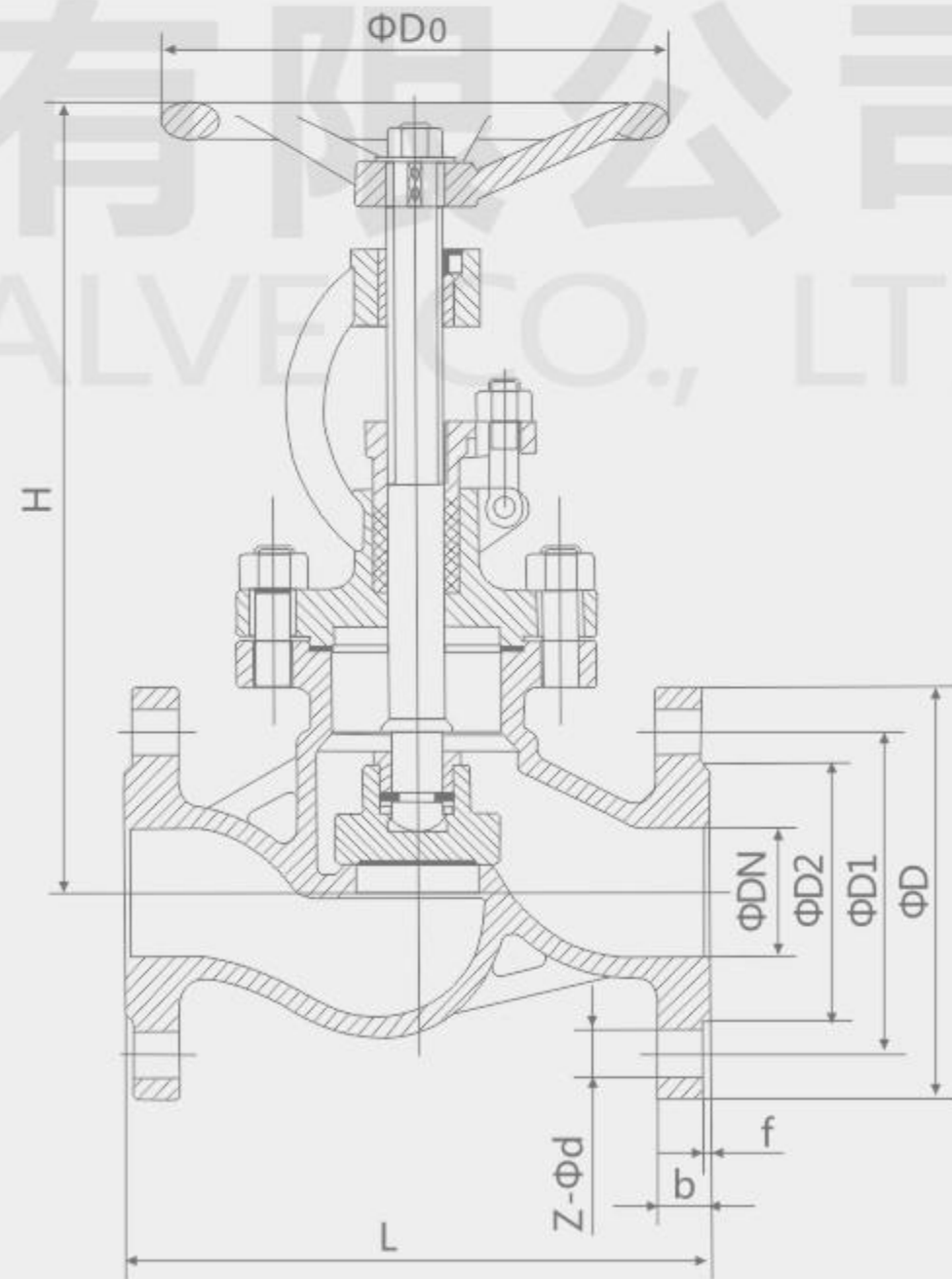




GLOBE VALVE SERIES 截止阀系列



国标截止阀

GB globe valve

结构优势与特点Structural advantages and characteristics

- 1、产品设计制造按国家标准GB 12235,结构合理，密封可靠，性能优良，造型美观。

2、阀瓣、阀座密封面用铁基合金堆焊或司太立（stellite）钴基硬质合金堆焊而成，耐磨、耐高温、耐腐蚀、抗擦伤性能好、使用寿命长。

3、阀杆经调质及表面氮化处理，有良好的抗腐蚀性和抗擦伤性。

4、可采用各种配管法兰标准及法兰密封面型式，满足各种工程需要和用户要求。

5、阀体材料品种齐全，填料、垫片可根据实际工况或用户要求合理选配，能适用与各种压力、温度及介质工况。

6、倒密封采用螺纹连接密封座或本体堆焊不锈钢而成，密封可靠，填料更换可在不停机情况下进行方便快捷不影响系统运行。
- 1、The product designed and manufactured according to national standard GB 12235, reasonable structure, reliable sealing, excellent performance and beautiful shape.

2、Flap valve, the valve seat sealing surface of iron based alloy or stellite (stellite) made of cobalt-based alloy welding, wear-resistant, high temperature, corrosion, anti-abrasion performance, long life.

3、Stem quenched and the nitrogen treatment, with good resistance to corrosion and scratch resistance.

4、Can be used with a variety of standard pipe flanges and flange sealing surface types to meet various project needs and user requirements.

