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美标阀 / 国标阀 / 柱塞阀 / 活塞阀 / 高温球阀 / 锻钢阀
API valve / GB valve / Plunger valve / Piston valve
High temperature ball valve / Forged steel valve

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浙江万宇阀门有限公司
ZHEJIANG WANYU VALVE CO.,LTD.



美标闸阀、美标截止阀、美标球阀、美标止回阀

柱塞阀、柱塞截止阀、柱塞闸阀、活套阀、API柱塞阀、高温球阀

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企业简介

Brief Introduction

浙江万宇阀门有限公司座落在中国闻名的“中国泵阀之乡”温州永嘉县东瓯工业区。占地面积8030m²，建筑面积14000m²。公司成立于1999年6月。本公司是专业制造“万宇”牌美标闸阀、美标截止阀、美标球阀、美标止回阀、柱塞阀、柱塞截止阀、柱塞闸阀、活套阀、高温球阀、及API柱塞阀专业厂家。公司拥有雄厚的技术力量及先进的生产工艺，是集科研、设计、生产、销售及售后服务于一体的全过程柱塞阀及美标阀门制造企业，完善的质量保证体系，先进的管理方式给广大用户提供了有力保障，产品过程严格按照ISO 9001国际质量体系认证及（TS）特种设备制造许可证执行。

本公司所生产的柱塞阀系列及美标阀门系列通径为：DN15-1000mm，压力：1.0MPa-32MPa（150Lb-2500Lb），温度为-196℃-600℃，材质为：WCB、CF8（304）、CF8M（316）、WC6、WC9、ASTMA890 4A、ASTMA182 F51、Monel等。适用介质：水、蒸汽、石油、硝酸、醋酸、氮、氢、氨、尿素、氟氯酸等。广泛用于电力、水力、供热、化工、化肥、炼油、冶金、造纸、医药、酿酒、建筑等行业，深受广大客商信赖和好评。

公司具有多年的阀门研发和制造经验，我们以科技理念塑造阀门精确品质；我们以人格魅力、构筑市场诚信体系；力求打造国际品牌的民族工业产品，在不久的将来真正成为柱塞阀、美标阀为核心的现代化企业而努力奋斗。我们真诚的希望与海内外专家、客户携手合作，建立共享、共赢的关系。我们秉承“今天的质量、明天的市场”的经营理念 and “创新先进技术、不断创新、执着、诚信、协作”的宗旨，将以一流的产品质量，完善的售后服务及富有竞争性的价格，为中国阀门工业的腾飞和进步做出更大的贡献！

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万宇对每一个产品都进行严格的检测。检测员高度负责的用心溶于每一个部件中，加上最先进的检测设备和严格的科学化管理，使每一个生产的成品经得住顾客的精心挑选。万宇人庄严承诺让每一个生产产品都达到出厂标准。这正是万宇产品得以畅销的秘诀所在。

Wanyu of rigorous testing of each product. Inspector highly responsible carefully dissolved in every part, coupled with the most advanced detection equipment and strict scientific management, so that each production of refined withstand customer carefully selected. wanyu solemn promise to let each production products meet the standard factory. This is the secret of wanyu products selling.

精良的生产及检验设备 Superior Production And Inspection Equipments

完美的品质取源于制造手段的先进 Perfect Quality is Originated from advanced manufacturing means

万宇阀门拥有高精度的数控机床和加工中心，先进的设备及检测仪器，精良的工艺以及严格完善的质量管理体系，并聚集具有专业技术精英和领先水平的科技队伍，充分利用新技术、新工艺、新材料保证产品的稳定性和可靠性。万宇产品质量取源于手段的先进、精品意识源于不断的创新。

Wanyu valve has high precision CNC machine tools and machining center, advanced equipment and testing instruments, The excellent technology, strict and perfect quality management system, and gathered with professional and technical elite and leading the team of science and technology. To make full use of new technologies, new processes, new materials to ensure the stability of products and reliability. wanyu product quality comes from advanced means, quality consciousness comes from innovation.



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■ 闸阀特点 Gate Valve Trait

- ① 产品的设计制造符合美国国家标准ASME B16.34，美国石油协会标准API 600和API 6D要求。② 结构紧凑、体积小、刚性好、安全可靠。③ 关闭件（闸板）采用弹性结构，在工作中能自动补偿由于异常负荷或温度引起的阀体变形。因此，密封可靠，并且不会产生闸板模死。④ 阀座可为更换式阀座，可以任意组合与关闭件密封面材质的配对，以满足工况要求，延长使用寿命。
- ① Design and manufacture of product according to ASME B16.34, API 600 and API 6D. ② Compact structure, bulk small, good rigidity, safety trustiness. ③ Wedge disc aWpt flexible structure, and can automatic exipation distortion for body because thander burthen or temperature rise up, so seal credible, and prevent wedge disc locked. ④ Replaceable seat ranWm logoical, may partnership and seaing material of open and close part, and satisfy need for work and prolong useful logical.

■ 采用标准 AWpt Standard

设计标准 Design standards	API 6D/API 600, JIS B2073~2083
结构长度 Face to Face	ANSI B16.10、JIS B2002
配管法兰 Tubing Flange	ANSI B16.5、JIS B2212~2214
对焊端尺寸 Butt-weld Ends Size	ANSI B16.25
检验与试验 Check and Test	API 6D、API 598、JIS B2003
传动方式 Driving Style	手动、电动、伞齿轮传动 Hand operator、Electric、Conical gear drive

■ 试压规范 Specification for testing

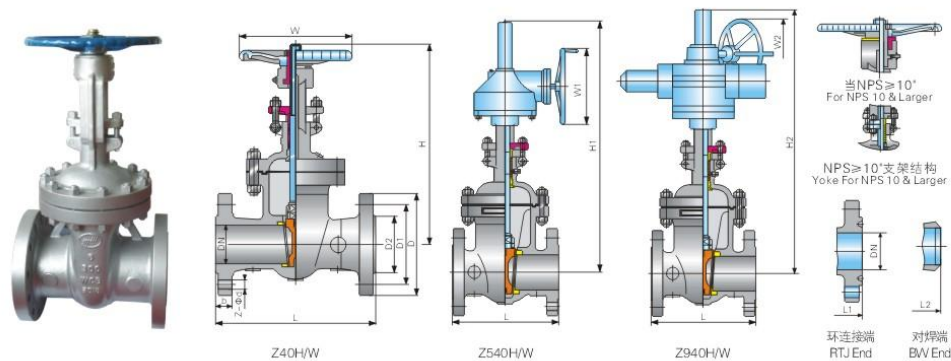
压力等级或公称压力 Pressure class and Nominal pressure	壳体试验 Shell test (Mpa)	密封试验 Seal test (Mpa)	
		高压液密封 Seal test (Mpa)	低压气密封 Low pressure gas seal
150Lb, PN20	3.0	2.2	0.6
300Lb, PN50	7.5	5.5	
600Lb, PN10	16.5	12.1	
JIS 10K	3.0	2.2	
JIS 20K	7.5	5.5	

■ 主要零件材料及性能规范 Main Parts Materias and Specification

单位Unit:mm

零件名称Part Name				材料Material			
阀体Body 阀盖Bonnet 闸板Wedge disc		ASTM A216 WCB		ASTM A351 CF8	ASTM A351 CF8M	ASTM A351 CF3	ASTM A351 CF8M
		1Cr13		0Cr18Ni9	0Cr17Ni12Mo2	00Cr19Ni10	00Cr17Ni14Mo2
阀杆Stem		F6a		304	316	304L	316L
上密封座Top seal seat		1Cr13 (F6a)		本体 Reality			
闸板Disc	密封面 Sealing face	13Cr	13Cr	STL	本体 Reality	本体 Reality	STL
阀座Seat		13Cr	STL	STL	本体 Reality	STL	STL
填料Packing		柔性石墨环+油浸石棉盘根 Flexible graphite ring + oil-immersed asbestos packing		≤200℃聚四氟乙烯或聚四氟乙烯编织填料 > 200℃柔性石墨环+柔性石墨编织填料		PTFE or PTFE intertext ure packing soft graphite ring+soft graphite intertexture packing	
垫片Gasket		柔性石墨复合垫(芯板: 碳钢或不锈钢)/不锈钢带/柔性石墨缠绕垫 Soft graphite composite gasket (cove, carbon steel or stainless steel) stainless steel strip/soft graphite spiral wound gasket					
中法兰螺栓 Middle flange Stud		35CrMo ASTM A193 B7		0Cr18Ni9 / ASTM A193 B8			
中法兰螺母 Middle flange Nut		45 ASTM A194 2H		0Cr18Ni9 / ASTM A194 8			
阀杆螺母Stem Nut		ZCuAl10Fe3 / ASTM A439 D2					
手轮Hand wheel		可锻铸铁、球墨铸铁、铸钢Forged castron, spherulitic graphic iron, cast steel					
适用工况 Suitable status	适用介质 Suitable medium	水、蒸汽、油品等 Water, steam, oil etc		硝酸等腐蚀性介质 Nitric acid etc	醋酸等腐蚀性介质 A cetum etc	强氧化性介质 Strong oxidation medium	尿素等腐蚀性介质 Urea and other corrosive media
	适用温度 Suitable temperature	-29~425℃		-40~200℃(超出该温度范围, 请在订货时注明) Save and except the temperature, please explain in ordering			

注：① 如法兰密封面采用凸面以外的型式，请在订货时注明。
Remark: ① If aWpt other style save and except the raised face, please explain in ordering.



主要外形和连接尺寸 Main External and Connection Dimension

单位Unit:mm

产品型号 Type	NPS	DN	Class 150Lb								WT (kg)
	in	mm	L	D	D1	D2	b	Z-Φd	H	W	
Z40H/Y/W-150Lb (Body: WCB) Z40H/Y/W-150Lb p (Body: CF8) Z40H/Y/W-150Lb R (Body: CF8M) Z40H/Y/W-150Lb PL (Body: CF3) Z40H/Y/W-150Lb RL (Body: CF3M)	2"	50	178	150	120.5	92	16.3	4-Φ19	323	200	18
	2 1/2"	65	190	180	139.5	105	17.9	4-Φ19	347	250	28
	3"	80	203	190	152.5	127	19.5	4-Φ19	383	250	30
	4"	100	229	230	190.5	157	24.3	8-Φ19	457	300	50
	5"	125	254	255	216	186	24.3	8-Φ22	632	300	63
	6"	150	267	280	241.5	216	25.9	8-Φ22	635	350	85
	8"	200	292	345	298.5	270	29	8-Φ22	762	350	128
	10"	250	330	405	362	324	30.6	12-Φ25	895	400	220
	12"	300	356	485	432	381	32.2	12-Φ25	1080	500	310
	14"	350	381	535	476.5	413	35.4	12-Φ29	1295	600	450
	16"	400	406	595	540	470	37	16-Φ29	1435	600	550
	18"	450	432	635	578	533	40.1	16-Φ32	1626	650	700
	20"	500	457	700	635	584	43.3	20-Φ32	1829	650	910
	24"	600	508	815	749.5	692	48.1	20-Φ35	2175	700	1130
	28"	700	610	835	795	762	45	40-Φ22	2695	700	2230
	32"	800	660	940	900	864	46.6	48-Φ22	3281	610	2490
	36"	900	711	1055	1010	972	52.9	44-Φ26	3721	610	3310
	40"	1000	762	1175	1121	1080	56.1	44-Φ29	3980	610	4840



主要外形和连接尺寸 Main External and Connection Dimension

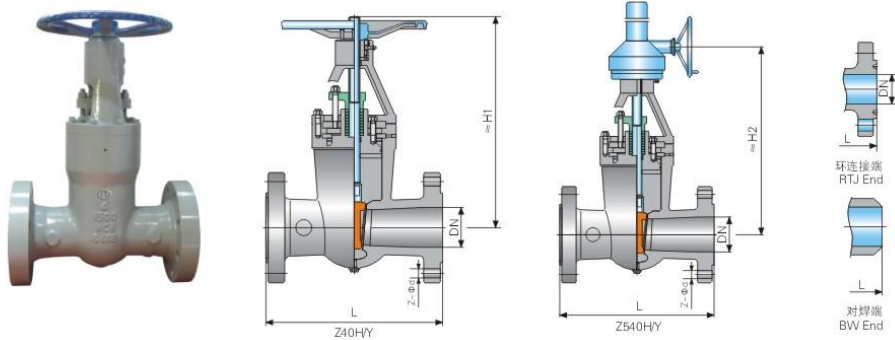
单位Unit:mm

产品型号 Type	NPS	DN	Class 300Lb								WT (kg)
	in	mm	L	D	D1	D2	b	Z-Φd	H	W	
Z40H/Y/W-300Lb (Body: WCB) Z40H/Y/W-300Lb p (Body: CF8) Z40H/Y/W-300Lb R (Body: CF8M) Z40H/Y/W-300Lb PL (Body: CF3) Z40H/Y/W-300Lb RL (Body: CF3M)	2"	50	216	165	127	92	22.7	8-Φ19	330	250	30
	2 1/2"	65	241	190	149	105	25.9	8-Φ22	368	250	36
	3"	80	282	210	168.5	127	29.0	8-Φ22	394	300	61
	4"	100	305	255	200	157	32.2	8-Φ22	473	300	77
	5"	125	381	280	235	186	35.4	8-Φ22	660	350	106
	6"	150	403	320	270	216	37	12-Φ22	711	350	153
	8"	200	419	380	330	270	41.7	12-Φ25	813	400	286
	10"	250	457	445	387.5	324	48.1	16-Φ29	1003	500	412
	12"	300	502	520	451	381	51.3	16-Φ32	1137	600	576
	14"	350	762	585	514.5	413	54.4	20-Φ32	1489	600	886
	16"	400	838	650	571.5	470	57.6	20-Φ35	1581	650	1175
	18"	450	914	710	628.5	533	60.8	24-Φ35	2017	838	1301
	20"	500	991	775	686	584	64	24-Φ35	2228	889	1672
	24"	600	1143	915	813	692	70.3	24-Φ41	2650	1092	2562
	32"	800	1524	1055	978	902	103.6	32-Φ41	3692	810	4850
	36"	900	1727	1170	1089	1010	103.6	32-Φ45	4104	1000	6850
	40"	1000	1930	1275	1191	1114	116.3	40-Φ45	4547	1000	8460

主要外形和连接尺寸 Main External and Connection Dimension

单位Unit:mm

产品型号 Type	NPS	DN	Class 600Lb								WT (kg)
	in	mm	L	D	D1	D2	b	Z-Φd	H	W	
Z40H/Y/W-600Lb (Body: WCB) Z40H/Y/W-600Lb p (Body: CF8) Z40H/Y/W-600Lb R (Body: CF8M) Z40H/Y/W-600Lb PL (Body: CF3) Z40H/Y/W-600Lb RL (Body: CF3M)	2"	50	292	165	127	92	25.4	8-Φ19	510	254	44
	2 1/2"	65	330	190	149	100	28.6	8-Φ22	554	254	60
	3"	80	356	210	168	127	31.8	8-Φ22	595	305	80
	4"	100	432	275	216	157	38.1	8-Φ25	712	356	145
	5"	125	508	330	266.5	186	44.5	8-Φ29	826	406	236
	6"	150	559	355	292	216	47.7	12-Φ29	995	508	309
	8"	200	660	420	349	270	55.6	12-Φ32	1157	610	522
	10"	250	787	510	432	324	63.5	16-Φ35	1373	686	779
	12"	300	838	560	489	381	66.7	20-Φ35	1603	686	1108
	14"	350	889	605	527	413	69.9	20-Φ38	1930	762	1503
	16"	400	991	685	603	470	76.2	20-Φ41	2032	889	1939
	18"	450	1092	745	654	533	82.6	20-Φ45	2286	889	2733
	20"	500	1194	815	724	584	88.9	24-Φ45	2591	1118	3214
	24"	600	1397	940	838	692	101.6	24-Φ52	3124	1118	4177
	28"	700	1549	950	864	784	115.9	28-Φ48	3362	1000	6050
	32"	800	1778	1085	984	895	130.2	28-Φ54	3811	1000	8312
	36"	900	2083	1215	1105	1010	146.1	28-Φ60	4260	1000	10000



主要外形尺寸 Main outline size

NPS		2	2½	3	4	6	8	12	14	16	18	20	24
L	RF	368	419	381	457	610	737	965	1029	1130	1219	1321	1549
	RTJ	371	422	384	460	613	740	968	1039	1140	1232	1334	1568
	BW	368	419	381	457	610	737	965	1029	1130	1219	1321	1549
手动 Manual operated	H1	620	673	695	825	1065	1318	1520	1902	2051	2212	2417	2750
	W	300	350	350	400	500	600	610	610	610	810	1000	1000
伞齿轮 Bevel Gear	H2	672	721	758	782	800	940	1691	1877	2143	2310	2750	3150
电动 Electromotor operated	H3	700	750	815	860	885	1068	1987	2096	2357	2560	2970	3390

Class 900Lb

NPS		2	3	4	6	8	10	12	14	16	18	20	24
L	RF	368	470	546	705	832	991	1130	1257	1384	1537	1664	1943
	RTJ	371	473	549	711	842	1000	1146	1276	1406	1559	1686	1971
	BW	368	470	546	705	832	991	1130	1257	1384	1537	1664	1943
手动 Manual operated	H1	510	620	728	1000	1300	1360	1633	1798	1963	2812	3078	3570
	W	250	300	350	500	600	458	610	610	610	610	1000	1000
伞齿轮 Bevel Gear	H2	569	670	770	1070	1180	1410	1620	2020	2180	2823	3102	3766
电动 Electromotor operated	H3	914	940	980	1290	1430	1690	1840	2260	2380	3022	3409	3987

Class 2500Lb

NPS		2	3	4	6	8	10	12
L	RF	451	578	673	914	1022	1270	1422
	RTJ	454	584	683	927	1038	1292	1444
	BW	451	578	673	914	1022	1270	1422
手动 Manual operated	H1	630	890	1050	1450	1610	2076	2281
	W	350	450	500	500	610	610	610
伞齿轮 Bevel Gear	H2	594	753	870	1129	1138	1530	1686
电动 Electromotor operated	H3	940	980	1191	1347	1445	1692	1914



截止阀特点 Globe Valve Trait

① 产品的设计制造符合美国国家标准ASME B16.34, 英国国家标准BS1873等国外先进标准要求。② 阀体外型为桶形或流线形, 造型美观, 流道形状为直通式, 流体阻力小。③ 关闭件(阀瓣)与阀座密封采用锥面密封, 关闭力小, 耐冲刷, 密封可靠。④ 阀座可为更换式阀座, 可任意组合与关闭件密封面材料的配对, 以满足各种工况要求, 延长使用寿命。

① Design and manufacture of product according to ANSI B16.34, and BS1873. ② Figure of body aWpt tubby or handsome streamline, by pass is through way type, liquid resistance small. ③ Sealing face of disc and seat use Subulate seal, open and close strength small, resist scour, seal credible. ④ Replaceable seat may ranWm logical, partnership and sealing material of open and close part, satisfy need for working and prolong useful logical.

