ 衬里材质 Lining material	CF8/CF8M+ 衬里材质 Lining material	CF3/CF3M+ 衬里材质 Lining material
10	阀座 Seat	PTFE RPTFE PEEK		
11	球、杆 Ball/stem	WCB+ 衬里材质 Lining material	CF8/CF8M+ 衬里材质 Lining material	CF3/CF3M+ 衬里材质 Lining material
12	阀盖 Bonnet	WCB+ 衬里材质 Lining material	CF8/CF8M+ 衬里材质 Lining material	CF3/CF3M+ 衬里材质 Lining material

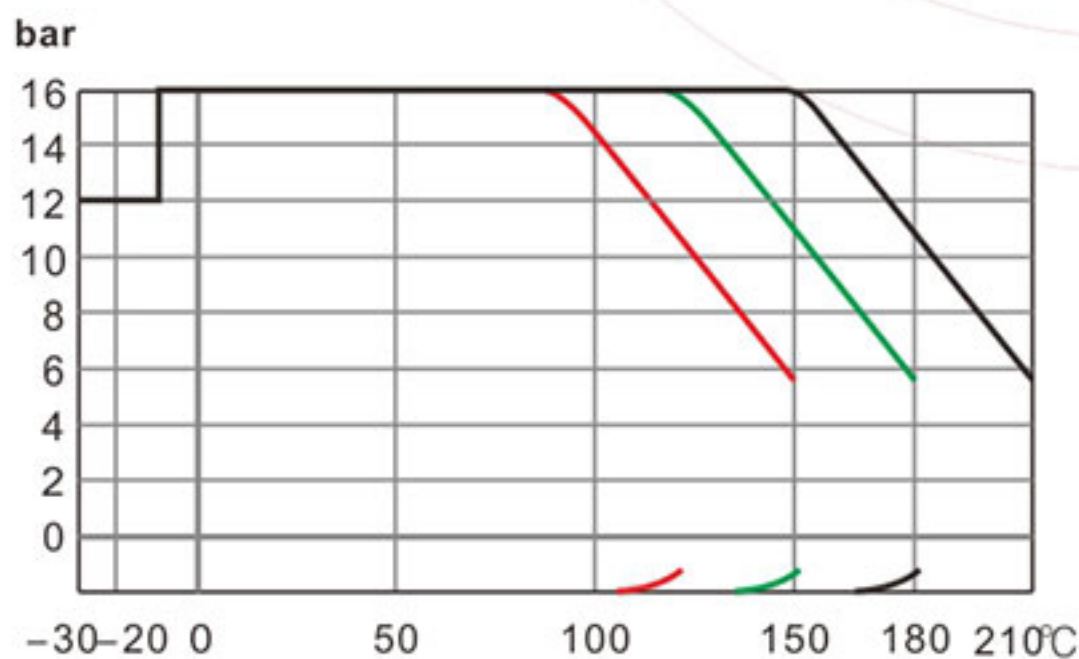


技术性能规范 Technical Specification

设计标准 Design & Manufacture Standard		HG/T 3704, GB/T 12237		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~DN350		1/2"~14"
公称压力 Nominal Pressure		1.0MPa	1.6MPa	150LB
试验压力 Test Pressure	壳体试压 Shell Test	1.5MPa	1.5MPa	1.5MPa
	高压密封 High Pressure Sealing	1.1MPa	1.1MPa	1.1MPa
	低压密封 Low Pressure Sealing	0.6MPa	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。高压力特殊情况协商处理。
Note: Test standard refers general valve standard, high pressure should be customized for processing.