5、Body material variety, packing, gasket can be based on actual working conditions or the user requests a reasonable option, can be applied with all kinds of pressure, temperature and medium conditions.

6、Sealed with screw connection seal back seat or body made of stainless steel welding, sealing and reliable replacement of filling in non-stop convenient and efficient manner does not affect system operation.

标准与规范 Standards and norms

设计与制造 Design and Manufacture	结构长度 Structure Length	压力、温度等级 Pressure、 temperature rating	连接法兰 Connecting flange	检验与试验 Test and Inspection
GB 12235	GB 12221	GB 12224	JB/T 79/82~1994 GB 9113 HG 20592-20635	JB/T 9092-1999 GB 13927

主要零件材料 Main components material

名称 Name	材料 Material								
阀体/阀盖 Body/Bonnet	CF8	CF3	CF8M	CF3M	WCB	LCB	WC6	WC9	C5
阀瓣 Wedge	CF8	CF3	CF8M	CF3M	WCB	LCB	WC6	WC9	C5
阀杆 Stem	F304	F304L	F316	F316L	2CR13	F304	F304	F304	F304
阀杆螺母 Stem Nut	铝青铜 Aluminium Bronze								
填料 Packing	PTFE/柔性石墨					石墨 Graphite			
垫片 Gasket	PTFE/金属缠绕垫					石墨 Graphite			
压盖 Gland	CF8	CF3	CF8M	CF3M	WCB	LCB	WC6	WC9	C5
螺栓 Bolt						35CrMoA			
螺母 Nut	不锈钢 Stainless Steel					45、35CrMoA			
手轮 Handwheel	不锈钢 Stainless Steel					铸钢 Cast Steel			