采用标准 AWpt Standard

设计标准 Design standards	BS1873, JIS B2071-2081
结构长度 Face to Face	ANSI B16.10, JIS B2002
接管法兰 Tubing Flange	ANSI B16.5, JIS B2212-2214
对焊端尺寸 Butt-weld Ends Size	ANSI B16.25
检验与试验 Check and Test	API 598, JIS B2003
传动方式 Driving Style	手动、电动、伞齿轮传动 Hand operator, Electric, Conical gear drive

试压规范 Specification for testing

压力等级或公称压力 Pressure class and Nominal pressure	壳体试验 Shell test (Mpa)	密封试验 Seal test (Mpa)	
		高压液密封 Seal test (Mpa)	低压气密封 Low pressure gas seal
150Lb, PN20	3.0	2.2	0.6
300Lb, PN50	7.5	5.5	
600Lb, PN110	16.5	12.1	
JIS 10K	3.0	2.2	
JIS 20K	7.5	5.5	

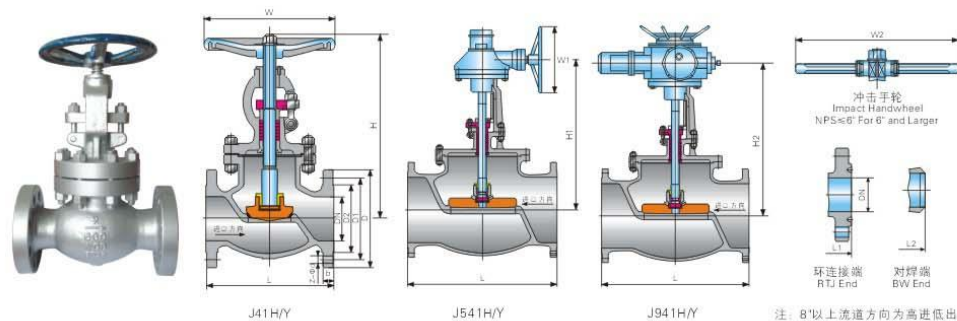
主要零件材料及性能规范 Main Parts Materias and Specification

单位 Unit:mm

零件名称 Part Name				材料 Material			
阀体 Body 阀盖 Bonnet 阀瓣 Disc		ASTM A216 WCB		ASTM A351 CF8	ASTM A351 CF8M	ASTM A351 CF3	ASTM A351 CF8M
阀杆 Stem		1Cr13		0Cr18Ni9	0Cr17Ni12Mo2	00Cr19Ni10	00Cr17Ni14Mo2
上密封座 Top seal seat		F6a		304	316	304L	316L
		1Cr13 (F6a)		本体 Reality			
阀瓣 Disc	密封面 Sealing face	13Cr	13Cr	STL	本体 Reality	本体 Reality	STL
阀座 Seat		13Cr	STL	STL	本体 Reality	STL	STL
填料 Packing		柔性石墨环 Flexible graphite ring		≤200℃聚四氟乙烯或聚四氟乙烯编织填料 >200℃柔性石墨环+柔性石墨编织填料		PTFE or PTFE intertexture packing soft graphite ring+soft graphite intertexture packing	
垫片 Gasket		柔性石墨复合垫(芯板:碳钢或不锈钢)不锈钢带/柔性石墨缠绕垫 Soft graphite composite gasket (cove: carbon steel or stainless steel) stainless steel strip/soft graphite spiral wound gasket					
中法兰螺栓 Middle flange Stud		35CrMo ASTM A193 B7		0Cr18Ni9 / ASTM A193 B8			
中法兰螺母 Middle flange Nut		45 ASTM A194 2H		0Cr18Ni9 / ASTM A194 8			
阀杆螺母 Stem Nut		ZCuAl10Fe3 / ASTM A439 D2					
手轮 Hand wheel		可锻铸铁、球墨铸铁、铸钢 Forged castiron, spherulitic graphic iron, cast steel					
适用 工况 Suitable status	适用介质 Suitable medium	水、蒸汽、油品等 Water, steam, oil etc		硝酸等腐蚀性介质 Nitric acid etc	醋酸等腐蚀性介质 Ac etum etc	强氧化性介质 Strong oxidation medium	尿素等腐蚀性介质 Urea and other corrosive media
	适用温度 Suitable temperature	-29~425℃		-40~200℃(超出该温度范围、请在订货时注明) Save and except the temperature, please ecplain in ordering			

注: ① 如法兰密封面采用凸面以外的型式, 请在订货时注明。

Remark: ① If aWpt other style save and except the raised face, please explain in ordering.



注: 8"以上流道方向为高进低出

主要外形和连接尺寸 Main External and Connection Dimension

单位Unit:mm

产品型号 Type	NPS	DN	Class 150Lb								WT (kg)
	in	mm	L	D	D1	D2	b	Z-Φd	H	W	
J41H/YW-150Lb (Body: WCB)	2"	50	203	150	120.5	92	16.3	4-Φ19	356	180	18
	2 1/2"	65	216	180	139.5	105	17.9	4-Φ19	381	240	30
	3"	80	241	190	152.4	127	19.5	4-Φ19	411	280	41
	4"	100	292	230	190.5	157	24.3	8-Φ19	454	280	64
J41H/YW-150Lb p (Body: CF8)	5"	125	356	255	216	186	24.3	8-Φ22	541	320	86
J41H/YW-150Lb R (Body: CF8M)	6"	150	406	280	241.5	216	25.9	8-Φ22	565	360	113
J41H/YW-150Lb PL (Body: CF3)	8"	200	495	345	298.5	270	29	8-Φ22	768	450	115
	10"	250	622	405	362	324	30.6	12-Φ25	800	500	295
	12"	300	698	485	432	381	32.2	12-Φ25	862	600	450
	14"	350	787	535	476.5	413	35.4	12-Φ29	950	650	550
J41H/YW-150Lb RL (Body: CF3M)	16"	400	914	595	540	470	37	16-Φ29	994	650	724
	18"	450	978	635	578	533	40.1	16-Φ32	1140	610	1400
	20"	500	978	700	635	584	43.3	20-Φ32	1262	610	2600
	24"	600	1295	815	749.5	692	48.1	20-Φ35	1524	810	3700



主要外形和连接尺寸 Main External and Connection Dimension

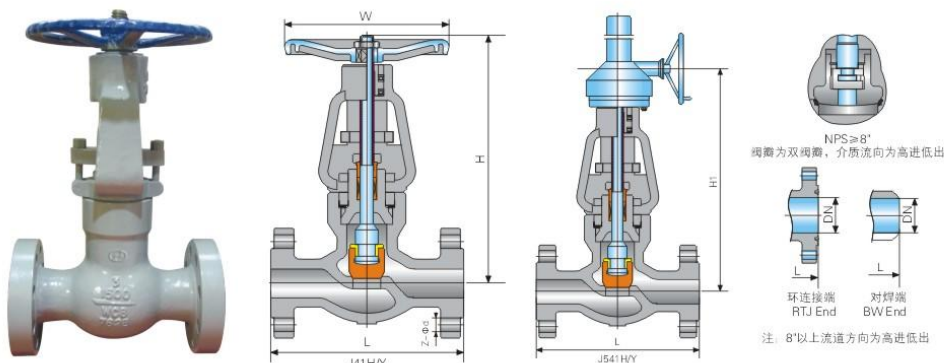
单位Unit:mm

产品型号 Type	NPS	DN	Class 300Lb								WT (kg)
	in	mm	L	D	D1	D2	b	Z-Φd	H	W	
J41H/YW-300Lb (Body: WCB)	2"	50	267	165	127	92	22.7	8-Φ19	406	200	25
	2 1/2"	65	292	190	149	105	25.9	8-Φ22	457	240	30
	3"	80	318	210	168.5	127	29.0	8-Φ22	470	280	35
	4"	100	356	255	200	157	32.2	8-Φ22	590	320	56
	5"	125	400	280	235	186	35.4	8-Φ22	614	400	96
	6"	150	444	320	270	216	37	12-Φ22	711	500	120
	8"	200	559	380	330	270	41.7	12-Φ25	750	500	212
	10"	250	622	445	387.5	324	48.1	16-Φ29	1012	500	460
	12"	300	711	520	451	381	51.3	16-Φ32	1231	600	615
	14"	350	838	585	514.5	413	54.4	20-Φ32	1130	610	1125
J41H/YW-300Lb PL (Body: CF3)	16"	400	864	650	571.5	470	57.6	20-Φ35	1310	610	1650
	18"	450	978	710	628.5	533	60.8	24-Φ35	1460	610	2700
	20"	500	1016	775	686	584	64	24-Φ35	1632	810	3650

主要外形和连接尺寸 Main External and Connection Dimension

单位Unit:mm

产品型号 Type	NPS	DN	Class 600Lb								WT (kg)
	in	mm	L	D	D1	D2	b	Z-Φd	H	W	
J41H/YW-600Lb (Body: WCB)	2"	50	292	165	127	92	25.4	8-Φ19	444	240	35
	2 1/2"	65	330	190	149	105	28.6	8-Φ22	483	240	50
	3"	80	356	210	168	127	31.8	8-Φ22	533	280	60
	4"	100	432	275	216	157	38.1	8-Φ25	622	360	110
	5"	125	508	330	267	186	44.5	8-Φ29	750	360	200
	6"	150	559	355	292	216	47.7	12-Φ29	800	500	230
	8"	200	600	420	349	270	55.6	12-Φ32	927	550	410
	10"	250	787	510	432	324	63.5	16-Φ35	1257	600	770
	12"	300	838	560	489	381	66.7	20-Φ35	1468	680	1140
	14"	350	889	605	527	413	69.9	20-Φ38	1521	610	1330
J41H/YW-600Lb PL (Body: CF3)	16"	400	991	685	603	470	76.2	20-Φ41	1610	762	1750
	18"	450	1092	745	654	533	82.6	20-Φ45	1801	810	3300
	20"	500	1194	815	724	584	88.9	24-Φ45	1934	810	4300



主要外形尺寸 Main outline size

Class 900Lb

NPS		2	2½	3	4	5	6	8	10	12
L	RF	368	419	381	457	559	610	737	838	965
	RTJ	371	422	384	460	562	613	740	841	968
	BW	368	419	381	457	559	610	737	838	965
H		546	597	711	718	780	950	1184	1479	1755
W		320	360	440	500	550	650	610	610	810
WT		75	82	95	135	286	355	680	1050	1480

Class 1500Lb

NPS		2	2½	3	4	6	8
DN		50	65	80	100	150	200
L	RF	368	419	470	546	705	832
	RTJ	371	422	473	549	711	842
	BW	368	419	470	546	705	832
H		557	557	557	685	925	1100
W		400	400	400	400	700	700
WT		75	82	95	135	355	680

Class 2500Lb

NPS		2	2½	3	4	6
DN		50	65	80	100	150
L	RF	451	508	578	673	914
	RTJ	454	514	584	683	927
	BW	451	508	578	673	914
H		595	595	710	820	1260
W		400	500	600	700	800
WT		115	136	205	275	860



止回阀特点 Check Valve Trait

① 产品的设计制造符合英国国家标准BS 1868, 美国石油协会标准API 6D要求。② 阀瓣为旋启式, 流道为直通式, 水平管道、垂直管道均可安装。③ 摇杆销轴采用内装式结构, 减少了外泄漏缺点。④ 阀体, 阀盖为螺栓连接, 高压情况下(PN≥10MPa), 中法兰采用内压自密封结构, 使得产品体积小, 重量轻, 密封可靠。

① Design and manufacture of product according to BS 1868, API 6D. ② Disc is swing, bypass is through way type, all of level pipe and plumb pipe may fix. ③ Rocker and hinge pin use backseated design, reduces outer leakage point. ④ Body, bonnet is connected with stud, on high pressure(PN≥10MPa), Middle flange use pressure seat structure, make product bult small, weight light, seal credible.

采用标准 AWpt Standard

设计标准 Design standards	BS 1868, JIS B2074-2084
结构长度 Face to Face	ANSI B16.10, JIS B2002
配管法兰 Tubing Flange	ANSI B16.5, JIS B2212-2214
对焊端尺寸 But-weld Ends Size	ANSI B16.25
检验与试验 Check and Test	API 6D, API 598, JIS B2003
传动方式 Driving Style	手动、电动、伞齿轮传动 Hand operator, Electric, Conical gear drive

试压规范 Specification for testing

压力等级或公称压力 Pressure class and Nominal pressure	壳体试验 Shell test (Mpa)	密封试验 Seal test (Mpa)	
		高压液密封 Seal test (Mpa)	低压气密封 Low pressure gas seal
150Lb, PN20	3.0	2.2	0.6
300Lb, PN50	7.5	5.5	
600Lb, PN110	16.5	12.1	
JIS 10K	3.0	2.2	
JIS 20K	7.5	5.5	

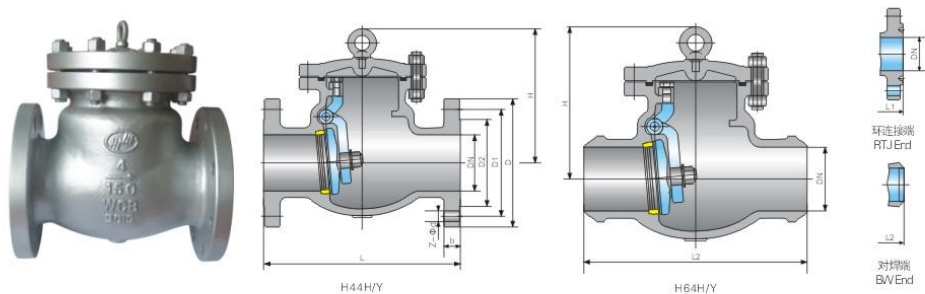
主要零件材料及性能规范 Main Parts Materias and Specification

单位 Unit:mm

零件名称 Part Name	材料 Material				
阀体 Body 阀盖 Bonnet 阀瓣 Disc 摇杆 Rocker	ASTM A216 WCB		ASTM A351 CF8	ASTM A351 CF8M	ASTM A351 CF3
阀轴 Hinge pin	1Cr13		0Cr18Ni9	0Cr17Ni12Mo2	0Cr19Ni10
阀板 Disc 阀座 Seat	13Cr	13Cr	STL	STL	STL
阀瓣螺母 Disc Nut	1Cr13		0Cr18Ni9	0Cr17Ni12Mo2	0Cr19Ni10
防松销 Trunnion pin	304		316	304L	316L
垫片 Gasket	柔性石墨复合垫 (芯板: 碳钢或不锈钢) 不锈钢带/柔性石墨缠绕垫 Soft graphite composite gasket (cove: carbon steel or stainless steel) stainless steel strip/soft graphite spiral wound gasket				
中法兰螺栓 Middle flange Stud	35CrMo ASTM A193 B7		0Cr18Ni9 / ASTM A193 B8		
中法兰螺母 Middle flange Nut	45 ASTM A194 2H		0Cr18Ni9 / ASTM A194 8		
适用工况 Suitable status	适用介质 Suitable medium	水、蒸汽、油品等 Water, steam, oil etc	硝酸等腐蚀性介质 Nitric acid etc	醋酸等腐蚀性介质 Acetic acid etc	强氧化性介质 Strong oxidation medium
适用温度 Suitable temperature	-29~425℃ -40~200℃(超出该温度范围, 请在订货时注明) Save and except the temperature, please explain in ordering				

注: ① 如法兰密封面采用凸面以外的型式, 请在订货时注明。

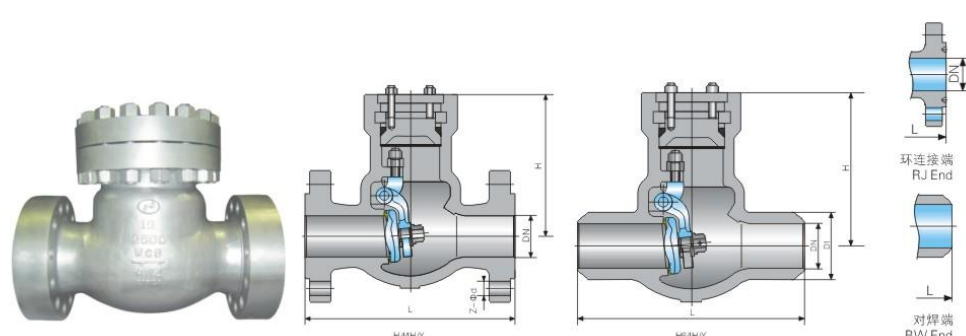
Remark: ① If aWpt other style save and except the raised face, please explain in ordering.