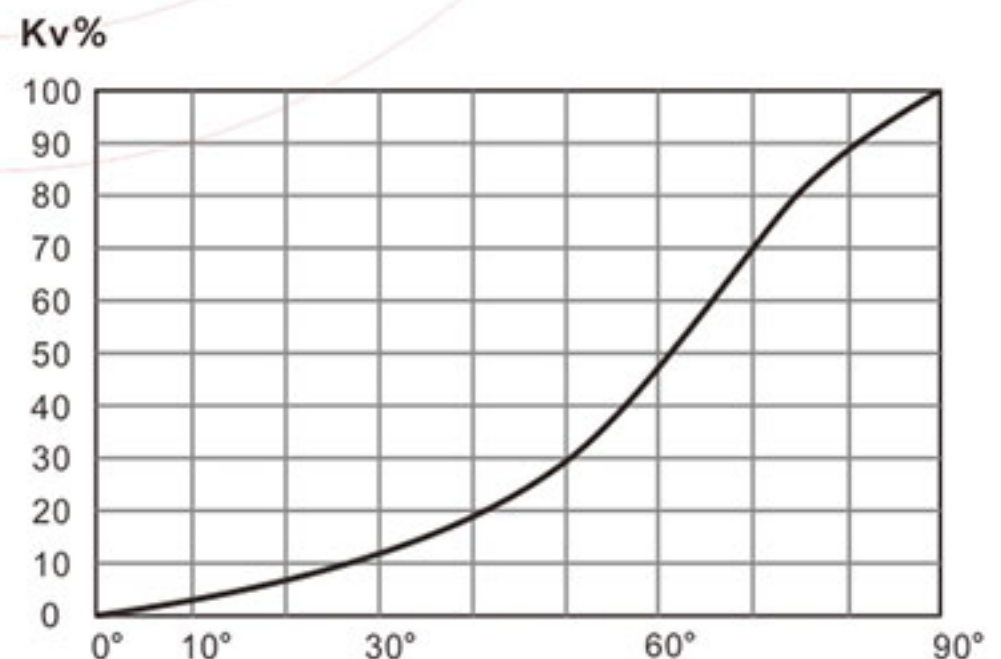
氟材料压力温度曲线
Pressure-Temperature Curve



真空 Vacuum: 0.1mbar

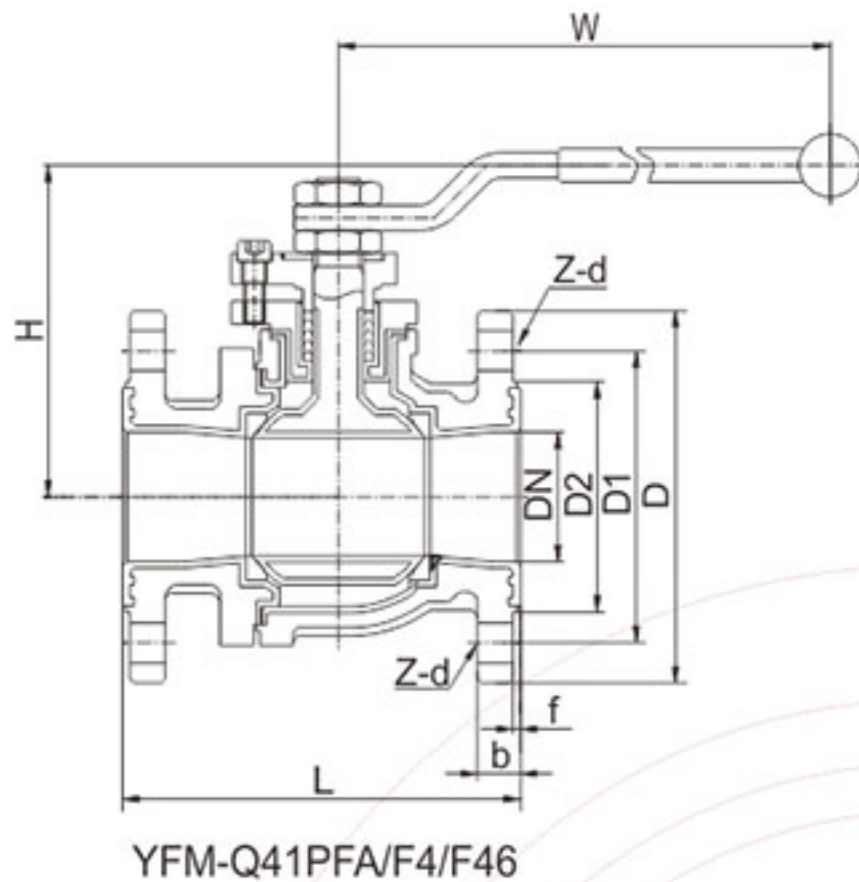
备注 Note: — PFA — PTFE — FEP

流量特性图
Flow Characteristic

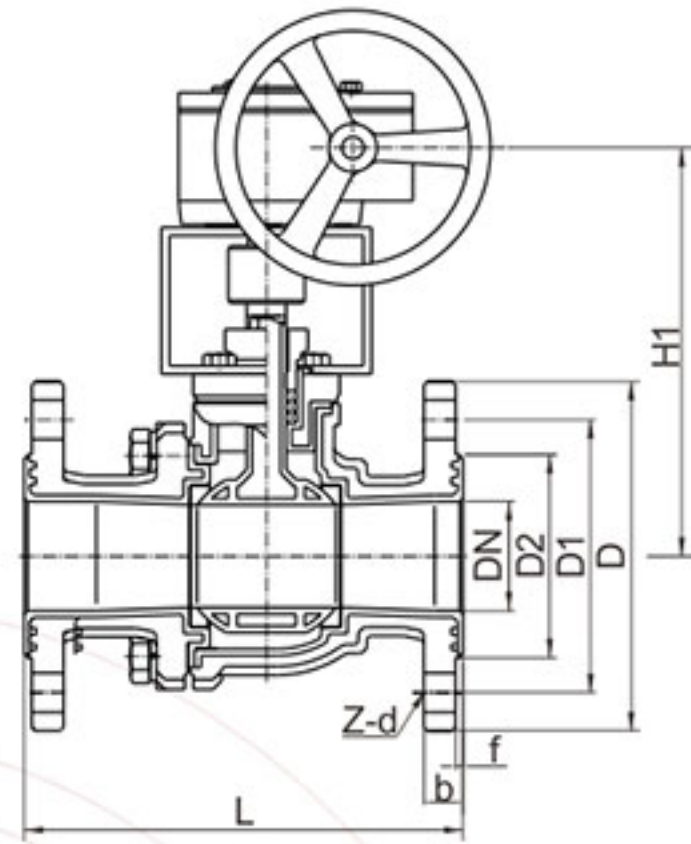


阀位角度 Valve Position Angle

1Cv=1.167Kv



YFM-Q41PFA/F4/F46



YFM-Q341PFA/F4/F46

HG/T 20592 PN10

单位Unit:mm

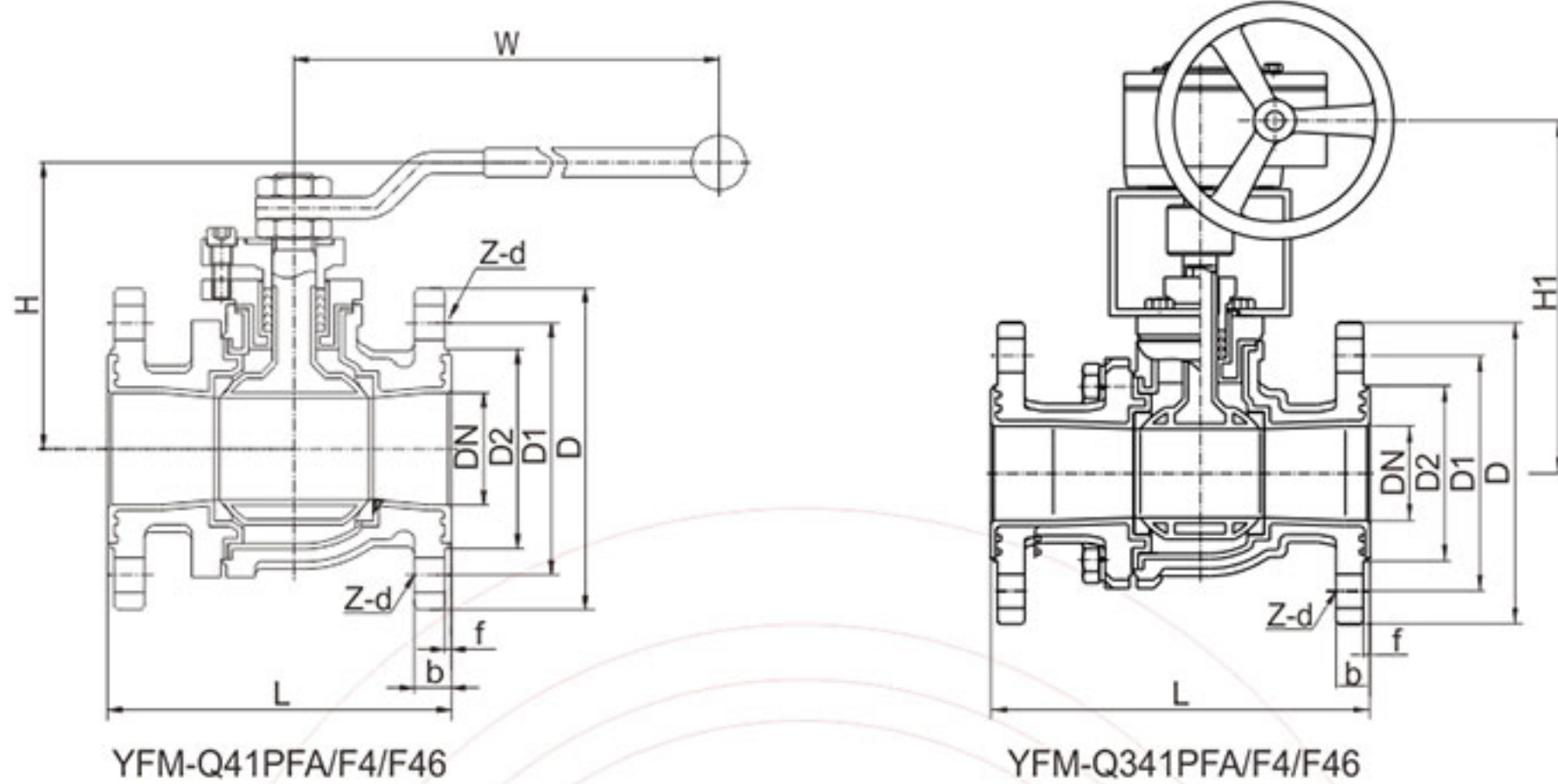
DN	L	D	D1	D2	Z-d	f	b	W	H	H1	Wt(Kg)
15	130	95	65	45	4-14	2.5	16	140	100	-	3.5
20	140	105	75	55	4-14	2.5	18	160	105	-	4
25	150	115	85	65	4-14	3	19	200	110	-	5.5
32	165	140	100	78	4-18	3	19	200	130	-	7
40	180	150	110	85	4-18	3.5	19	220	135	-	9
50	200	165	125	100	4-18	3.5	19	220	145	-	15.5
65	220	185	145	120	4-18	3.5	20	350	155	-	19.5
80	250	200	160	135	8-18	3.5	21	400	210	340	30
100	280	220	180	155	8-18	4	23	400	235	360	40
125	320	250	210	185	8-18	4	25	550	255	405	56
150	360	285	240	210	8-22	4	25	550	285	425	72
200	400	340	295	265	8-22	4	26	-	328	505	119
250	450	395	350	320	12-22	4	28	-	370	540	155
300	500	445	400	368	12-22	4	29	-	-	-	202
350	610	505	460	428	16-22	5	29	-	-	-	245