国标截止阀

GB globe valve

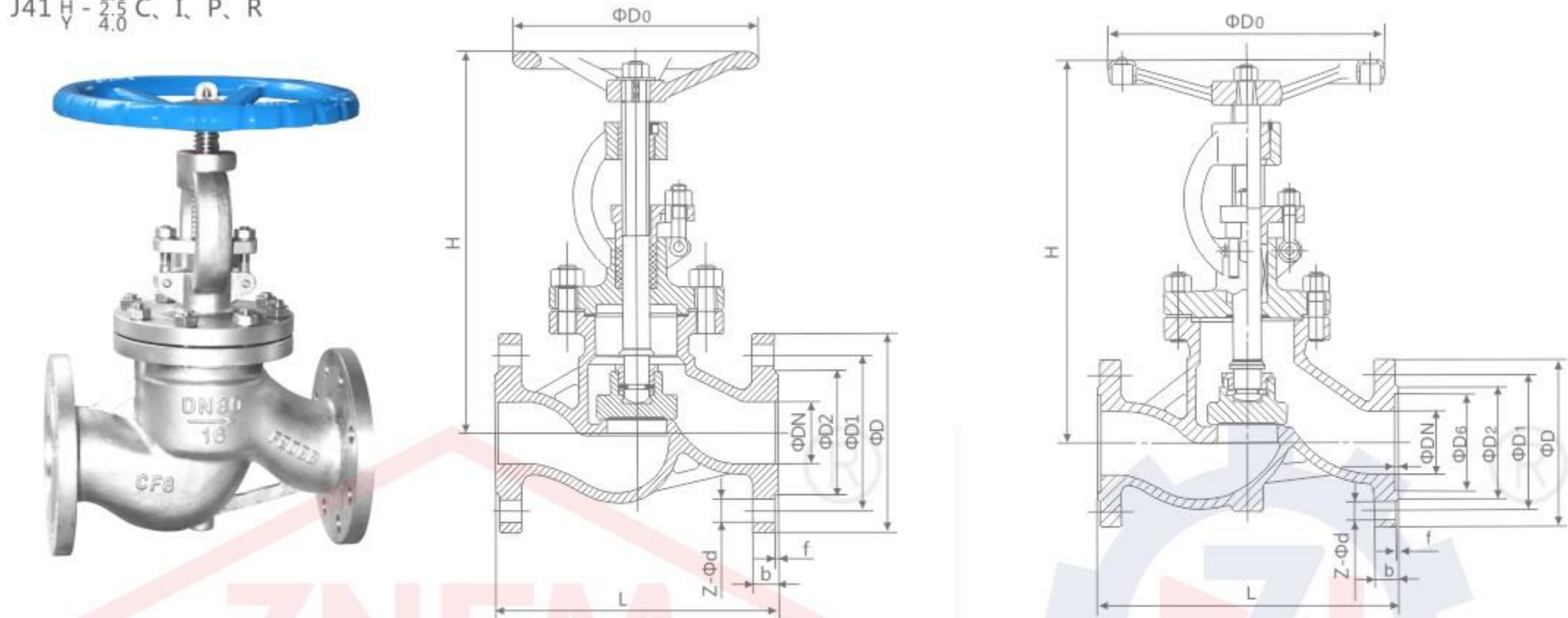
国标截止阀

GB globe valve

截止阀系列

GLOBE VALVE SERIES

J41 W - 1.6
C, I, P, R



主要外形尺寸及连接尺寸 Main external and connection dimension

公称压力 PN(MPa)	公称口径 DN(mm)	尺寸Size(mm)										重量 Weight (Kg)
		L	D	D1	D2	D6	b-f	f2	Z-φd	H	D0	
1.6	10	130	90	60	40	/	14-2	/	4-14	198	120	-
	15	130	95	65	45	/	14-2	/	4-14	218	120	-
	20	150	105	75	55	/	14-2	/	4-14	230	140	-
	25	160	115	85	65	/	14-2	/	4-14	240	160	-
	32	180	135	100	78	/	16-2	/	4-18	250	180	-
	40	200	145	110	85	/	16-3	/	4-18	262	200	-
	50	230	160	125	100	/	16-3	/	4-18	280	240	-
	65	290	180	145	120	/	18-3	/	4-18	327	280	-
	80	310	195	160	135	/	20-3	/	8-18	355	280	-
	100	350	215	180	155	/	20-3	/	8-18	415	320	-
	125	400	245	210	185	/	22-3	/	8-18	460	360	-
	150	480	280	240	210	/	24-3	/	8-23	510	400	-
	200	600	335	295	265	/	26-3	/	12-23	588	400	-
	250	650	405	355	320	/	30-3	/	12-25	725	450	-
	300	750	460	410	375	/	30-4	/	12-25	925	500	-
	350	850	520	470	435	/	34-4	/	16-25	1030	600	-
2.5	400	950	580	525	485	/	36-4	/	16-30	1170	700	-
	450	1050	640	585	545	/	40-4	/	20-30	1220	800	-
	500	1150	705	650	608	/	44-4	/	20-34	1410	900	-
	600	1350	840	770	718	/	48-5	/	20-41	1610	1000	-
	10	130	90	60	40	/	14-2	/	4-14	198	120	-
	15	130	95	65	45	/	14-2	/	4-14	218	120	-
	20	150	105	75	55	/	14-2	/	4-14	230	140	-
	25	160	115	85	65	/	14-2	/	4-14	240	160	-
	32	180	135	100	78	/	16-2	/	4-18	250	180	-
	40	200	145	110	85	/	16-3	/	4-18	262	200	-