主要外形和连接尺寸 Main External and Connection Dimension

单位Unit:mm

产品型号 Type	NPS in	DN mm	Class 150Lb/300Lb/600Lb							WT (kg)
			L	D	D1	D2	b	Z-Φd	H	
H44H-150Lb (Body: WCB)	2"	50	203	150	120.5	92	16.3	4-Φ19	161	17
	2 1/2"	65	216	180	139.5	105	17.9	4-Φ19	180	23
	3"	80	241	190	152.5	127	19.5	4-Φ19	190	33
	4"	100	292	230	190.5	157	24.3	8-Φ19	220	44
H44H-150Lb p (Body: CF8)	6"	150	356	280	241.5	216	25.9	8-Φ22	257	78
	8"	200	495	345	298.5	270	29	8-Φ25	292	137
	10"	250	622	405	362	324	30.6	12-Φ25	350	207
	12"	300	698	485	432	381	32.2	12-Φ25	398	279
H44H-150Lb R (Body: CF8M)	14"	350	787	535	476.5	413	35.4	12-Φ29	445	387
	16"	400	864	595	540	470	37	16-Φ29	490	446
	18"	450	978	635	578	533	40.1	16-Φ32	520	621
	20"	500	978	700	635	584	43.3	20-Φ32	546	770
H44H-150Lb RL (Body: CF3M)	24"	600	1295	815	749.5	692	48.1	20-Φ35	880	970
	2"	50	267	165	127	92	22.7	8-Φ19	179.5	20
H44H-300Lb (Body: WCB)	2 1/2"	65	292	190	149.2	105	25.9	8-Φ22	190	24
	3"	80	318	210	168.3	127	29.0	8-Φ22	212.4	40
H44H-300Lb p (Body: CF8)	4"	100	356	255	200	157	32.2	8-Φ22	246	51
	6"	150	444	320	270	216	37	12-Φ22	292	90
H44H-300Lb R (Body: CF8M)	8"	200	533	380	330	270	41.7	12-Φ25	328	175
	10"	250	622	445	387.5	324	48.1	16-Φ29	378.6	210
H44H-300Lb PL (Body: CF3)	12"	300	711	520	451	381	51.3	16-Φ32	450	286
	14"	350	838	585	514.5	413	54.4	20-Φ32	470	400
H44H-300Lb RL (Body: CF3M)	16"	400	864	650	572	470	57.6	210-Φ35	530	550
	18"	450	978	710	629	534	60.8	24-Φ35	584	700
H44H-600Lb (Body: WCB)	20"	500	1016	775	686	584	64	24-Φ35	610	860
	24"	600	1346	915	813	692	70.3	24-Φ41	860	1931
H44H-600Lb p (Body: CF8)	2"	50	292	165	127	92	25.4	8-Φ19	203	34
	2 1/2"	65	330	190	150	105	28.6	8-Φ22	229	45
H44H-600Lb R (Body: CF8M)	3"	80	356	210	168	127	31.8	8-Φ22	235	63
	4"	100	432	275	216	157	38.1	8-Φ25	286	114
H44H-600Lb PL (Body: CF3)	6"	150	559	355	292	216	47.7	12-Φ29	330	207
	8"	200	660	420	349	270	55.6	12-Φ32	381	387
H44H-600Lb RL (Body: CF3M)	10"	250	787	510	432	324	63.5	16-Φ35	457	580
	12"	300	838	560	489	381	66.7	20-Φ35	584	778
	14"	350	889	605	527	413	69.9	20-Φ38	635	9869
	16"	400	991	685	603	470	76.2	20-Φ41	684	1380



主要外形尺寸 Main outline size

Class 900Lb

NPS		2	2 1/2	3	4	5	6	8	10	12	14	16	18	20	24
DN		50	65	80	100	125	150	200	250	300	350	400	450	500	600
L	RF	368	419	381	457	559	610	737	838	965	1029	1130	1219	1321	1549
	RTJ	371	422	384	460	562	613	740	841	968	1039	1140	1232	1334	1568
	BW	368	419	381	457	559	610	737	838	965	1029	1130	1219	1321	1549
H		200	220	280	320	360	400	480	560	632	680	780	880	1050	1200
WT		48	75	95	135	200	264	424	730	1070	1180	1790	2500	3080	4600

Class 1500Lb

NPS		2	2½	3	4	5	6	8	10	12	14	16
DN		50	65	80	100	125	150	200	250	300	350	400
L	RF	368	419	470	546	673	705	832	991	1130	1257	1384
	RTJ	371	422	473	549	676	711	842	1001	1146	1276	1406
	BW	368	419	470	546	673	705	832	991	1130	1257	1384
H		210	240	303	340	380	430	500	590	660	710	820
WT		48	75	120	180	294	385	634	1140	1650	2000	2700

Class 2500Lb

NPS		2	2½	3	4	5	6	8	10	12
DN		50	65	80	100	125	150	200	250	300
L	RF	451	508	578	673	794	914	1022	1270	1422
	RTJ	454	514	584	683	807	927	1038	1292	1444
	BW	451	508	578	673	794	914	1022	1270	1422
H		230	260	330	370	410	460	530	620	690
WT		68	100	165	260	440	580	970	1700	2600



球阀特点 Ball Valve Trait

①产品的设计制造符合美国国家标准ASME B16.34, 美国石油协会标准API 608、API 6D要求。②所有阀类中流体阻力最小。③开闭速度快, 只旋转90°即可完成开关。④阀座材料采用聚四氟乙烯或增强聚四氟乙烯, 摩擦系数小、密封可靠、启闭轻松。⑤球体在阀座之间的运动带有擦拭作用, 故适用于带悬浮颗粒的介质。⑥阀杆带有上密封, 并采用倒装式结构, 可防止在介质压力作用下阀杆冲出。⑦根据用户需要可设有防静电, 耐火和防止误操作的锁定机构。⑧根据开闭力的需要球体可为浮动球或固定球。固定球阀其阀座是浮动的, 依靠介质压力的阀座上产生的活塞效应实现密封, 减轻开闭力。

① Design and manufacture of product according to ASME B16.34, API 608, API 6D. ② Liquid resistance smallest. ③ Speed of open and close quick, only turn on 90° degree may finish open and close. ④ Seat material use teflon or Rteflon, low friction seal logical, open and close light. ⑤ Toword of ball on the middle of two seat has wipe function, so may suitable medium for suspend granule. ⑥ Stem use top seal and hyperbatic structure, which may prevent medium to obtrude on the condition of pressure. ⑦ According to need of consumer may design locked organanti-static, fire-safe, and prevent wrong operator. ⑧ Body of ball has float and trunnion ball, accordanle with need of strength for opening and closing. seat of trunnion ball valve is float, and depend on piston Wrmno effect on the seat realize seal, ease strength of open and close.

采用标准 AWpt Standard

设计标准 Design standards	API 6D/API 608
结构长度 Face to Face	ANSI B16.10、JIS B2002
配管法兰 Tubing Flange	ANSI B16.5、JIS B2212-2214
对焊端尺寸 Butt-weld Ends Size	ANSI B16.25
检验与试验 Check and Test	API 6D、API 598、JIS B2003
传动方式 Driving Style	手动、蜗轮传动、气动、电动、液动 Hand operator, Wormwheel, Pneumatic, Electric, Hydraulic
结构形式 Construction Style	固定球、浮动球 Trunnion ball, Float ball

试压规范 Specification for testing

压力等级或公称压力 Pressure class and Nominal pressure	壳体试验 Shell test (Mpa)	密封试验 Seal test (Mpa)	
		高压液密封 Seal test (Mpa)	低压气密封 Low pressure gas seal
150Lb, FN20	3.0	2.2	0.6
300Lb, FN50	7.5	5.5	
600Lb, FN110	16.5	12.1	
JIS 10K	3.0	2.2	
JIS 20K	7.5	5.5	

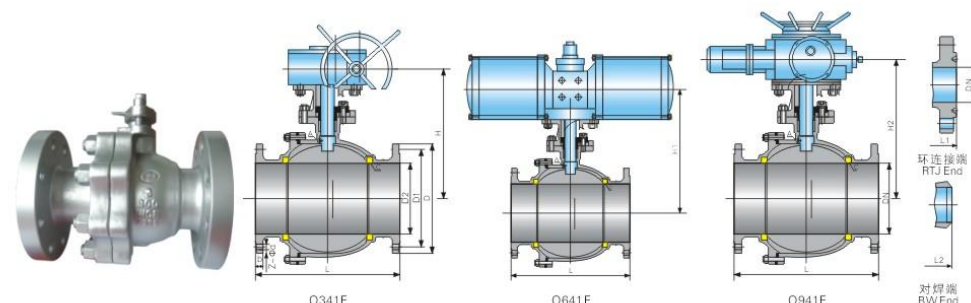
主要零件材料及性能规范 Main Parts Materias and Specification

单位Unit:mm

零件名称 Part Name		材料 Material				
阀体Body 端盖Bonnet		ASTM A216 WCB	ASTM A351 CF8	ASTM A351 CF8M	ASTM A351 CF3	ASTM A351 CF8M
阀杆Stem		1Cr13	0Cr18Ni9	0Cr17Ni12Mo2	00Cr19Ni10	00Cr17Ni14Mo2
球体Ball		F6a	304	316	304L	316L
阀座Seat		增强聚四氟乙烯 (R-PTFE)			对位聚苯 (PPL)	
填料Packing		聚四氟乙烯 (PTFE)			对位聚苯 (PPL)	
垫片Gasket		不锈钢带/聚四氟乙烯或柔性石墨缠绕垫 stainless steel strip/soft graphite spiral wound gasket				
弹簧Spring		304	304	316	304L	316L
上密封垫Top seal gasket		聚四氟乙烯 (PTFE)			对位苯聚 (PPL)	
螺栓Bot		35CrMo	0Cr18Ni9 / ASTM A193 B8			
		ASTM A193 B7				
		45				
螺母Nut			0Cr18Ni9 / ASTM A194 8			
		ASTM A194 2H				
适用工况 Suitable status	适用介质 Suitable medium	水、蒸汽、油品等 Water, steam, oil etc	硝酸等腐蚀性介质 Nitric acid etc	醋酸等腐蚀性介质 A cetum etc	强氧化性介质 Strong oxidation medium	尿素等腐蚀性介质 Urea and other corrosive media
	适用温度 Suitable temperature	-29~180℃ (增强聚四氟乙烯) (R-PTFE)			-29~300℃ (对位聚苯PPL)	

注: ①如法兰密封面采用凸面以外的型式, 请在订货时注明。

Remark: ① If aWpt other style save and except the raised face, please explain in ordering.



主要外形和连接尺寸 Main Ertrenal and Connection Dimension

单位Unit:mm

产品型号 Type	NFS	DN	Class 150Lb								WT (kg)
	in	mm	L	D	D1	D2	b	Z-Φd	H	W	
Q41F-150Lb Q41F-150Lb P Q341F-150Lb Q341F-150Lb P Q641F-150Lb Q641F-150Lb P Q9B41F-150Lb Q9B41F-150Lb P	1/2"	15	108	90	60.5	35	10	4-Φ16	55	130	2.3
	3/4"	20	117	100	70	43	11	4-Φ16	55	130	3.0
	1"	25	127	110	79.5	51	11.6	4-Φ16	70	160	4.5
	1 1/4"	32	140	115	89	64	13.2	4-Φ16	75	160	5.5
	1 1/2"	40	165	125	98.5	73	14.7	4-Φ16	90	200	7.0
	2"	50	178	150	120.5	92	16.3	4-Φ19	104	350	9.5
	2 1/2"	65	190	180	139.53	105	17.9	4-Φ19	153	400	15.0
	3"	80	203	190	152.5	127	19.5	4-Φ19	187	500	19
	4"	100	229	230	190.5	157	24.3	8-Φ19	206	500	33
	5"	125	356	255	216	186	24.3	8-Φ22	244	600	58
	6"	150	394	280	241.5	216	25.9	8-Φ22	252	600	93
	8"	200	457	345	298.5	270	29	8-Φ22	283	800	160
	10"	250	533	405	362	324	30.6	12-Φ25	345	800	200



主要外形和连接尺寸 Main External and Connection Dimension

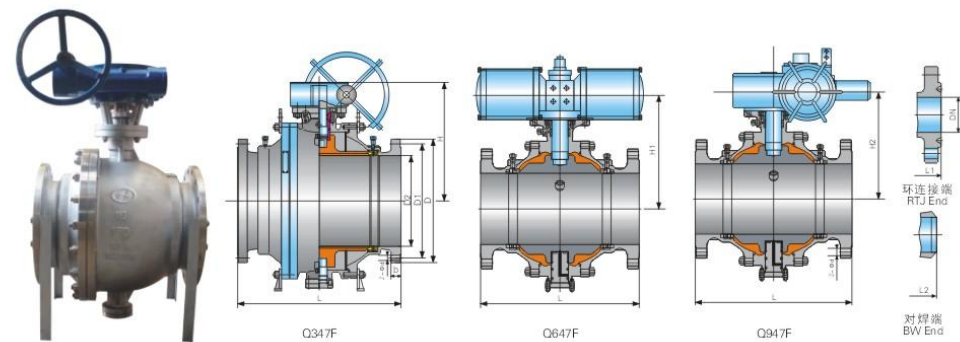
单位Unit:mm

产品型号 Type	NPS	DN	Class 300Lb								WT (kg)
	in	mm	L	D	D1	D2	b	Z-Φd	H	W	
Q41F-300Lb Q41F-300Lb P Q341F-300Lb Q341F-300Lb P Q641F-300Lb Q641F-300Lb P Q9B41F-300Lb Q9B41F-300Lb P	1/2"	15	140	95	67	35	14.7	4-Φ16	55	130	2.5
	3/4"	20	152	115	83	43	16.3	4-Φ19	55	130	3.5
	1"	25	165	125	89	51	18	4-Φ19	70	160	5.5
	1 1/4"	32	178	135	98.5	63.5	19.5	4-Φ19	75	160	8.0
	1 1/2"	40	190	155	114.5	73	21.1	4-Φ22	90	200	10.5
	2"	50	216	165	127	92	22.7	8-Φ19	104	350	14.5
	2 1/2"	65	241	190	149	105	25.9	8-Φ22	153	400	23.5
	3"	80	283	210	168.5	127	29.0	8-Φ22	187	500	30
	4"	100	305	255	200	157	32.2	8-Φ22	206	500	55
	5"	125	381	280	235	186	35.4	8-Φ22	244	600	81
	6"	150	403	320	270	216	37	12-Φ22	252	600	118
	8"	200	502	380	330	270	41.7	12-Φ25	283	800	200
	10"	250	568	445	387.5	324	48.1	16-Φ29	345	800	250

主要外形和连接尺寸 Main External and Connection Dimension

单位Unit:mm

产品型号 Type	NPS	DN	Class 600Lb								WT (kg)
	in	mm	L	D	D1	D2	b	Z-Φd	H	W	
Q41F-600Lb Q41F-600Lb P Q341F-600Lb Q341F-600Lb P Q641F-600Lb Q641F-600Lb P Q9B41F-600Lb Q9B41F-600Lb P	1/2"	15	165	95	67	35	14.3	4-Φ16	70	-	3.8
	3/4"	20	190	115	83	43	16	4-Φ19	70	-	5.1
	1"	25	216	125	89	51	17.5	4-Φ19	75	-	7.2
	1 1/4"	32	229	135	98.5	64	20.7	4-Φ19	80	-	10.5
	1 1/2"	40	241	155	114.5	73	22.3	4-Φ22	98	-	17.6
	2"	50	292	165	127	92	25.4	8-Φ19	155	400	20
	2 1/2"	65	330	190	149	100	28.6	8-Φ22	205	400	32
	3"	80	356	210	168	127	31.8	8-Φ22	238	600	41
	4"	100	632	275	216	157	38.1	8-Φ25	276	600	70
	5"	125	508	330	270	186	44.5	8-Φ29	305	600	110
	6"	150	559	355	292	216	47.7	12-Φ29	322	800	150
	8"	200	660	420	349	270	55.6	12-Φ32	356	800	200
	10"	250	787	510	432	324	63.5	16-Φ35	400	800	280



主要外形和连接尺寸 Main External and Connection Dimension

单位Unit:mm

产品型号 Type	NPS	DN	Class 150Lb									WT (kg)
	in	mm	L	D	D1	D2	b	Z-Φ d	H	Ht	W	
Q47F~150Lb Q47F~150Lb P Q347F~150Lb Q347F~150Lb P Q647F~150Lb Q647F~150Lb P Q747F~150Lb Q747F~150Lb P Q9B47F~150Lb Q9B47F~150Lb P	2"	50	178	150	120.5	92	16.3	4-Φ 19	177	120	-	15
	2 1/2"	65	190	180	139.5	105	17.9	4-Φ 19	190	140	-	19
	3"	80	203	190	152.5	127	19.5	4-Φ 19	210	150	-	27
	4"	100	229	230	190.5	157	24.3	8-Φ 19	235	172	-	38
	5"	125	355	255	216	186	24.3	8-Φ 22	350	195	-	58
	6"	150	394	280	241.5	216	25.9	8-Φ 22	530	250	-	81
	8"	200	457	345	298.5	270	29	8-Φ 22	620	290	600	140
	10"	250	533	405	362	324	30.6	12-Φ 25	650	320	600	160
	12"	300	610	485	432	381	32.2	12-Φ 25	780	360	600	205
	14"	350	686	535	476.5	413	35.4	12-Φ 29	790	395	800	260
	16"	400	762	595	540	470	37	16-Φ 29	920	435	800	390
	18"	450	864	635	578	533	40.1	16-Φ 32	970	490	800	510
	20"	500	914	700	635	584	43.3	20-Φ 32	1100	530	800	750
	24"	600	1067	815	749.5	692	48.1	20-Φ 35	1150	590	800	1200



主要外形和连接尺寸 Main External and Connection Dimension

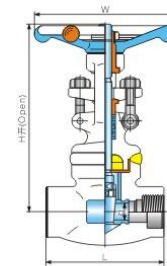
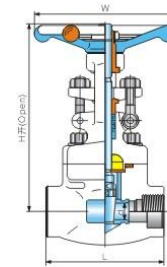
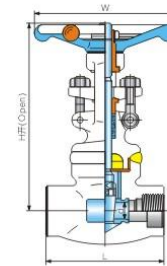
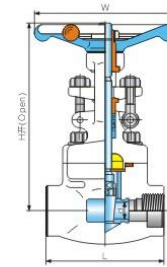
单位Unit:mm