HG/T 20592 PN16

单位Unit:mm

DN	L	D	D1	D2	Z-d	f	b	W	H	H1	Wt(Kg)
15	130	95	65	45	4-14	2.5	16	140	100	-	3.5
20	140	105	75	55	4-14	2.5	18	160	105	-	4
25	150	115	85	65	4-14	3	19	200	110	-	5.5
32	165	140	100	78	4-18	3	19	200	130	-	7
40	180	150	110	85	4-18	3.5	19	220	135	-	9
50	200	165	125	100	4-18	3.5	19	220	145	-	15.5
65	220	185	145	120	4-18	3.5	20	350	155	-	19.5
80	250	200	160	135	8-18	3.5	21	400	210	340	30
100	280	220	180	155	8-18	4	23	400	235	360	40
125	320	250	210	185	8-18	4	25	550	255	405	57
150	360	285	240	210	8-22	4	25	550	285	425	73.5
200	400	340	295	265	12-22	4	26	-	328	505	121
250	450	405	355	320	12-26	4	28	-	370	540	159
300	500	460	410	375	12-26	4	29	-	-	-	202
350	610	520	470	435	16-26	5	29	-	-	-	250

注：更多尺寸，请联系有氟密工程师。



HG/T 20592 PN25

单位Unit:mm

DN	L	D	D1	D2	Z-d	f	b	W	H	H1	Wt(Kg)
15	130	95	65	45	4-14	2.5	16	140	100	-	3.5
20	140	105	75	55	4-14	2.5	18	160	105	-	4
25	150	115	85	65	4-14	3	19	200	110	-	5.5
32	165	140	100	78	4-18	3	19	200	130	-	7
40	180	150	110	85	4-18	3.5	19	220	135	-	9
50	200	165	125	100	4-18	3.5	19	220	145	-	15.5
65	220	185	145	120	8-18	3.5	20	350	155	-	19.5
80	250	200	160	135	8-18	3.5	21	400	210	340	30
100	280	235	190	160	8-22	4	25	400	235	360	44
125	320	270	220	188	8-26	4	25	550	255	405	63
150	360	300	250	218	8-26	4	26	550	285	425	79
200	400	360	310	278	12-26	4	28	-	328	505	124
250	450	425	370	332	12-30	4	29	-	370	540	162
300	500	485	430	390	16-30	4	29	-	510	-	220

ASME B16.5 Class150

单位Unit:mm

NPS	L	D	D1	D2	Z-d	f	b	W	H	H1	Wt(Kg)
1/2	110	90	60.5	35	4-16	2.5	12.5	140	100	-	3.5
3/4	117	100	70.0	43	4-16	2.5	14	160	105	-	4
1	127	110	79.5	51	4-16	3	16	200	110	-	5.5
1 1/4	140	115	89.0	64	4-16	3	17	200	130	-	7
1 1/2	165	125	98.5	73	4-16	3.5	19.5	220	135	-	9
2	178	152	120.5	92	4-19	3.5	21	220	145	-	15.5
2 1/2	190	180	139.5	105	4-19	3.5	24	350	155	-	19.5
3	203	190	152.5	127	4-19	3.5	26	400	210	340	30
4	229	230	190.5	157	8-19	4	27.5	400	235	360	40
5	254	255	216.0	186	8-23	4	27.5	550	255	405	57
6	267	280	241.5	216	8-23	4	28	550	285	425	73.5
8	292	345	298.5	270	8-23	4	31	-	328	505	121
10	330	405	362.0	324	12-25	4	33	-	370	540	159

Note: For more size, please consult our engineer.