主要外形尺寸及连接尺寸 Main external and connection dimension

公称压力 PN(MPa)	公称口径 DN(mm)	尺寸Size(mm)										重量 Weight (Kg)
		L	D	D1	D2	D6	b-f	f2	Z-φd	H	D0	
2.5	10	130	90	60	40	/	16-2	/	4-14	198	120	-
	15	130	95	65	45	/	16-2	/	4-14	218	120	-
	20	150	105	75	55	/	16-2	/	4-14	258	140	-
	25	160	115	85	65	/	16-2	/	4-14	275	160	-
	32	180	135	100	78	/	18-2	/	4-18	280	180	-
	40	200	145	110	85	/	18-3	/	4-18	330	200	-
	50	230	160	120	100	/	20-3	/	4-18	350	240	-
	65	290	180	145	120	/	22-3	/	8-18	400	280	-
	80	310	195	160	135	/	22-3	/	8-18	355	280	-
	100	350	230	190	160	/	24-3	/	8-23	415	320	-
	125	400	270	220	188	/	28-3	/	8-25	460	360	-
	150	480	300	250	218	/	30-3	/	8-25	510	400	-
	200	600	360	310	278	/	34-3	/	12-25	710	400	-
	250	650	425	370	332	/	36-3	/	12-30	786	450	-
	300	750	485	430	390	/	40-4	/	16-30	925	500	-
	350	850	550	490	448	/	44-4	/	16-34	1030	600	-
4.0	400	950	610	550	505	/	48-4	/	16-41	1170	700	-
	450	1050	660	600	555	/	50-4	/	20-34	1220	800	-
	500	1150	730	660	610	/	52-4	/	20-41	1450	900	-
	600	1350	840	770	718	/	56-5	/	20-41	1810	1000	-
	10	130	90	60	40	35	16-2	4	4-14	198	120	-
	15	130	95	65	45	40	16-2	4	4-14	233	120	-
	20	150	105	75	55	51	16-2	4	4-14	275	140	-
	25	160	115	85	65	58	16-2	4	4-14	285	160	-
	32	180	135	100	78	66	18-2	4	4-18	302	180	-
	40	200	145	110	85	76	18-3	4	4-18	355	200	-
	50	230	160	125	100	88	20-3	4	4-18	373	240	-
	65	290	180	145	120	110	22-3	4	8-18	408	280	-
	80	310	195	160	135	121	22-3	4	8-18	436	320	-
	100	350	230	190	160	150	24-3	4.5	8-23	480	360	-
	125	400	270	220	188	176	28-3	4.5	8-25	558	400	-
	150	480	300	250	218	204	30-3	4.5	8-25	611	400	-
	200	600	375	320	282	260	38-3	4.5	12-30	720	400	-
	250	650	445	385	345	313	42-3	4.5	12-34	665	500	-
	300	750	510	450	408	364	46-4	4.5	16-34	720	550	-
	350	850	570	510	465	422	52-4	5	16-34	860	600	-
	400	950	655	585	535	474	58-4	5	16-41	1010	700	-
	450	1050	680	610	560	524	60-4	5	20-41	1190	800	-
	500	1150	755	670	612	576	62-4	5	20-48	1260	900	-

注：电动或齿轮传动，价格另计。 Note: Electric or gear drive, the price extra.

截止阀系列

GLOBE VALVE SERIES

美标截止阀

API globe valve

J41 W -150Lb

产品概述 Products overview

美标截止阀主要有API和ASME标准，ASTM，ASTM是材料标准，不是阀门本身的标准；按美国标准设计，制造，生产、检测的截止阀叫做美标截止阀。

American standard cut-off valve mainly include API and ASME standard, ASTM, ASTM material standard, not the standard valve itself; According to the American standard design, manufacturing, production, testing, the cut-off valve American standard cut-off valve.