产品型号 Type	NPS	DN	Class 300Lb									WT (kg)
	in	mm	L	D	Di	De	b	Z-Φd	H	Hi	W	
Q47F-300Lb Q47F-300Lb P Q347F-300Lb Q347F-300Lb P Q647F-300Lb Q647F-300Lb P Q747F-300Lb Q747F-300Lb P Q9B47F-300Lb Q9B47F-300Lb P	2"	50	216	165	127	92	22.7	8-Φ19	177	120	-	20
	2 1/2"	65	241	190	149	105	25.9	8-Φ22	190	140	-	25
	3"	80	283	210	168.5	127	29.0	8-Φ22	210	150	-	30
	4"	100	305	255	200	157	32.2	8-Φ22	235	172	-	40
	5"	125	381	280	235	186	35.4	8-Φ22	350	195	-	65
	6"	150	403	320	270	216	37	12-Φ22	530	250	-	85
	8"	200	502	380	330	270	41.7	12-Φ25	620	290	-	100
	10"	250	568	445	387.5	324	48.1	16-Φ29	650	320	600	182
	12"	300	648	520	451	381	51.3	16-Φ32	780	360	600	212
	14"	350	762	585	514.5	413	54.4	20-Φ32	790	395	600	288
	16"	400	838	650	571.5	470	57.6	20-Φ35	920	435	800	468
	18"	450	914	710	628.5	533	60.8	24-Φ35	970	490	800	587
	20"	500	991	775	686	584	64	24-Φ35	1100	530	800	863
	24"	600	1143	915	813	692	70.3	24-Φ41	1150	590	800	1396

主要外形和连接尺寸 Main External and Connection Dimension

单位Unit:mm

产品型号 Type	NPS	DN	Class 600Lb									WT (kg)
	in	mm	L	D	Di	De	b	Z-Φd	H	Hi	W	
Q47F-600Lb Q47F-600Lb P Q347F-600Lb Q347F-600Lb P Q647F-600Lb Q647F-600Lb P Q747F-600Lb Q747F-600Lb P Q9B47F-600Lb Q9B47F-600Lb P	2"	50	292	165	127	92	25.4	8-Φ19	177	120	-	26
	2 1/2"	65	330	190	149	100	28.6	8-Φ22	190	140	-	36
	3"	80	356	210	168	127	31.8	8-Φ22	210	150	-	56
	4"	100	432	275	216	157	38.1	8-Φ25	235	172	-	81
	5"	125	508	330	266.5	186	44.5	8-Φ29	350	195	-	120
	6"	150	559	355	292	216	47.7	12-Φ29	530	250	-	142
	8"	200	660	420	349	270	55.6	12-Φ32	620	290	-	287
	10"	250	787	510	432	324	63.5	16-Φ35	650	320	600	540
	12"	300	838	560	489	381	66.7	20-Φ35	780	360	600	780
	14"	350	889	605	527	413	69.9	20-Φ38	790	395	600	1000
	16"	400	991	685	603	470	76.2	20-Φ41	920	435	800	1300
	18"	450	1092	745	654	533	82.6	20-Φ45	970	490	800	1700
	20"	500	1194	815	724	584	88.9	24-Φ45	1100	530	800	2100
	24"	600	1397	940	838	692	101.6	24-Φ51	1150	590	800	3400



螺栓连接阀盖，缩径和全径，明杆支架(OS&Y)
Bolted bonnet, full port reducing port outside screw and yoke(OS&Y)
末端连接为螺纹或承插焊或对焊，设计按API602
Threated, butt-welded or socket welded ends; desing to API602

CL800

规格(NPS) Specification	R.P	-	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3
	F.P	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2
结构长度(mm)Face to face	L	79	79	92	111	120	120	140	178	180
手轮直径(mm) Handwheel diameter	W	100	100	100	125	160	160	180	200	220
中心高度(开)(mm)Height	H	161	161	163	196	223	251	290	333	370
流通孔径(mm) Flow port dimension	d	8	10.5	13.5	18	24	29	36.5	45	51
重量(kg)Weight		2.22	2.3	2.39	4.24	5.7	7.05	10.9	16.8	24

螺栓连接阀盖，缩径和全径，明杆支架(OS&Y)
Bolted bonnet, full port reducing port outside screw and yoke(OS&Y)
末端连接为螺纹或承插焊或对焊，设计按API602
Threated, butt-welded or socket welded ends; desing to API602

CL800

规格(NPS) Specification	R.P	-	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3
	F.P	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2
结构长度(mm)Face to face	L	79	79	92	111	120	120	140	178	180
手轮直径(mm) Handwheel diameter	W	100	100	100	125	160	160	180	200	220
中心高度(开)(mm)Height	H	161	161	163	196	223	251	290	333	370
流通孔径(mm) Flow port dimension	d	8	10.5	13.5	18	24	29	36.5	45	51
重量(kg)Weight		1.9	1.9	2.1	3.2	5.2	6.9	10.4	15.8	22

螺栓连接阀盖，缩径和全径，明杆支架(OS&Y)
Bolted bonnet, full port reducing port outside screw and yoke(OS&Y)
末端连接为螺纹或承插焊或对焊，设计按API602
Threated, butt-welded or socket welded ends; desing to API602

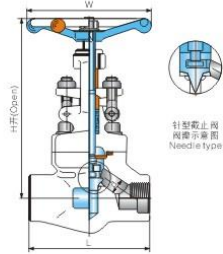
CL900-1500

规格(NPS) Specification	R.P	-	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3
	F.P	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2
结构长度(mm)Face to face	L	92	92	111	120	120	140	178	180	-
手轮直径(mm) Handwheel diameter	W	100	100	125	160	160	180	200	220	-
中心高度(开)(mm)Height	H	191	171	192	219	243	296	316	370	-
流通孔径(mm) Flow port dimension	d	8	10.5	13.5	18	24	29	36.5	45	-
重量(kg)Weight		2.4	2.4	4.4	6	7.2	11.4	16	23	-

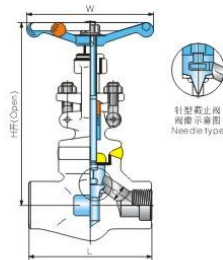
螺栓连接阀盖，缩径和全径，明杆支架(OS&Y)
Bolted bonnet, full port reducing port outside screw and yoke(OS&Y)
末端连接为螺纹或承插焊或对焊，设计按API602
Threated, butt-welded or socket welded ends; desing to API602

CL900-1500

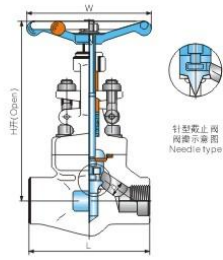
规格(NPS) Specification	R.P	-	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3
	F.P	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2
结构长度(mm)Face to face	L	92	92	111	120	120	140	178	180	-
手轮直径(mm) Handwheel diameter	W	100	100	125	160	160	180	200	220	-
中心高度(开)(mm)Height	H	191	171	192	219	243	296	316	370	-
流通孔径(mm) Flow port dimension	d	8	10.5	13.5	18	24	29	36.5	45	-
重量(kg)Weight		2.4	2.4	4	4.8	7.1	11	16	22.8	-



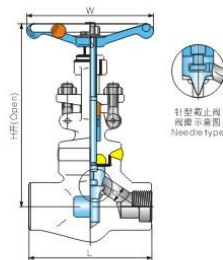
针型截止阀
Needle type



针型截止阀
Needle type



针型截止阀
Needle type



针型截止阀
Needle type

螺栓连接阀盖，缩径和全径，明杆支架(OS&Y)
Bolted bonnet, full port reducing port outside screw and yoke(OS&Y)
末端连接可螺纹或承插焊，设计按BS5352
Threaded, butt-welded or socket welded ends; desing to BS5352

CL800

规格(NPS) Specification	R.P	-	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3
	F.P	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2
结构长度(mm)Face to face	L	79	79	92	111	120	152	172	220	
手轮直径(mm) Handwheel diameter	W	100	100	100	125	160	160	180	200	
中心高度(开)(mm)Height	H	164	164	164	203	224	260	300	355	
流通孔径(mm) Flow port dimension	d	7	9	13	17.5	23	30	35	46	
重量(kg)Weight		1.9	2.28	2.37	4.3	5.75	7.8	12.5	17.5	

螺栓连接阀盖，缩径和全径，明杆支架(OS&Y)
Bolted bonnet, full port reducing port outside screw and yoke(OS&Y)
末端连接可螺纹或承插焊，设计按BS5352
Threaded, butt-welded or socket welded ends; desing to BS5352

CL800

规格(NPS) Specification	R.P	-	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3
	F.P	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2
结构长度(mm)Face to face	L	79	79	92	111	120	152	172	220	
手轮直径(mm) Handwheel diameter	W	100	100	100	125	160	160	180	200	
中心高度(开)(mm)Height	H	164	164	164	203	224	260	300	355	
流通孔径(mm) Flow port dimension	d	7	9	13	17.5	23	30	35	46	
重量(kg)Weight		1.7	1.7	1.9	3.3	5.2	6.8	10.6	13.8	

螺栓连接阀盖，缩径和全径，明杆支架(OS&Y)
Bolted bonnet, full port reducing port outside screw and yoke(OS&Y)
末端连接可螺纹或承插焊，设计按BS5352
Threaded, butt-welded or socket welded ends; desing to BS5352

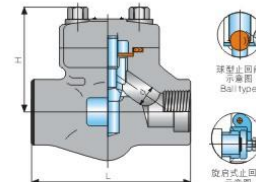
CL900-1500

规格(NPS) Specification	R.P	-	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3
	F.P	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2
结构长度(mm)Face to face	L	92	92	111	120	152	172	200	220	-
手轮直径(mm) Handwheel diameter	W	100	100	125	160	160	180	200	240	-
中心高度(开)(mm)Height	H	171	271	207	240	258	330	355	370	-
流通孔径(mm) Flow port dimension	d	7	12	15	20	28	32	40	45	-
重量(kg)Weight		2.3	3.6	3.7	6.8	7.6	11.6	15	21.9	-

螺栓连接阀盖，缩径和全径，明杆支架(OS&Y)
Bolted bonnet, full port reducing port outside screw and yoke(OS&Y)
末端连接可螺纹或承插焊，设计按BS5352
Threaded, butt-welded or socket welded ends; desing to BS5352

CL900-1500

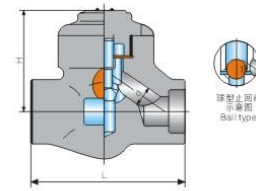
规格(NPS) Specification	R.P	-	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3
	F.P	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2
结构长度(mm)Face to face	L	92	92	111	120	152	172	200	220	-
手轮直径(mm) Handwheel diameter	W	100	100	125	160	160	180	200	240	-
中心高度(开)(mm)Height	H	171	171	207	240	258	330	355	370	-
流通孔径(mm) Flow port dimension	d	7	12	15	20	28	32	40	45	-
重量(kg)Weight		2.2	3.3	3.4	5.6	6.0	10.3	14.2	18.0	-



球型止回阀
Ball type

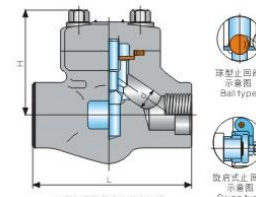
旋启式止回阀
Swing type

如要加载弹簧在定单中注明
Please mark in your offer if
you need load spring



球型止回阀
Ball type

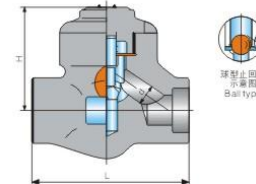
如要加载弹簧在定单中注明
Please mark in your offer if
you need load spring



球型止回阀
Ball type

旋启式止回阀
Swing type

如要加载弹簧在定单中注明
Please mark in your offer if
you need load spring



球型止回阀
Ball type

如要加载弹簧在定单中注明
Please mark in your offer if
you need load spring

螺栓阀盖，缩径和全径。
末端连接为螺纹或承插焊或对焊，设计按BS5352
Bolted bonnet, full port and reducing port
Threaded, butt-welded or socket welded ends; desing to BS5352

CL800

规格(NPS) Specification	R.P	-	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3
	F.P	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2
结构长度(mm)Face to face	L	79	79	92	111	120	152	172	220	
中心高度(开)(mm)Height	H	61	61	61	78	84	84	118	132	
流通孔径(mm) Flow port dimension	d	7	9	13	17.5	23	30	35	46	
重量(kg)Weight	升降式 Lift	1.2	1.5	1.7	3.3	4.2	4.2	10.5	12.5	
	旋启式 Swing	1.4	1.5	1.7	3.3	4.2	4.2	8.5	10.9	

焊接阀盖，缩径和全径。
末端连接为螺纹或承插焊或对焊，设计按BS5352
Welded bonnet, full port and reducing port
Threaded, butt-welded or socket welded ends; desing to BS5352

CL800

规格(NPS) Specification	R.P	-	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3
	F.P	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2
结构长度(mm)Face to face	L	79	79	92	111	120	152	172	220	
中心高度(开)(mm)Height	H	61	61	61	78	84	103	118	132	
流通孔径(mm) Flow port dimension	d	7	9	13	17.5	23	30	35	46	
重量(kg)Weight		1.2	1.3	1.5	3.0	3.9	6.0	10	12	

螺栓阀盖，缩径和全径。
末端连接为螺纹或承插焊，设计按BS5352
Bolted bonnet, full port and yoke(OS&Y)
Threaded, butt-welded or socket welded ends; desing to BS5352

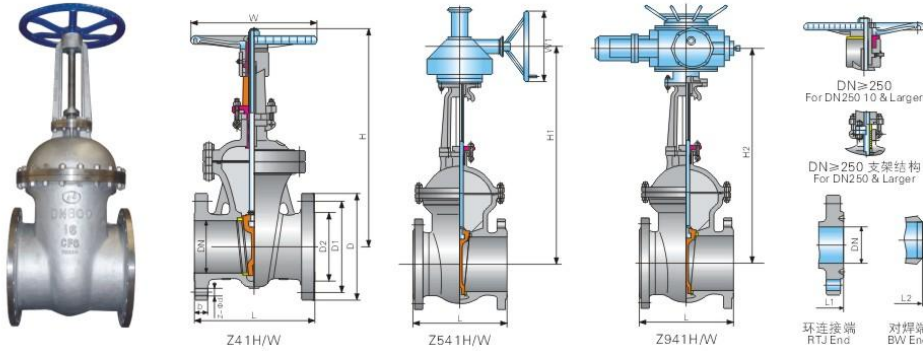
CL900-1500

规格(NPS) Specification	R.P	-	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3
	F.P	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2
结构长度(mm)Face to face	L	92	92	111	120	152	172	220		
中心高度(开)(mm)Height	H	61	78	78	84	103	118	132		
流通孔径(mm) Flow port dimension	d	7	12	15	20	28	32	40		
重量(kg)Weight	升降式 Lift	1.5	3.4	3.3	4.2	6.3	10.5	12.5		
	旋启式 Swing	1.5	3.3	3.4	4.2	5.0	8.5	10.9		

焊接阀盖，缩径和全径。
末端连接为螺纹或承插焊，设计按BS5352
Welded bonnet, full port and reducing port
Threaded, butt-welded or socket welded ends; desing to BS5352

CL900-1500

规格(NPS) Specification	R.P	-	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3
	F.P	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2
结构长度(mm)Face to face	L	92	92	111	120	152	172	220		
中心高度(开)(mm)Height	H	61	78	78	84	103	118	132		
流通孔径(mm) Flow port dimension	d	7	12	15	20	28	32	40		
重量(kg)Weight		1.3	3.1	3.1	3.9	5.8	10.0	11.5		



主要外形和连接尺寸 Main External and Connection Dimension

单位Unit:mm

产品型号 Type	公称通径 DN	PN1.6MPa									WT (kg)
		L	D	D1	D2	b	Z-Φd	H关	H开	W	
Z41H-16C Z40H-16C	40	200	145	110	85	16	4-Φ18	300	352	200	26.5
	50	250	160	125	100	16	4-Φ18	658	358	240	29
	65	265	180	145	120	18	4-Φ18	375	450	240	33
	80	280	195	160	135	20	8-Φ18	433	528	280	45
	100	300	215	180	155	20	8-Φ18	502	620	320	63
	125	325	245	210	185	22	8-Φ18	612	753	360	108
	150	350	280	240	210	24	8-Φ23	676	847	360	134
	200	400	335	295	265	26	12-Φ23	820	1039	400	192
	250	450	405	355	320	30	12-Φ25	969	1245	450	273
	300	500	460	410	375	30	12-Φ25	1142	1472	560	379
Z41W-16P Z40W-16P	650	550	520	470	435	34	16-Φ25	1280	1450	640	590
	400	600	580	525	485	36	16-Φ30	1452	1887	640	850
	450	650	640	585	545	40	20-Φ30	1541	2011	720	907
	500	700	705	650	608	44	20-Φ34	1676	2181	720	958
	600	800	840	770	718	48	20-Φ41	1874	2346	800	1112
	800	1000	1020	950	598	52	24-Φ41	2400	2890	950	1485
	900	1100	1120	1050	998	54	28-Φ41	2950	3316	1000	1773
	1000	1200	1255	1170	1110	56	28-Φ42	3245	3600	1000	2160



主要外形和连接尺寸 Main External and Connection Dimension

单位Unit:mm

产品型号 Type	公称通径 DN	PN2.5MPa										WT (kg)
		L	D	D1	D2	b	Z-Φd	H关	H开	W		
Z41H-25 Z40H-25	40	200	145	110	85	18	4-Φ18	300	352	200	18	
	50	250	160	125	100	20	4-Φ18	358	438	240	28	
	65	265	180	145	120	22	8-Φ18	375	450	240	33	
	80	280	195	160	135	22	8-Φ18	433	528	280	46	
Z41W-25P Z40W-25P	100	300	230	190	160	24	8-Φ23	502	620	320	64	
	125	325	270	220	188	28	8-Φ25	612	753	360	116	
Z41Y-25P Z40Y-25P	150	350	300	250	218	30	8-Φ25	676	847	260	141	
	200	400	360	310	278	34	12-Φ25	820	1039	400	213	
Z41W-25R Z40W-25R	250	450	425	370	332	36	12-Φ30	969	1245	450	290	
	300	500	485	430	390	40	16-Φ30	1142	1472	560	400	
Z41Y-25I Z40Y-25I	650	550	550	490	448	44	16-Φ34	1280	1450	640	631	
	400	600	610	550	505	48	16-Φ34	1452	1887	640	900	
KZ41Y-25 KZ40Y-25	450	650	660	600	555	50	20-Φ34	1541	2011	720	1013	
	500	700	730	660	610	52	20-Φ41	1676	2181	720	1166	
Z540H-25 Z540Y-25P	600	800	840	770	718	56	20-Φ41	1874	2346	800	1258	
	700	900	955	875	815	60	24-Φ48	2083	2517	800	1383	
	800	1000	1070	990	930	64	24-Φ48	2400	2890	950	1596	
	900	1100	1180	1090	1025	66	28-Φ54	2950	3316	1000	1865	
	1000	1200	1305	1210	1140	68	28-Φ58	3245	3600	1000	2351	