产品优点 Product advantages

1. 流体阻力小，其阻力系数与同长度的管段相等。
2. 结构简单、体积小、重量轻。
3. 紧密可靠，目前闸阀的密封面材料广泛使用塑料、密封性好，在真空系统中也已广泛使用。
4. 操作方便，开闭迅速，从全开到全关只要旋转90°，便于远距离的控制。
5. 维修方便结构简单，密封圈一般都是活动的，拆卸更换都比较方便。
6. 在全开或全闭时，阀体和阀座的密封面与介质隔离，介质通过时，不会引起阀门密封面的侵蚀。
7. 适用范围广，通径从小到几毫米，大到几米，从真空至高压力都可应用，球旋转90度时，在进、出口处应全部呈现球面，从而截断流动。
1. The fluid resistance is small, its resistance coefficient with section of equal length.
2. Simple structure, small volume, light weight.
3. Compact and reliable, the gate valve sealing surface of materials widely used plastic, sealing is good, have been widely used in the vacuum system.
4. Easy to operate, open and close quickly, from open to close just rotate 90°, is advantageous for the remote control.
5. Easy maintenance structure is simple, sealing ring, which generally remove replacement is more convenient.
6. In the fully open or fully closed, the valve body and seat sealing surface and the dielectric isolation, medium through, does not cause the valve sealing surface erosion.
7. Applicable scope is wide, size from small to several millimeters, big to a few meters, from high vacuum to high pressure can be applied, the ball rotate 90 degrees, in the inlet and outlet should be completely present spherical, thereby cutting flow.

标准 Standard

计与制造	结构长度	法兰尺寸	对焊连接尺寸	压力-温度	试验-检验
ANSI B16.34 BS1873	ANSI B16.10	ANSI B16.5	ANSI B16.25	ANSI B16.34	API 598

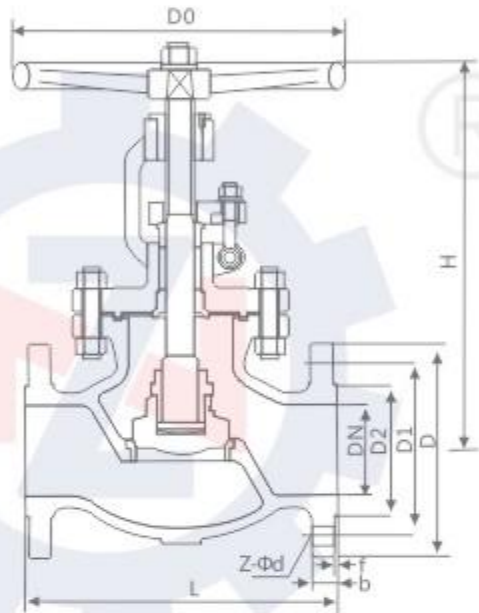
压力试验 Pressure test

公称压力 PN(Lb)	强度试验		水密封试验		气密封试验	
	MPa	Lbf/in2	MPa	Lbf/in2	MPa	Lbf/in2
150	3.0	430	2.2	315	0.4-0.7	60-100
300	7.7	1110	5.7	815		
600	15.3	2220	11.3	1630		
900	23.0	3330	17.0	2445		
1500	38.4	5560	28.2	4080		
2500	64.0	9255	47.0	6790		

主要零件材料及性能 Major parts material and the performance

体盖	阀杆	密封面	垫片（环）	填料	工作温度	适用介质
WCB	2Cr13	CF8/13Cr/STL 本体材料/尼龙	增强柔性石墨 13Cr/ 柔性石墨 SFB-2 08软钢 F304 F316 F304L F316L	柔性石墨 增强柔性石墨	≤425	水蒸汽油品
WC1	38CrMoAl 25Cr2MoV				≤425	
WC6					≤540	
WC9					≤570	
C5 C12					≤540	
CF8	F304			柔性石墨 增强柔性石墨	≤200	硝酸醋酸尿素
CF8M	F316					
CF3	F304L					
CF3M	F316L					

注：电动或齿轮传动，价格另计。 Note: Electric or gear drive, the price extra.



美标截止阀

API globe valve

主要尺寸和重量 Main dimensions and weight

DN		150Lb 凸面法兰（RF）主要尺寸（mm）								重量
mm	in	L	D	D1	D2	b	N-Φd	H	D0	
15	1/2	108	89	60.5	35	11.2	4-16	241	100	-
20	3/4	117	98	69.9	43	12.7	4-16	241	100	-
25	1	127	108	79.2	51	14.2	4-16	242	125	-
32	1 1/4	140	117	89	63	16	4-16	280	160	-
40	1 1/2	165	127	98.6	73	17.5	4-16	286	160	-
50	2	203	152	120.7	92	19	4-19	368	200	-
65	2 1/2	216	178	139.7	105	22.4	4-19	387	200	-
80	3	241	190	152.4	127	24	4-19	411	250	-
100	4	292	229	190.5	157	24	4-19	454	250	-
125	5	356	254	216.0	186	24	8-22.5	455	350	-
150	6	406	279	241.3	216	25.4	8-22.5	541	350	-
200	8	495	343	298.5	270	28.4	8-22.5	651	450	-
250	10	622	406	362.0	324	30.2	12-25.4	800	450	-
300	12	698	483	431.8	381	32	12-25.4	1231	600	-
350	14	787	533	476.3	413	35	12-29	1450	600	-
400	16	914	597	539.8	470	36.6	16-29	1645	600	-

DN		300Lb 凸面法兰（RF）主要尺寸（mm）								重量
mm	in	L	D	D1	D2	B	N-Φd	H	D0	
15	1/2	152	95	66.5	35	14.2	4-16	241	140	-
20	3/4	178	117	82.5	43	16	4-19	241	140	-
25	1	203	123	89	51	17.5	4-19	283	160	-
32	1 1/4	216	133	98.5	63	19	4-19	320	200	-
40	1 1/2	229	155	114.3	73	20.6	4-22.5	322	200	-
50	2	267	165	127	92	22.4	8-19	399	200	-
65	2 1/2	292	190	149.4	105	25.4	8-22.5	438	250	-
80	3	318	210	168.1	127	28.4	8-22.5	464	280	-
100	4	356	254	200.2	157	31.8	8-22.5	565	350	-
125	5	400	279	235	186	35	8-22.5	614	350	-
150	6	444	318	269.7	216	36.6	12-25.4	717	400	-
200	8	559	381	330.2	270	41.2	12-25.4	930	500	-
250	10	622	444	387.4	324	47.8	16-28.5	1012	550	-
300	12	711	521	450.8	381	50.8	16-32	1231	600	-
350	14	838	584	514.4	413	54	20-32	1450	600	-
400	16	864	648	571.5	470	57.2	20-35	1645	600	-

DN		600Lb 凸面法兰（RF）主要尺寸（mm）								重量
mm	in	L	D	D1	D2	B	N-Φd	H	D0	
15	1/2	165	95	66.5	35	14.5	4-16	285	100	-
20	3/4	190	117	82.5	43	16	4-19	285	125	-
25	1	216	124	89	51	17.5	4-19	313	160	-
32	1 1/4	229	133	98.5	63	21	4-19	328	160	-
40	1 1/2	241	156	114.3	73	22.5	4-22.5	365	180	-
50	2	292	165	127	92	33	8-19	444	200	-
65	2 1/2	330	190	149.4	105	36	8-22.5	483	250	-
80	3	356	210	168.1	127	39	8-22.5	533	250	-
100	4	432	273	216	157	45	8-25.4	622	350	-
125	5	508	330	266.7	186	52	8-28.5	750	350	-
150	6	559	356	292.1	216	55	12-28.5	800	450	-
200	8	660	419	349.3	270	63	12-32	927	500	-
250	10	787	508	431.8	324	71	16-35	1257	600	-
300	12	838	559	489	381	74	20-35	1468	680	-