主要外形和连接尺寸 Main External and Connection Dimension

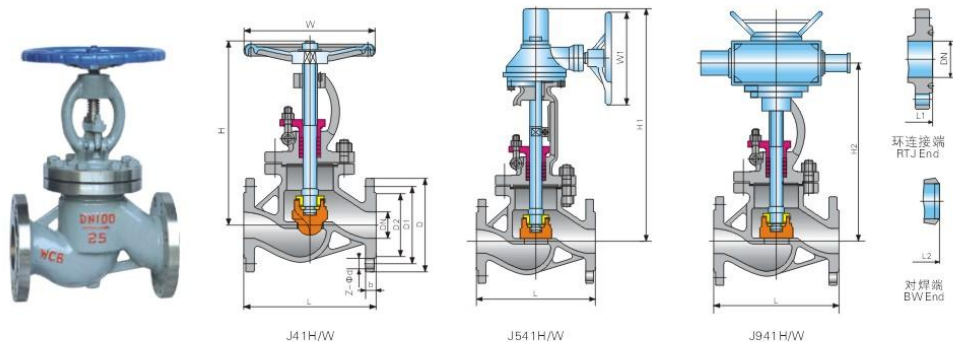
单位Unit:mm

产品型号 Type	公称通径 DN	PN4.0MPa										WT (kg)
		L	D	D1	D2	D3	b	Z-Φd	H关	H开	W	
Z41H-40 Z40H-40	40	200	145	110	85	76	18	4-Φ18	323	369	200	29
	50	250	160	125	100	88	20	4-Φ18	372	440	280	36
	65	280	180	145	120	110	22	8-Φ18	405	473	280	39
	80	310	195	160	135	121	22	8-Φ18	457	552	320	52
	100	350	230	190	160	150	24	8-Φ23	552	671	360	80
	125	400	270	220	188	176	28	8-Φ25	634	726	400	127
	150	450	300	250	218	204	30	8-Φ25	708	883	400	154
	200	550	375	320	282	260	38	12-Φ30	858	1086	450	263
	250	650	445	385	345	313	42	16-Φ34	1015	1298	460	368
	300	750	510	450	408	364	46	16-Φ34	1203	1535	640	547
KZ41Y-40 Z40Y-40	350	850	570	510	465	422	52	16-Φ34	1341	1678	640	679
	400	950	665	585	535	474	58	20-Φ41	1492	1903	720	953
	450	1050	680	610	560	524	60	20-Φ41	1583	2215	800	1253
	500	1150	755	670	612	576	62	20-Φ48	1792	2580	950	1589
	600	1350	890	795	730	678	62	20-Φ54	2035	2916	950	1903

主要外形和连接尺寸 Main External and Connection Dimension

单位Unit:mm

产品型号 Type	公称通径 DN	PN6.4MPa										WT (kg)
		L	D	D1	D2	D3	b	Z-Φd	H关	H开	W	
Z41H-64 Z40H-64	40	240	165	125	95	76	25	4-Φ23	360	389	389	29
	50	250	175	135	105	88	26	4-Φ23	372	448	448	34
	65	280	200	160	130	110	28	8-Φ23	395	475	280	43
	80	310	210	170	140	121	30	8-Φ23	458	553	320	60
	100	350	250	200	168	150	32	8-Φ25	553	649	360	89
	125	400	295	240	202	176	36	8-Φ30	638	779	400	140
	150	450	340	280	240	204	38	8-Φ34	718	893	450	207
	200	550	405	345	300	260	44	12-Φ34	873	1100	560	325
	250	650	470	400	352	313	48	12-Φ41	1053	1332	840	467
	300	750	530	460	412	364	54	16-Φ41	1203	1535	640	590
KZ41Y-64 Z40Y-64	350	850	595	525	475	422	60	16-Φ41	1394	1863	720	681
	400	950	670	585	525	474	66	16-Φ48	1645	2070	800	972
	450	1050	670	630	570	524	70	20-Φ48	1903	2381	800	1269
	500	1150	800	705	640	576	70	20-Φ54	2285	2600	950	1606
	600	1350	930	820	750	678	76	20-Φ58	2601	3010	950	2123



主要外形和连接尺寸 Main External and Connection Dimension

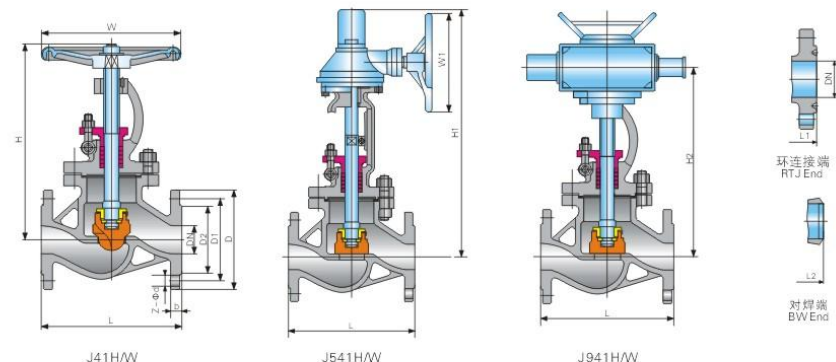
单位Unit:mm

产品型号 Type	公称通径 DN	PN1.6MPa						WT (kg)	
		L	D	D1	D2	b	Z-Φd	H	W
J41H-16 J41Y-16 J41B-16 J41W-16P J41Y-16P J41Y-16R J41Y-16I	15	130	95	65	45	14	4-Φ14	218	120
	20	150	105	75	55	14	4-Φ14	258	140
	25	160	115	85	65	14	4-Φ14	275	160
	32	180	135	100	78	16	4-Φ18	280	180
	40	200	145	110	85	16	4-Φ18	330	200
	50	230	160	125	100	16	4-Φ18	350	240
J941H-16 J941Y-16 J941B-16 J941W-16P J941Y-16P J941Y-16R J941Y-16I	65	290	180	145	120	18	4-Φ18	400	280
	80	310	195	160	135	20	8-Φ18	355	280
	100	350	215	180	155	20	8-Φ18	415	320
	125	400	245	210	185	22	8-Φ18	460	360
	150	480	280	240	210	24	8-Φ23	510	400
	200	600	335	295	265	26	12-Φ23	710	400
	250	730	405	355	320	30	12-Φ25	766	450
	300	850	460	410	375	30	12-Φ25	925	500

主要外形和连接尺寸 Main External and Connection Dimension

单位Unit:mm

产品型号 Type	公称通径 DN	PN2.5MPa						WT (kg)	
		L	D	D1	D2	b	Z-Φd	H	W
J41H-25 J41Y-25 J41B-25 J41W-25P J41Y-25P J41Y-25R J41Y-25I	15	130	95	65	45	16	4-Φ14	218	120
	20	150	105	75	55	16	4-Φ14	258	140
	25	160	115	85	65	16	4-Φ14	275	160
	32	180	135	100	78	18	4-Φ18	280	180
	40	200	145	110	85	18	4-Φ18	330	200
	50	230	160	125	100	20	4-Φ18	350	240
J941H-25 J941Y-25 J941B-25 J941W-25P J941Y-25P J941Y-25R J941Y-25I	65	290	180	145	120	22	8-Φ18	400	280
	80	310	195	160	135	22	8-Φ18	355	280
	100	350	230	190	160	24	8-Φ23	415	320
	125	400	270	220	188	28	8-Φ25	460	360
	150	480	300	250	218	30	8-Φ25	510	400
	200	600	360	310	278	34	12-Φ25	710	400
	250	730	425	370	332	36	12-Φ30	786	450
	300	850	485	430	390	40	16-Φ30	925	500



主要外形和连接尺寸 Main External and Connection Dimension

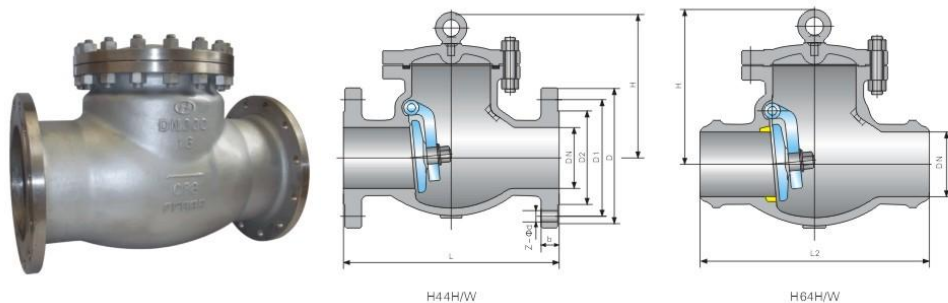
单位Unit:mm

产品型号 Type	公称通径 DN	PN4.0MPa						WT (kg)	
		L	D	D1	D2	D6	b	Z-Φd	H
J41H-40 J41Y-40 J41B-40 J41W-40P J41Y-40P J41Y-40R J41Y-40I	15	130	95	65	45	40	16	4-Φ14	233
	20	150	105	75	55	51	16	4-Φ14	275
	25	160	115	85	65	58	16	4-Φ14	285
	32	180	135	100	78	66	18	4-Φ18	302
	40	200	145	110	85	76	18	4-Φ18	355
	50	230	160	125	100	88	20	4-Φ18	373
J941H-40 J941Y-40 J941B-40 J941W-40P J941Y-40P J941Y-40R J941Y-40I	65	290	180	145	120	110	22	8-Φ18	408
	80	310	195	160	135	121	22	8-Φ18	436
	100	350	230	190	160	150	24	8-Φ23	480
	125	400	270	220	188	176	28	8-Φ25	558
	150	480	300	250	218	204	30	8-Φ25	611
	200	600	375	320	282	260	38	12-Φ30	720

主要外形和连接尺寸 Main External and Connection Dimension

单位Unit:mm

产品型号 Type	公称通径 DN	PN6.4MPa						WT (kg)	
		L	D	D1	D2	D6	b	Z-Φd	H
J41H-64 J41Y-64 J41Y-64P J41Y-64R J41Y-64I	15	170	105	75	55	40	18	4-Φ14	195
	20	190	125	90	68	51	20	4-Φ18	228
	25	210	135	100	78	58	22	4-Φ18	275
	32	230	150	110	82	66	24	4-Φ23	325
	40	260	165	125	95	76	24	4-Φ23	360
	50	300	175	135	105	88	26	4-Φ23	410
J941H-64 J941Y-64 J941B-64 J941W-64P J941Y-64P J941Y-64R J941Y-64I	65	340	200	160	130	110	28	8-Φ23	450
	80	380	210	170	140	121	30	8-Φ23	485
	100	430	250	200	168	150	32	8-Φ25	537
	125	500	295	240	202	176	36	8-Φ30	631
	150	550	340	280	240	204	38	8-Φ34	646
	200	650	405	345	300	260	44	12-Φ34	813



主要外形和连接尺寸 Main External and Connection Dimension

单位Unit:mm

产品型号 Type	公称通径 DN	PN1.6/2.5MPa							WT (kg)
		L	D	D1	D2	b	Z-Φd	H	
H44H-16C H44Y-16C H44Y-16P H44Y-16R H44Y-16I	50	230	160	125	100	16	4-Φ18	135	21
	65	290	180	145	120	18	4-Φ18	142	28
	80	310	195	160	135	20	8-Φ18	165	38
	100	350	215	180	155	20	8-Φ18	180	58
	125	400	245	210	185	22	8-Φ18	210	92
	150	480	280	240	210	24	8-Φ23	233	130
	200	550	335	295	265	26	12-Φ23	304	210
	250	650	405	355	320	30	16-Φ25	348	294
	300	750	460	410	375	30	16-Φ25	390	367
	350	850	520	470	435	34	16-Φ25	430	410
H44H-25 H44Y-25 H44Y-25P H44Y-25R H44Y-25I	400	950	580	525	485	36	16-Φ30	468	461
	450	1050	640	585	545	40	20-Φ30	523	570
	500	1150	705	650	608	44	20-Φ34	525	850
	50	230	160	125	100	20	4-Φ18	160	22
	65	290	180	145	120	22	8-Φ18	175	29
	80	310	195	160	135	22	8-Φ18	185	38
	100	350	230	190	160	24	8-Φ23	220	61
	125	400	270	220	188	28	8-Φ25	248	96
	150	480	300	250	218	30	8-Φ25	270	132
	200	550	360	310	278	34	12-Φ25	350	213
	250	650	425	370	332	36	12-Φ30	410	297
	300	750	485	430	390	40	16-Φ30	430	372
	350	850	550	490	448	44	16-Φ34	518	415
	400	950	610	550	505	48	16-Φ34	560	480
	450	1050	660	600	555	50	20-Φ34	582	610
	500	1150	730	660	610	52	20-Φ41	618	920



主要外形和连接尺寸 Main External and Connection Dimension

单位Unit:mm

产品型号 Type	公称通径 DN	PN4.0MPa								WT (kg)
		L	D	D1	D2	D6	b	Z-Φd	H	
H44H-40 H44Y-40 H44Y-40P H44Y-40R H44Y-40I	50	230	160	125	100	88	20	4-Φ18	169	22
	65	290	180	145	120	110	22	8-Φ18	173	29
	80	310	195	160	135	121	22	8-Φ18	185	38
	100	350	230	190	160	150	24	8-Φ23	220	61
	125	400	270	220	188	176	28	8-Φ25	248	96
	150	480	300	250	218	204	30	8-Φ25	270	132
	200	550	375	320	282	260	38	12-Φ30	342	213
	250	650	445	385	345	313	42	12-Φ34	401	297
	300	750	510	450	408	364	46	16-Φ34	423	372
	350	850	570	510	465	422	52	16-Φ34	455	415
400	950	655	585	535	474	58	16-Φ41	510	450	

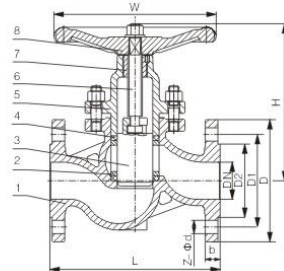
主要外形和连接尺寸 Main External and Connection Dimension

单位Unit:mm

产品型号 Type	公称通径 DN	PN6.4MPa								WT (kg)
		L	D	D1	D2	D6	b	Z-Φd	H	
H44H-64 H44Y-64 H44Y-64P H44Y-64R H44Y-64I	50	300	175	135	105	88	26	4-Φ23	177	27
	65	340	200	160	130	110	28	8-Φ23	197	37
	80	380	210	170	140	121	30	8-Φ23	212	57
	100	430	250	200	168	150	32	8-Φ25	248	89
	125	500	295	240	202	176	36	8-Φ30	296	135
	150	550	340	280	240	204	38	8-Φ34	330	184
	200	650	405	345	300	260	44	12-Φ34	385	266
	250	775	470	400	352	313	48	12-Φ41	445	398
	300	900	530	460	412	364	54	16-Φ41	474	643
	350	1025	595	525	475	422	60	16-Φ41	514	815
	400	1150	670	585	525	474	66	16-Φ18	616	1234



U41SM柱塞阀 Plunger valve



- | | |
|---|------------------|
| 1. 阀体 Body | 5. 阀盖 Cover |
| 2. 孔架 Hole rack | 6. 阀杆 Stem |
| 3. 柱塞 Plunger | 7. 阀杆螺母 Stem nut |
| 4. 柔性石墨密封环 Flexible graphite sealing ring | 8. 手轮 Handwheel |

结构及特点 Structure and Features

柱塞阀是由阀体、阀盖、阀杆、柱塞、孔架、密封环、手轮等零件组成（如图）。当手轮旋转时，通过阀杆带动柱塞在孔架中间上下往复运动来完成阀门的开启与关闭功能。

在阀门中柱塞与密封环间采用过盈配合，通过调节压盖中法兰螺栓，使密封环压缩所产生的侧向力与阀体中孔面及柱塞外圆密封，从而保证了阀门的密封性，杜绝了内泄漏，同时阀门开启短小、能实现阀门的迅速开启和关闭。

由于密封环采用回弹性强、耐磨性高的无毒新型密封材料，具有经受长期高温、高压而不丧失弹性，所以密封性能可靠，经久耐用。

Plunger valve by valve body, valve cover, stem, plunger, hole, ring, hand wheel and other parts (see chart). When the hand wheel rotation, through the valve rod drives the plunger in the middle of the hole rack up and Wwn reciprocating movement to complete the valves open and close function.

In valve USES the interference fit between plunger and seal ring, by adjusting the gland flange bolts, make the seal ring compression side force produced by Great Wall round hole surface and column in the seal to the valve body, so as to ensure the valve's sealing, put an end to the internal leakage, at the same time open valve torque is small, can realize rapid opening and closing of the valve.

Due to seal ring with strong resilience, high wear resistance of nontoxic new sealing material, have suffered long-term high temperature, high pressure without losing elasticity, so the sealing performance, reliable and durable.

采用标准 AWpt Standard

设计制造标准 Design and manufacturing standards	GB/T12224、GB/T12235
结构长度标准 Structure length standard	GB/T12221
法兰尺寸标准 Flange size standard	JB/T79、GB/T9113、HG/T20592
对焊尺寸标准 Butt size standard	GB/T12224
检验与试验标准 Inspection and testing standards	GB/T26480、GB/T13927、JB/T9092

阀体材料 Valve Body Material

铸钢	铸铁	不锈钢	含钼不锈钢
WCB	HT200	CF8(304)	CF8M(316)

密封圈材料 Seal Material

上密封圈材料	下密封圈材料
四氟乙烯加柔性石墨(PTFE)	四氟乙烯加柔性石墨(PTFE)



主要外形和连接尺寸 Main External and Connection Dimension

单位Unit:mm

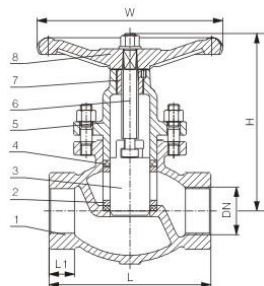
	1.6MPa			U41SM-16Z			U41SM-16C			U41SM-16 $\frac{R}{H}$					
公称通径 DN(mm)	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350
L	130	150	160	180	200	230	290	310	350	400	480	600	650	698	787
D	95	105	115	135	145	160	180	195	215	245	280	335	405	460	520
D1	65	75	85	100	110	125	145	160	180	210	240	295	355	410	470
D2	45	55	65	78	85	100	120	135	155	185	210	265	320	375	435
b	14	14	14	16	16	16	18	20	20	22	24	26	30	30	34
Z-Φd	4-Φ14	4-Φ14	4-Φ14	4-Φ18	4-Φ18	4-Φ18	8-Φ18	8-Φ18	8-Φ18	8-Φ18	8-Φ23	12-Φ23	12-Φ25	12-Φ25	16-Φ25
H	133	140	165	180	200	226	267	300	340	388	410	498	580	985	1130
重量WT(kg)	3.6	4.5	6	8.8	12	16	22	30	42	62	88	155	240	330	540

	2.5MPa			U41SM-25Z			U41SM-25C			U41SM-25 $\frac{R}{H}$					
公称通径DN(mm)	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350
L	130	150	160	180	200	230	290	310	350	400	480	600	650	698	787
D	95	105	115	135	145	160	180	195	230	270	300	360	425	485	550
D1	65	75	85	100	110	125	145	160	190	220	250	310	370	430	490
D2	45	55	65	78	85	100	120	135	160	188	218	278	332	390	448
b	16	16	16	18	18	20	22	22	24	28	30	34	36	40	44
Z-Φd	4-Φ14	4-Φ14	4-Φ14	4-Φ18	4-Φ18	4-Φ18	8-Φ18	8-Φ18	8-Φ23	8-Φ25	8-Φ25	12-Φ25	12-Φ30	16-Φ30	16-Φ34
H	133	140	165	180	200	230	230	300	340	388	410	498	580	1000	1130
重量WT(kg)	3.6	4.5	6	8.8	12	16	22	32	42	70	95	180	260	350	570

	40MPa			U41SM-40Z			U41SM-40C			U41SM-40 $\frac{R}{H}$					
公称通径 DN(mm)	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350
L	130	150	160	180	200	230	290	310	350	400	480	600	650	698	787
D	95	105	115	135	145	160	180	195	230	270	300	375	445	510	570
D1	65	75	85	100	110	125	145	160	190	220	250	320	385	450	515
D2	45	55	65	78	85	100	120	135	160	188	218	282	345	408	465
D6	40	51	58	66	76	88	110	121	150	176	204	260	313	364	422
b	16	16	16	18	18	20	22	22	24	28	30	32	42	46	52
Z-Φd	4-Φ14	4-Φ14	4-Φ14	4-Φ18	4-Φ18	4-Φ18	8-Φ18	8-Φ18	8-Φ23	8-Φ25	8-Φ25	12-Φ30	12-Φ34	16-Φ34	16-Φ34
H	133	140	165	180	200	230	267	300	340	388	410	498	580	1000	1130
重量WT(kg)	3.6	4.5	6	8.8	12	16	22	32	42	70	95	180	260	480	690



UJ11H, UJSM
内螺纹柱塞阀 Internal thread plunger valve



- 1、阀体 Body
- 2、孔架 Hole rack
- 3、柱塞 Plunger
- 4、柔性石墨密封环 Flexible graphite sealing ring
- 5、阀盖 Cover
- 6、阀杆 Stem
- 7、阀杆螺母 Stem nut
- 8、手轮 Handwheel

性能规范 Performance Specification

阀体材料 Valve body material	适用温度 Suitable temperature	适用介质 Applicable medium	压力范围 Pressure range
铸钢 Cast steel	≤250℃	水、蒸汽、油品 Water, steam, oil	PN1.6~6.4MPa
铸铁 Cast iron	≤180℃	水、蒸汽、油品 Water, steam, oil	PN1.6
不锈钢 Stainless steel	≤200℃	硝酸、醋酸 Nitric acid, acetic acid	公称通径 Nominal diameter
含钼不锈钢 Molybdenum stainless steel	≤200℃	氮、氢、尿素等 Nitrogen, hydrogen, urea, etc	DN15~300mm

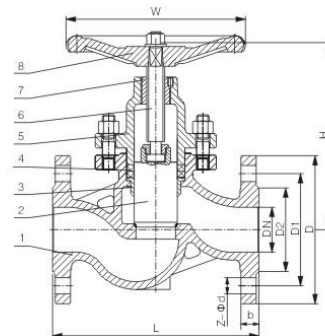
实验压力 Experimental Pressure

实验项目 Experimental project	实验介质 Experimental medium	实验压力 Experimental pressure
压强实验 Pressure test	水 Water	1.5PN
高压密封实验 High pressure seal test	水 Water	1.1PN
低压气密封实验 Low pressure gas seal experiment	气 Gas	0.5~0.7MPa

主要外形和连接尺寸 Main External and Connection Dimension

单位 Unit:mm

公称通径 Nominal diameter DN(mm)	U11SM, UJ11H-1.6 25、40C.P.R						
	阀体长度 body length L	接头长度 linker length L1	手轮直径 handwheel diameter W	管螺纹G Pipe thread inch	关闭高度 shut height H≈	开启高度 open height H1≈	重量 weight (kg)
15	90	14	80	1/2"	133	157	2.1
20	100	16	100	3/4"	141	169	2.8
25	120	18	120	1"	165	199	3.8
32	140	20	140	1 1/4"	179	225	5.8
40	170	22	160	1 1/2"	198	246	8.3
50	200	24	200	2"	226	282	13.2



- 1、阀体 Body
- 2、柱塞 Plunger
- 3、导向环 Guide ring
- 4、柔性石墨密封环 Flexible graphite sealing ring
- 5、阀盖 Cover
- 6、阀杆 Stem
- 7、阀杆螺母 Stem nut
- 8、手轮 Hand wheel

结构及特点 Structure and Features

柱塞截止阀是由阀体、阀盖、阀杆、柱塞、导向、密封环、手轮等零件组成（如图）。当手轮旋转时，通过阀杆带动柱塞在导向套中上、下往复运动，使柱塞端部斜锥面与阀座锥面完成阀门的开启与关闭功能。

在阀门中柱塞与密封环间采用过盈配合，通过调节中法兰螺栓预紧力，使密封环压缩所产生的侧向力与阀体中孔面柱塞外圆密封，从而保证了阀门的密封性，杜绝了内泄漏。

由于密封环采用回弹性强、耐磨性高的无毒新型密封材料，所以密封可靠、经久耐用，从而提高了阀门的使用寿命。本阀门结合柱塞阀的无泄漏优点和截止阀启闭快的特点，成为一种结构新颖、用途广泛的新产品。其优越性远胜于普通截止阀。

The plunger valve is composed of valve body, valve cover, valve stem, plunger, guide, sealing ring, hand wheel and other parts (such as figure). When the hand wheel rotation, through the stem to drive the plunger in the guide set up and WwnThe end of the plunger movement, sealing the oblique cone seat cone to complete the valve opening and closing function.

In the valve plunger and the seal ring between the interference fit, by adjusting the flange bolt preload, sealing ring compression and lateral forces produced by the body in the hole Mianzhu frontier round seal, thereby ensuring the valveWor seal, put an end to the internal leakage.

Because of the sealing ring with high resilience, high wear resistance, non-toxic new sealing material, so the seal is reliable, durable, so as to improve the service life of the valve. No leakage of the valve with the piston valveThe advantages and characteristics of the closing valve opening and closing, become a novel structure, the use of a wide range of new products. Its superiority is far better than the common stop valve.

采用标准 AWpt Standard

设计制造标准 Design and manufacturing standards	GB/T 12224、GB/T 12235
结构长度标准 Structure length standard	GB/T 12221
法兰尺寸标准 Flange size standard	GB/T 9113、JB/T 79、HG/T 20592
对焊端尺寸标准 Butt size standard	GB/T 12224
检验与试验标准 Inspection and testing standards	GB/T 26480、GB/T 13927、JB/T 9092

性能规范 Performance Specification

阀体材料 Valve body material	适用温度 Suitable temperature	适用介质 Applicable medium	压力范围 Pressure range
铸钢 Cast steel	≤425℃	水、蒸汽、油品 Water, steam, oil	PN1.6~6.4MPa
不锈钢 Stainless steel	≤300℃	硝酸、醋酸 Nitric acid, acetic acid	公称通径 Nominal diameter
含钼不锈钢 Molybdenum stainless steel	≤300℃	氮、氢、氨、尿素等 Nitrogen, hydrogen, ammonia, urea, etc	DN15~500mm
蒙乃尔 Monel	≤300℃	氢氟酸 Hydrofluoric acid	



主要外形和连接尺寸 Main External and Connection Dimension

单位Unit:mm

	1.6MPa						UJ41H-16C				UJ41W-16C $\frac{P}{R}$									
公称通径DN(mm)	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400	450	500		
L	130	150	160	180	200	230	290	310	350	400	480	600	650	698	787	914	978	978		
D	95	105	115	135	145	160	180	195	215	245	280	335	405	460	520	580	640	705		
D1	65	75	85	100	110	125	145	160	180	210	240	295	355	410	470	525	585	650		
D2	45	55	65	78	85	100	120	135	155	185	210	265	320	375	435	485	545	608		
b	14	14	14	16	16	16	18	20	20	22	24	26	30	30	34	36	40	44		
Z-Φd	4-Φ14	4-Φ14	4-Φ14	4-Φ18	4-Φ18	4-Φ18	4-Φ18	8-Φ18	8-Φ18	8-Φ18	8-Φ23	12-Φ23	12-Φ25	12-Φ25	16-Φ25	16-Φ30	20-Φ34	20-Φ34		
H	133	170	178	195	230	250	272	300	312	365	400	460	940	985	1100	1395	1480	1600		
重量WT(kg)	3.6	4.5	6	8	11	15	21	32	44	62	85	148	260	340	552	752	1200	1400		

	2.5MPa						UJ41H-25C				UJ41W-25C $\frac{P}{R}$									
公称通径 DN(mm)	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400	450	500		
L	130	150	160	180	200	230	290	310	350	400	480	600	650	698	787	914	978	978		
D	95	105	115	135	145	160	180	195	230	270	300	360	425	485	550	610	660	730		
D1	65	75	85	100	110	125	145	160	190	220	250	310	370	430	490	550	600	600		
D2	45	55	65	78	85	100	120	135	160	188	218	278	332	390	448	405	555	610		
b	16	16	14	18	18	20	22	22	24	24	30	34	36	40	44	48	50	52		
Z-Φd	4-Φ14	4-Φ14	4-Φ14	4-Φ18	4-Φ18	4-Φ18	8-Φ18	8-Φ18	8-Φ18	8-Φ18	8-Φ23	8-Φ25	12-Φ30	16-Φ30	16-Φ34	16-Φ34	20-Φ34	20-Φ41		
H	133	170	178	195	230	250	272	300	312	365	410	470	940	1000	1140	1400	1500	1620		
重量 WT(kg)	3.5	4.5	6	8	11	16	22	32	48	65	90	165	280	360	580	800	1280	1450		

	4.0MPa						UJ41H-40C				UJ41W-40C $\frac{P}{R}$									
公称通径DN(mm)	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400	450	500		
L	130	150	160	180	200	230	290	310	350	400	480	600	650	698	787	914	978	978		
D	95	105	115	135	145	160	180	195	230	270	300	375	445	510	570	655	680	755		
D1	65	75	85	100	110	125	145	160	190	220	250	320	385	450	510	585	610	670		
D2	45	55	65	78	85	100	125	135	160	188	218	282	345	408	465	535	560	612		
D6	40	51	58	66	76	88	110	121	150	176	204	260	313	364	422	474	524	576		
b	16	16	16	18	18	20	22	22	24	28	30	38	42	46	52	58	60	62		
Z-Φd	4-Φ14	4-Φ14	4-Φ18	4-Φ18	4-Φ18	4-Φ18	8-Φ18	8-Φ18	8-Φ18	8-Φ23	8-Φ25	8-Φ25	12-Φ30	12-Φ34	16-Φ34	16-Φ34	16-Φ41	20-Φ41	20-Φ48	
H	133	170	178	195	230	250	272	300	312	365	410	580	940	1000	1140	1400	1500	1620		
重量WT(kg)	3.5	4.5	6	8	11	16	22	32	48	75	120	185	320	480	700	930	1450	1600		



主要外形和连接尺寸 Main External and Connection Dimension

单位Unit:mm

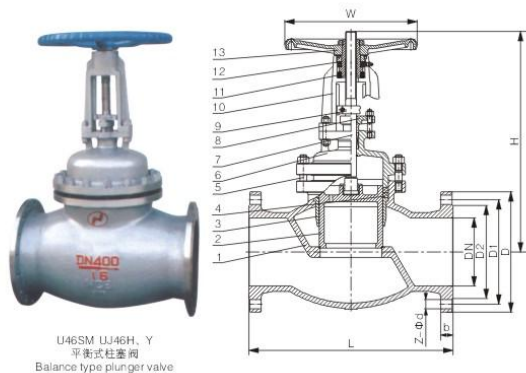
	6.4MPa					UJ41H-64C			UJ41W-64 ^P _R						
公称通径DN(mm)	15	20	25	32	40	50	65	80	100	125	150	200	250	300	
L	170	190	210	230	260	300	340	380	430	500	550	650	775	900	
D	105	130	145	150	165	175	200	210	250	295	340	405	470	530	
D1	75	90	100	110	125	135	160	170	200	240	280	345	400	460	
D2	55	68	78	82	95	105	130	140	168	202	240	300	352	412	
D6	40	51	58	66	76	88	110	121	150	176	204	260	313	364	
b	18	20	22	24	24	26	28	30	32	36	38	44	48	54	
Z-Φd	4-Φ14	4-Φ18	4-Φ14	4-Φ23	4-Φ23	8-Φ23	8-Φ23	8-Φ25	8-Φ30	8-Φ34	8-Φ34	12-Φ34	12-Φ41	16-Φ41	
H	150	165	185	200	235	260	285	320	340	400	450	500	980	1000	
重量WT(kg)	6	8	9	14	22	30	40	70	98	150	260	400	520	680	

	10.0MPa						UJ41H-100C			UJ41W-100 ^P _R							
公称通径DN(mm)	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400	
L	170	190	210	230	260	300	340	380	430	500	550	650	775	900	1025	1150	
D	105	130	145	150	165	195	220	230	265	310	350	430	500	585	655	715	
D1	75	90	100	110	125	145	170	180	210	250	290	360	430	500	560	620	
H	150	165	185	200	230	250	280	300	340	400	460	520	980	1060	1200	1350	
重量WT(kg)	6	8	10	16	26	34	48	96	130	250	380	510	660	810	950	1100	

16.0MPa															UJ41H-160				
公称通径DN(mm)	15	20	25	32	40	50	65	80	100	125	150	200	250	300					
L	165	190	216	229	241	292	330	356	432	508	559	660	787	900					
D	110	130	140	165	175	215	245	260	300	355	390	480	580	665					
D1	75	90	100	115	125	165	190	205	240	285	318	400	485	570					
H	180	200	220	270	280	290	320	350	380	420	460	540	1000	1100					
重量WT(kg)	11	21	29	38	41	58	80	110	135	182	305	520	846	1100					

结构规范 Structure Specification

PN16-4.0 PN6.4-10.0	DN15-250 DN15-100	PN16-4.0 PN6.4-10.0	DN ≥ 250 DN ≥ 200
柱塞截止阀 Plunger globe valve		平衡式柱塞截止阀 Balance type plunger globe valve	



U46SM UJ46H, Y
平衡式柱塞阀
Balance type plunger valve

- 1、阀体 Body
- 2、柱塞 Plunger
- 3、导向环 Guide ring
- 4、柔性石墨密封环 Flexible graphite sealing ring
- 5、螺栓和螺母 Bolts and nuts
- 6、阀盖 Cover
- 7、阀杆 Stem
- 8、压盖 Gland
- 9、防转夹板 Anti-rotating plywood
- 10、支架 Yoke
- 11、轴承 Bearing
- 12、阀杆螺母 Stem nut
- 13、手轮 Handwheel

U46SM-16^C_P UJ46Y-16^C_P 主要外形和连接尺寸 Main External and Connection Dimension 单位Unit:mm

DN	L	D	D1	D2	b	Z-Φd	W
150	480	280	240	210	24	8-23	400
200	600	335	295	265	26	12-23	450
250	650	405	355	320	30	12-25	500
300	750	460	410	375	30	12-25	560
350	850	520	470	435	34	16-25	640
400	914	580	525	485	36	16-30	750
450	978	640	585	545	40	20-30	带伞齿轮转动
500	978	705	650	608	44	20-34	

U46SM-25^C_P UJ46Y-25^C_P 主要外形和连接尺寸 Main External and Connection Dimension 单位Unit:mm

DN	L	D	D1	D2	b	Z-Φd	W
150	480	300	250	218	30	8-25	400
200	600	350	310	278	34	12-25	450
250	650	425	370	332	36	12-30	500
300	750	485	430	390	40	16-30	560
350	850	550	490	448	44	16-34	640
400	914	610	550	505	48	16-34	750
450	978	660	600	555	50	20-34	带伞齿轮转动
500	978	730	660	610	52	20-41	

密封圈材料 Seal material

本体Ontology	堆焊 surfacing
304 316 Monel	D507 Mo STL6 D602

上密封圈材料 Up seal material

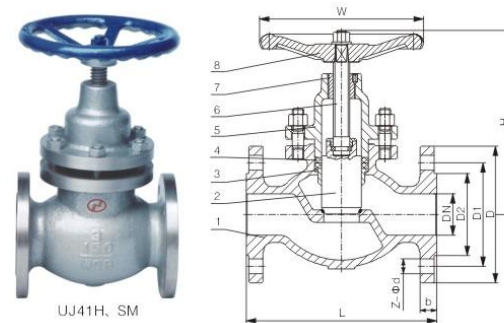
聚四氟乙烯 Teflon
含氟柔性石墨 Fluoride flexible graphite
对位聚苯 Para polystyrene
含碳纤维柔性石墨 Containing carbon fiber flexible graphite

阀体材料 The valve body material

铸钢 Cast steel	不锈钢 Stainless steel	镍钨不锈钢 Monel
WCB	CF8(304) CF8M(316)	Monel-K500

实验压力 The experimental pressure

实验项目 Experimental project	实验介质 Experimental medium	实验压力 Experimental pressure
压强实验 Pressure test	水 Water	1.5PN
高压密封实验 High pressure seal test	水 Water	1.1PN
低压气密封实验 Low pressure gas seal experiment	气 Gas	0.5-0.7MPa



UJ41H, SM

- 1、阀体 Body
- 2、柱塞 Plunger
- 3、导向环 Guide ring
- 4、柔性石墨密封圈 Flexible graphite sealing ring
- 5、阀盖 Cover
- 6、阀杆 Stem
- 7、阀杆螺母 Stem nut
- 8、手轮 Handwheel

主要外形和连接尺寸 Main External and Connection Dimension

单位Unit:mm

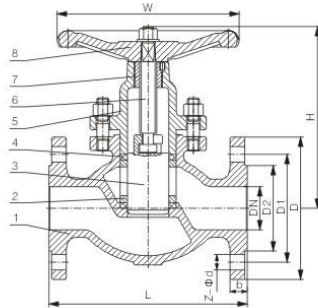
DN(mm)	UJ41H(Y)-150Lb												UJ41SM-150Lb			
尺寸(mm)	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"	14"	16"
L	108	117	127	140	165	203	216	241	292	356	406	495	622	698	787	914
H	170	190	210	250	270	300	340	380	420	450	540	640	740	850	970	1100
W	100	100	120	140	160	180	200	240	270	310	340	400	520	640	760	900
D	89	98	108	117	127	152	178	190	229	254	279	343	406	483	533	597
D1	60.5	70	79.5	89	98.5	120.5	139.5	152.5	190.5	216	241.5	298.5	362	432	476	540
D2	35	43	51	64	73	92	105	127	157	186	216	270	324	381	413	470
b	10	11	12	13	15	16	18	19	24	24	26	29	31	32	35	37
Z-Φd	4-15	4-15	4-15	4-15	4-15	4-19	4-19	4-19	8-19	8-22	8-22	8-22	12-25	12-25	12-29	16-29

DN(mm)	UJ41H(Y)-300Lb												UJ41SM-300Lb			
尺寸(mm)	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"	14"	16"
L	152	178	203	216	229	267	292	318	356	400	444	559	622	711	838	864
H	170	190	210	250	270	300	340	380	420	460	540	640	740	850	980	1100
W	100	100	120	140	160	180	200	240	280	310	340	400	520	640	760	900
D	95	117	124	133	156	165	190	210	254	279	318	381	445	521	584	648
D1	66.5	82.5	89	98.5	114.5	127	149	168.5	200	235	270	330	387.5	451	514.5	571.5
D2	35	43	51	64	73	92	105	127	157	186	216	270	324	381	413	470
b	15	16	18	19	21	23	26	29	32	35	37	42	48	51	54	58
Z-Φd	4-15	4-19	4-19	4-19	4-22	8-19	8-22	8-22	8-22	8-22	12-22	12-25	16-29	16-32	20-32	20-35

注：本阀门全部采用美国国家标准(ANSI)及美国石油学会标准(API)的连接、结构尺寸，内件采用国际(GB)尺寸。
Note: This valve are all made of the national standard (ANSI) and the American petroleum institute standards (API) connection, structure size, internal parts aWpt international (GB) size.



UZ41SM



- 1、阀体 Body
- 2、孔架 Hole rack
- 3、柱塞 Plunger
- 4、柔性石墨密封环 Flexible graphite sealing ring
- 5、阀盖 Cover
- 6、阀杆 Stem
- 7、阀杆螺母 Stem nut
- 8、手轮 Handwheel

结构特点 Structural characteristics

柱塞闸阀是由阀体、阀盖、阀杆、柱塞、导向套、密封环、手轮等零件组成(如图)。当手轮旋转时,通过阀杆带动柱塞在导向套中上、下往复运动,使柱塞端部斜锥面与阀座面完成阀门的开启与关闭功能。

在阀门中柱塞与密封环采用过盈配合,通过调节中法兰螺栓预紧力,使密封环压缩所产生的侧向力与阀体中孔面及柱塞外圆密封从而耐磨性高的无毒新型密封材料,所以密封可靠、经久耐用,从而提高阀门的使用寿命。

柱塞闸阀是根据原有的闸阀连接尺寸设计制造的,由于闸阀在使用过程中出现外漏,密封环带复性较差,使用寿命短等特点,本柱塞闸阀结合了柱塞阀的无泄漏优点和闸阀启闭快又耐高温高压的特点,成为一种结构新颖的无泄漏柱塞闸阀。

Plunger gate valve by valve body, valve cover, stem, plunger, guide sleeve, sealing ring, hand wheel and other parts (see chart). When the hand wheel rotation, through the valve rod drives the plunger in the guide sleeve, under reciprocating motion. The plunger end inclined cone and the seat surface finish of valve open and close function. Plunger and seal ring used in valve interference fit, by adjusting the flange bolt pre-tightening force, make the seal ring compression produced by the lateral force and the body in the hole surface and the Great Wall round seal to high wear resistance Non-toxic new sealing material, so the sealing is reliable, durable, so as to improve the service life of the valve.

Plunger valve is according to the original valve connection size design and manufacturing, due to leakage valve in use process, sealing ring with resilience is poorer, such as faults, short service life of the plunger valve combination advantages of plunger valve without leakage and gate valve opening and closing fast and the characteristics of high temperature and high pressure resistance, become a kind of new structure of plunger valve without leakage.

性能规范 Performance Specification

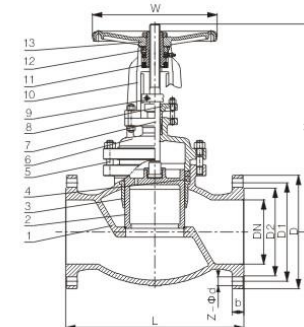
阀体材料 Valve body material	适用温度 Suitable temperature	适用介质 Applicable medium	压力范围 Pressure range
铸钢 Cast steel	≤250℃	水、蒸汽、油品 Water, steam, oil	PN1.6~4.0MPa
铸铁 Cast iron	≤180℃	水、蒸汽、油品 Water, steam, oil	PN1.6
不锈钢 Stainless steel	≤200℃	硝酸、醋酸 Nitric acid, acetic acid	公称通径 Nominal diameter
含钼不锈钢 Molybdenum stainless steel	≤200℃	氮、氢、尿素等 Nitrogen, hydrogen, urea, etc	DN15~400mm

实验压力 Experimental pressure

实验项目 Experimental project	实验介质 Experimental medium	实验压力 Experimental pressure
压强实验 Pressure test	水 Water	1.5PN
高压密封实验 High pressure seal test	水 Water	1.1PN
低压气密封实验 Low pressure gas seal experiment	气 Gas	0.5~0.7MPa



UZ41H



- 1、阀体 Body
- 2、柱塞 Plunger
- 3、导向环 Guide ring
- 4、柔性石墨密封环 Lexible graphite sealing ring
- 5、螺栓 Bolt
- 6、阀盖 Cover
- 7、阀杆 Stem
- 8、压盖 Gland
- 9、防转夹板 Anti-rotating plywood
- 10、支架 Yoke
- 11、轴承 Bearing
- 12、阀杆螺母 Stem nut
- 13、手轮 Handwheel

主要外形和连接尺寸 Main External and Connection Dimension

单位 Unit:mm

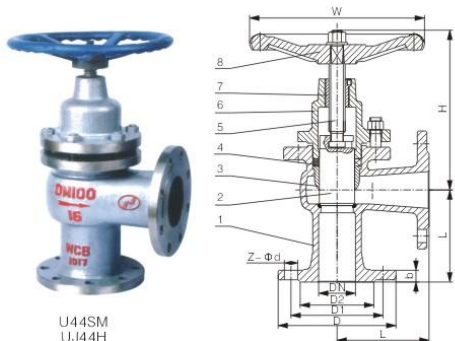
DN(mm)	1.6MPa UZ41SM-16C.P.R UZ41H-16C.Y.P.R															
尺寸(mm)	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400
L	130	150	160	180	240	250	265	280	300	325	350	400	450	500	550	600
W	100	100	120	140	160	180	200	240	280	320	350	400	520	640	760	900
D	95	105	115	135	140	160	180	195	215	245	280	335	405	460	520	580
D1	65	75	85	100	110	125	145	160	180	210	240	295	355	410	470	525
D2	45	55	65	78	85	100	120	135	155	185	210	265	295	375	435	485
b	14	14	14	16	16	16	18	20	20	22	24	26	26	30	34	36
Z-Φd	4~14	4~14	4~14	4~18	4~18	4~18	4~18	8~18	8~18	8~18	8~23	12~23	12~23	12~25	16~25	16~30

DN(mm)	2.5MPa UZ41SM-25C.P.R UZ41H-25C.Y.P.R															
尺寸(mm)	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400
L	130	150	160	180	240	250	265	280	300	325	350	400	450	500	550	600
W	100	100	120	140	160	180	200	240	280	320	350	400	520	640	760	900
D	95	105	115	135	145	160	180	195	230	270	300	360	425	485	550	610
D1	65	75	85	100	110	125	145	160	190	220	250	310	370	430	490	550
D2	45	55	65	78	85	100	120	135	160	188	218	278	332	390	448	505
b	16	16	16	18	18	20	22	22	24	28	30	34	36	40	44	48
Z-Φd	4~14	4~14	4~14	4~18	4~18	4~18	4~18	8~18	8~23	8~23	8~25	12~25	12~30	16~30	16~34	16~34

DN(mm)	4.0MPa UZ41SM-40C.P.R UZ41H-40C.Y.P.R															
尺寸(mm)	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400
L	130	150	160	180	200	250	265	280	300	325	350	400	450	500	550	600
W	100	100	120	140	160	180	200	240	280	320	350	400	520	640	760	900
D	95	105	115	135	145	160	180	195	230	270	300	375	445	485	570	655
D1	65	75	85	100	110	125	145	160	190	220	250	320	385	430	510	585
D2	45	55	65	78	85	100	120	135	160	188	218	282	345	390	465	535
b	16	16	16	18	18	20	22	22	24	28	30	38	42	40	52	58
Z-Φd	4~14	4~14	4~14	4~18	4~18	4~18	4~18	8~18	8~23	8~26	8~26	12~30	12~33	16~30	16~36	16~39

注:这类柱塞阀及结构尺寸采用国际闸阀尺寸。

Note: this is a kind of plunger valve size aWpt international gate size and structure.



U44SM
UJ44H

- 1、阀体 Body
- 2、柱塞 Plunger
- 3、导向环 Guide ring
- 4、柔性石墨密封环 Flexible graphite sealing ring
- 5、阀杆 Stem
- 6、阀盖 Cover
- 7、阀杆螺母 Stem nut
- 8、手轮 Handwheel

产品特点 Product features

角式柱塞阀与直通式柱塞阀的工作原理完全相同，只不过是安装在管线中的位置不同，因而石油、化工、化肥、制药等长输管线中有不少的拐角转弯处，而角式柱塞阀正好装在这个部位，这样不但减少了接管弯头，安装方便，省工、省料等特点。

Angle type plunger valve with straight through the working principle of plunger valve are exactly the same, just different position in the pipeline installation, thus the oil, chemical, fertilizer, pharmaceutical isometric pipeline there are a lot of turning the corner, and Angle type plunger valve is installed in this area, such not only reduced the takeover of bend, easy installation, province the labor, material, etc.

主要外形和连接尺寸 Main External and Connection Dimension

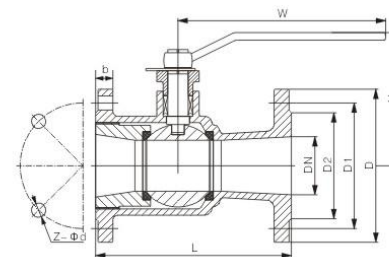
单位Unit:mm

DN(mm) 尺寸(mm)	U44SM-16C(P)										UJ44H-16C(P.R)									
	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400				
L	90	95	100	105	115	125	145	155	175	200	225	275	325	375	425	475				
H	190	210	220	250	280	300	320	370	420	440	530	610	730	850	970	1100				
W	100	100	120	140	160	180	200	240	280	320	350	400	520	640	760	900				
D	95	105	115	135	145	160	180	195	215	245	280	335	405	460	520	580				
D1	65	75	85	100	110	125	145	160	180	210	240	295	355	410	470	525				
D2	45	55	65	78	85	100	120	135	155	188	210	265	295	375	435	485				
b	12	12	12	13	13	13	15	17	17	19	21	23	27	28	30	32				
Z-Φd	4-14	4-14	4-14	4-18	4-18	4-18	4-18	8-18	8-18	8-18	8-23	12-23	12-25	12-25	16-25	16-30				

DN(mm) 尺寸(mm)	U44SM-25(P)										UJ44H-25C(P.R)									
	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400				
L	90	95	100	105	115	125	145	155	175	200	225	275	325	375	425	475				
H	190	210	230	260	260	290	320	370	420	460	530	610	730	850	970	1100				
W	100	100	110	140	160	180	200	240	280	320	350	400	520	640	760	900				
D	95	105	115	135	145	160	180	195	230	270	300	360	425	485	550	610				
D1	65	75	85	100	110	125	145	160	190	220	250	310	370	430	490	550				
D2	45	55	65	78	85	100	120	135	160	188	218	282	345	408	465	535				
b	14	14	14	15	15	170	19	19	21	25	27	31	33	36	40	44				
Z-Φd	4-14	4-14	4-14	4-18	4-18	4-18	8-18	8-18	8-23	8-25	8-25	12-25	12-30	16-30	16-34	16-34				



QQ41M



性能规范 Performance specification

型号 Model	公称压力 Nominal pressure (MPa)	试验压力(MPa) Test pressure		工作温度 Working temperature (°C)	适用介质 Applicable medium
		强度 Intensity	密封 Seal		
QQ41M-16P	16	2.4	1.8	-10~300 (瞬时350)	水蒸汽、 油品、氨、 醋、酸 介质等
QQ41M-25P	25	4.0	2.8		

主要零件材质 The major parts material

零件名称 Part name	铸钢 Cast steel	不锈钢 Stainless steel
	C	P
阀体螺塞 Valve plug	WCB	F304
球体 Ball	WCB-镀铬 Chrome plated	F304
阀杆 Stem	45#-镀硬铬 Hard chrome plating	F304
阀座 Seat	聚四氟乙烯-石墨+高弹性胶(B202)型	
填料 Packing	PTFE and graphite + high elastic rubber (B202)	

QQ41M-1.6C.P.R主要外形和连接尺寸 Main External and Connection Dimension

单位Unit:mm

DN	L	D	D1	D2	b	Z-Φd	H	W
15	130	95	65	45	14	4-14	105	150
20	140	105	75	55	14	4-14	110	150
25	150	115	85	65	14	4-14	120	160
32	165	135	100	78	16	4-18	140	180
40	180	145	110	85	16	4-18	155	250
50	200	160	125	100	16	4-18	175	300
65	220	180	145	120	18	4-18	195	300
80	250	195	160	135	20	8-18	225	320
100	280	215	180	155	20	8-18	250	320
125	320	245	210	188	22	8-18	270	360
150	360	280	240	210	24	8-23	290	360
200	400	335	295	265	26	12-23	350	500
250	450	405	355	320	30	12-25	405	550
300	500	460	410	375	30	12-25	465	600

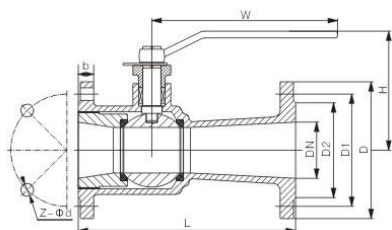
QQ41M-2.5C.P.R主要外形和连接尺寸 Main External and Connection Dimension

单位Unit:mm

DN	L	D	D1	D2	b	Z-Φd	H	L0
20	140	105	75	55	16	4-14	110	150
25	150	115	85	65	16	4-14	120	160
32	165	135	100	78	18	4-18	145	160
40	180	145	110	85	18	4-18	155	250
50	200	160	125	100	20	4-18	175	300
65	220	180	145	120	22	4-18	195	300
80	250	195	160	135	22	8-18	225	320
100	280	230	190	160	24	8-23	255	320
125	320	275	220	188	28	8-25	285	400
150	360	300	250	218	30	8-25	295	400
200	400	360	310	278	34	12-30	350	500
250	450	425	370	332	36	12-30	405	550
300	500	485	430	390	40	16-30	465	600



QP41M



性能规范 Performance specification

型号 Model	公称压力 Nominal pressure (MPa)	试验压力(MPa) Test pressure			工作温度 Working temperature (°C)	适用介质 Applicable medium
		强度(水) Intensity (water)	密封(水) Seal (water)	气密封 Gas seal		
QP41M-1.6	1.6	2.4	1.8	0.6	≤250	水蒸汽、 油品氨、 酸、碱 介质等
QP41M-2.5	2.5	4.0	2.8		≤300	

主要零件材质 The major parts material

零件名称 Part name	材料 Material	
	QP41M-1.6 QP41M-2.5	
阀体 Body	HT200、QT450-10	WCB、CF8
球体 Ball	不锈钢 Stainless steel	
阀杆 Stem		
密封圈 Sealing ring	柔性石墨 Flexible graphite	
手柄 Handle shank	QT450-10	

QP41M-1.6C.P.R主要外形和连接尺寸 Main External and Connection Dimension

单位 Unit:mm

DN	L	D	D1	D2	b	Z-Φd	H	W
25	160	115	85	65	14	4-14	120	160
32	180	135	100	78	16	4-18	145	160
40	230	145	110	85	16	4-18	155	250
50	250	160	125	100	16	4-18	175	300
65	265	180	145	120	18	4-18	195	300
80	280	195	160	135	20	8-18	225	320
100	300	215	180	155	20	8-18	270	320

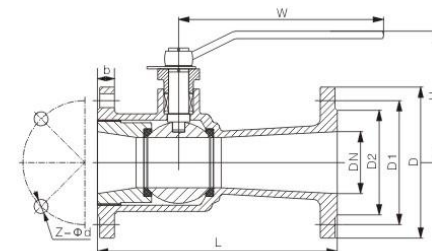
QP41M-2.5C.P.R主要外形和连接尺寸 Main External and Connection Dimension

单位 Unit:mm

DN	L	D	D1	D2	b	Z-Φd	H	W
25	160	115	85	65	16	4-14	120	160
32	180	135	100	78	18	4-18	145	160
40	230	145	110	85	18	4-18	155	250
50	250	160	125	100	20	4-18	175	300
65	265	180	145	120	22	4-18	195	300
80	280	195	160	135	22	8-18	225	320
100	300	230	190	160	24	8-23	225	320



QJ41M



性能规范 Performance specification

型号 Model	公称压力 Nominal pressure (MPa)	试验压力(MPa) Test pressure			工作温度 Working temperature (°C)	适用介质 Applicable medium
		强度(水) Intensity (water)	密封(水) Seal (water)	气密封 Gas seal		
QJ41M-1.6	1.6	2.4	1.8	0.6	≤250	蒸汽、气 水、油品、 煤气、氨 碱、醋酸 铜、氨液
QJ41M-2.5	2.5	4.0	2.8		≤300	

主要零件材质 The major parts material

零件名称 Part name	材料 Material	
	QJ41M-1.6 QJ41M-2.5	
阀体 Body	HT200、QT450-10	WCB、CF8
球体 Ball	不锈钢 Stainless steel	
阀杆 Stem		
密封圈 Sealing ring	柔性石墨 Flexible graphite	
手柄 Handle shank	QT450-10	

QJ41M-1.6主要外形和连接尺寸 Main External and Connection Dimension

单位 Unit:mm

DN	L	D	D1	D2	b	Z-Φd	H	W
15	130	95	65	45	14	4-14	105	150
20	150	105	75	55	14	4-14	110	150
25	160	115	85	65	14	4-14	120	160
32	180	135	100	78	16	4-18	140	180
40	200	145	110	85	16	4-18	155	250
50	230	160	125	100	16	4-18	175	300
65	290	180	145	120	18	4-18	195	300
80	310	195	160	135	20	8-18	225	320
100	350	215	180	155	20	8-18	250	320
125	400	245	210	188	22	8-18	270	360
150	480	280	240	210	24	8-23	290	360
200	600	335	295	265	26	12-23	350	450
250	730	405	355	320	30	12-25	405	450

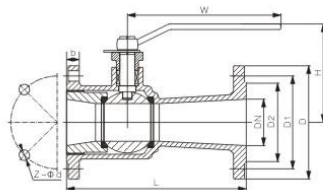
QJ41M-2.5主要外形和连接尺寸 Main External and Connection Dimension

单位 Unit:mm

DN	L	D	D1	D2	b	Z-Φd	H	W
15	130	95	65	45	16	4-14	105	150
20	150	105	75	55	16	4-14	110	150
25	160	115	85	65	16	4-14	120	160
32	180	135	100	78	18	4-18	140	180
40	200	145	110	85	18	4-18	155	250
50	230	160	125	100	20	4-18	175	300
65	290	180	145	120	22	8-18	195	300
80	310	195	160	135	22	8-18	225	320
100	350	230	190	160	24	8-23	250	320
125	400	270	220	188	28	8-25	270	360
150	480	300	250	218	30	8-25	290	360
200	600	360	310	278	34	12-25	350	450
250	730	425	370	332	36	12-25	405	450



QZ41M



性能规范 Performance specification

型号 Model	公称压力 Nominal pressure (MPa)	试验压力(MPa) Test pressure			工作温度 Working temperature (°C)	适用介质 Applicable medium
		强度(水) Intensity (water)	密封(水) Seal (water)	气密封 Gas seal		
QZ41M-1.0	1.0	1.5	1.1		≤250	蒸汽、气 水、油品、 煤气、天 然气、氨 碱、醋酸 铜、氨液
QZ41M-1.6	1.6	2.4	1.8		≤300	
QZ41M-2.5	2.5	4.0	2.8			

主要零件材质 The major parts material

零件名称 Part name	材料 Material	
	QZ41M-1.0 QZ41M-1.6 QZ41M-2.5	
阀体 Body	HT200、QT450-10	WCB、CF8
球体 Ball	不锈钢 Stainless steel	
阀杆 Stem	柔性石墨 Flexible graphite	
密封圈 Sealing ring	柔性石墨 Flexible graphite	
手柄 Handle shank	QT450-10	

QZ41M-1.0C.P.R主要外形和连接尺寸 Main External and Connection Dimension

单位 Unit:mm

DN	L	D	D1	D2	b	Z-Φd	H	W
40	165	150	110	88	18	4-17	155	250
50	180	165	125	102	18	4-18	175	300
65	195	185	145	122	18	8-18	195	300
80	210	200	160	138	20	8-18	225	320
100	230	220	180	158	20	8-18	250	320
125	255	250	210	188	22	8-18	270	360
150	280	285	240	212	22	8-22	290	360
200	330	340	295	268	24	8-22	320	450

QZ41M-1.6C.P.R主要外形和连接尺寸 Main External and Connection Dimension

单位 Unit:mm

DN	L	D	D1	D2	b	Z-Φd	H	W
40	240	145	110	85	16	4-18	155	250
50	250	160	125	100	16	4-18	175	300
65	265	180	145	120	18	4-18	195	300
80	280	195	160	135	20	4-18	225	320
100	300	215	180	155	20	8-18	250	320
125	325	245	210	185	22	8-18	270	360
150	350	280	240	210	24	8-23	290	360
200	400	335	295	265	26	12-23	320	450

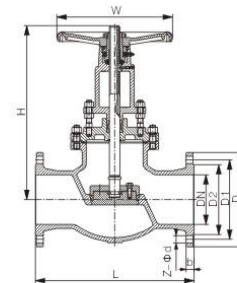
QZ41M-2.5C.P.R主要外形和连接尺寸 Main External and Connection Dimension

单位 Unit:mm

DN	L	D	D1	D2	b	Z-Φd	H	W
40	240	145	110	85	18	4-18	155	250
50	250	160	125	100	20	4-18	175	250
65	265	180	145	120	22	8-18	195	300
80	280	195	160	135	22	8-18	225	320
100	300	230	190	160	24	8-23	250	320
125	325	270	220	188	28	8-25	270	360
150	350	300	250	218	30	8-25	290	360
200	400	360	310	278	34	12-25	320	450



HSF41H-16活塞阀 Piston valve



蒸汽管道的更佳选用
Steam pipeline is better to choose

产品概述 Product overview

新结构法兰连接可调节活塞阀 HSFJ41H、HSFZ41H、PPL DN40-600 是本公司历年来的生产中性性能的特殊阀门中筛选出一种具有代表性新结构阀门。近年来经用户使用反馈信息中实践证明与实际经验根据柱塞阀的使用性能及技术与工艺上改进设计研制成功，是柱塞阀、截止阀、闸阀的更新换代推陈出新产品，填补了无泄漏管道蒸汽阀门的更佳启闭装置，深受新老用户的好评而推荐使用。

New structure flange connection can be adjusted the piston valve HSFJ41H、HSFZ41H、PPL DN40-600 is the performance of the company over the years in the production of kinds of special valves, a new structure of representative valve. In recent years by using Wor is proved with practical experience in using feedback information according to the use of the plunger valve performance and improve the technology and process design, successful development is the plunger valve, cut-off valve, gate valve replacement new products, better fill without leaking pipe steam valve opening and closing device, well received by old and new users and recommended.

产品特点 Product features

- 1、该升杆式活塞阀结构简单科学、安全可靠，启闭特别轻松灵活，操作省力与柱塞阀相比启闭轻、快等优点。
 - 2、密封性能独特无泄漏，活塞具有金属与非金属多层密封结构组成的双效功能。
 - 3、一体式阀座（缸套）径向锥形密封面，高度高、接触面积大、性能好。
 - 4、活塞环根据不同的适用介质选用材料能全面提高了它的使用范围，耐高温、耐磨、防腐、回弹性能强等，经长时间使用，活塞环如有磨损维护时可调压增大原始状态。
 - 5、维修更换活塞环技术工艺简单方便，阀体无需拆离管道则停汽后卸下阀盖总成即可更换新活塞环重复性使用等特点。
1. the rising stem type piston valve structure simple scientific, safe and reliable, particularly easy for opening and closing flexible, easy operation as compared with the plunger valve opening and closing advantages of lightweight, fast.
 2. unique sealing performance without leakage, the piston has a metal and nonmetal multi-layer sealing structure of Wubule function.
 3. one-piece seat (liner) radial taper sealing surface, high altitude, large contact area, good performance.
 4. the piston ring according to the different applicable medium choose material can improve its use range, high temperature resistance, abrasion resistance, corrosion resistance, strong resilience to etc., after using for a long time, when the piston ring if there are any wear maintenance adjustable voltage increase the original state.
 5. simple and convenient maintenance to replace piston ring technology, the body without detachment after steam pipe can stop remove bonnet assembly can replace a new piston ring repetitive use, etc.

结构性能及原理 Structure and principle of performance

- 1、HSFJ41H 活塞阀由阀体、阀盖、压盖、阀杆、阀塞、阀塞盖、活塞环、一体缸套（阀座）升杆螺母、平面轴承、手轮、伞齿轮等部件组成，由于轮旋转升杆式带动活塞使之在锥形缸套内外之间对位上下往复运动完成它的关闭与开启。
- 2、它的缸套结构锥形在缸套（阀座）圆锥形内根据适用介质分别堆焊了不锈钢或硬质合金，堆焊层硬度可达HRC40，经研磨而成。
- 3、阀塞与活塞环的密封结构具有金属与非金属的多层密封组成，当一道活塞环在长时间的使用操作中受磨损已调压至零位调压已失效时，因此第二道金属截止式锥形活塞起着同时密封作用，故此活塞阀的使用寿命长达普通阀门的数倍，所以在使用过程中无需特别保养而保持不漏，能实现了无泄漏管道的更佳启闭装置的选择，对节约能源减少劳力及环境污染具有明显的应用。

1. HSFJ41H piston valve by valve body, valve cover, gland, valve stem, valve plug, plug cover, piston ring and cylinder liner (seat) rising stem nut, flat bearing, wheel, bevel gear and other parts, because wheel spin up lever to drive the piston of both inside and outside the conical cylinder liner counterpoint between closed and open up and Wwn reciprocating movement to complete it.
2. Its conical liner structure within the cylinder liner (seat) circular cone respectively according to the applicable medium surfacing welding the stainless steel or hard alloy, hardness of the surfacing layer can reach HRC40, the boring and milling.
3. plug and piston ring seal structure with metal and nonmetal multi-layer seal, when a piston ring in the use of long time operation already frayed surge to zero voltage regulator has failure, therefore the name of the second metal cut-off cone piston and seal effect, so the service life of the piston valve for several times of ordinary valves, so in the process of use without special maintenance to keep leakage, can achieve better without leaking pipe opening and closing device of choice, to save energy reduce Labour and environmental pollution has obvious applications.

主要零件材质 The major parts material

型号规格 Specifications	口径 Diameter DN (mm)	试验压力PN(MPa) Test pressure (1.6~6.4)		主要技术性能 Main technical performance		阀门材料选用 The valve material selection							
		壳体 shell	密封 seal	适用介质 Applicable medium	适用温度 Suitable temperature (°C)	阀体 阀盖 机架	活塞盖 Piston cover	阀杆 活塞	缸套 堆焊	垫料	丝杆 螺母	活塞盖 螺栓 垫圈	手轮
HSFJ41H HSFZ41H	40~600	2.4	1.76	水 蒸汽 气 油品 酸类等	120~ 380	WCB HT200 QT450-10 CF8 CF8M CF3 CF3M	WCB 304 316 316L	2Cr13 304 316 316L	A102 (308) (Y)合金	金属 不锈钢 堆焊 石墨	铜 H62	1Cr18Ni9Ti (304)	灰铸铁 马钢
AHSF41H		3.75 6.0	2.75 4.4 (气密 0.6)										

主要性能规范 The main performance specification

型号规格 Specifications	公称压力 Nominal pressure PN(MPa)	试验压力 Test pressure PS(MPa)			使用温度(°C) usage temperature	适用介质 Applicable medium
		壳体 shell	密封 seal	低压气密封 Low pressure gas seal		
HSF41H-FX-16C	1.6	2.4	1.76	0.6	180~320°C	水、蒸汽、气、油品等
HSF41H-PPL-16P					280~320°C	
HSF41W-FX-16P					180~320°C	水、蒸汽、气、油品等弱腐蚀性介质类
HSF41W-PPL-16P					280~320°C	
HSF41W-SF-16R3					150~200°C	尿素等强腐蚀性介质类
HSF41H-PTEF-16C					180~200°C	水蒸汽油品等
HSF41H-SX-162					120~180°C	水蒸汽、气等（不耐油）

HSFJ41H-16主要外形和连接尺寸 Main External and Connection Dimension

PN:1.6MPa

公称压力 Nominal pressure PN(MPa)	公称口径 Nominal diameter DN(mm)	尺寸 Size (mm)									重量 weight (kg)
		L	D	D1	D2	b	Z-Φd	H	H1	W	
1.6	40	200	145	110	85	16	4-Φ18	190	230	160	12.5
	50	230	160	125	100	16	4-Φ18	205	245	180	16
	65	290	180	145	120	18	4-Φ18	245	305	200	26
	80	310	195	160	135	20	8-Φ18	285	365	240	35
	100	350	215	180	155	20	8-Φ18	320	405	280	32
	125	400	245	210	185	22	8-Φ18	340	415	320	64
	150	480	280	240	210	24	8-Φ23	410	510	350	110
	200	600	335	295	265	26	12-Φ23	530	650	450	168
	250	650	405	355	320	30	12-Φ25	560	700	500	245
	300	750	460	410	375	30	12-Φ25	670	850	550	580
	350	780	520	470	435	34	16-Φ25	680	870	600	670
	400	914	580	525	485	36	16-Φ30	820	1050	700	720
	450	1050	640	585	545	40	20-Φ30	1100	1250		1340
	500	1150	705	650	608	44	20-Φ34	100	1650	带伞齿轮 传动装置	1400
	600	1350	840	770	718	48	20-Φ41	1480	1800		1750

说明：1、(J)表示截止管道法兰连接长度尺寸；2、(Z)表示闸阀管道法兰连接长度尺寸；3、(A)表示美标法兰连接长度尺寸。
Description: 1. (J) said the pipeline flange connection length; 2. (Z) gate valve pipe flange connection length; 3. (A) American standard flange connection length.

HSFJ41H-25主要外形和连接尺寸 Main External and Connection Dimension

PN:2.5MPa

公称压力 Nominal pressure PN(MPa)	公称口径 Nominal diameter DN(mm)	尺寸 Size (mm)									重量 weight (kg)
		L	D	D1	D2	b	Z-Φd	H	H1	W	
2.5	40	200	145	110	85	18	8-Φ18	200	240	160	14
	50	230	160	125	100	20	8-Φ18	215	255	180	19
	65	290	180	145	120	22	8-Φ18	255	315	200	30
	80	310	195	160	135	22	8-Φ18	295	375	240	42
	100	350	230	190	160	24	8-Φ23	330	415	280	60
	125	400	270	220	188	28	8-Φ25	350	425	320	95
	150	480	300	250	218	30	8-Φ25	420	520	350	100
	200	600	360	310	278	34	12-Φ25	530	650	450	170
	250	650	425	370	332	36	12-Φ30	560	700	500	248
	300	750	485	430	392	40	16-Φ30	670	850	550	310
	350	780	550	490	448	44	16-Φ34	680	870	600	600
	400	914	610	550	505	48	16-Φ34	820	1050	700	760
	450	1050	660	600	555	50	20-Φ34		1250	带伞齿轮 传动装置	1380
	500	1150	730	600	610	52	20-Φ41		1650		1500
	600	1350	840	770	718	56	20-Φ41		1800		1900

HSFJ41H-40主要外形和连接尺寸 Main External and Connection Dimension

PN:4.0MPa

公称压力 Nominal pressure PN(MPa)	公称口径 Nominal diameter DN(mm)	尺寸 Size (mm)									重量 weight (kg)
		L	D	D1	D2	b	Z-Φd	H	H1	W	
4.0	40	200	145	110	85	18	4-Φ18	200	240	160	14
	50	230	160	125	100	20	4-Φ18	215	255	180	18
	65	290	180	145	120	22	8-Φ18	255	315	200	28
	80	310	195	160	135	22	8-Φ18	295	375	240	40
	100	350	230	190	160	24	8-Φ23	330	415	280	55
	125	400	270	220	188	28	8-Φ25	350	425	320	78
	150	480	300	250	218	30	8-Φ25	420	520	350	124
	200	600	375	320	282	38	12-Φ30	530	650	450	195
	250	650	445	385	345	42	12-Φ34	560	700	500	295
	300	750	510	450	408	46	16-Φ34	670	850	550	650
	350	780	570	510	465	52	16-Φ34	680	870	600	760
	400	914	655	585	535	58	16-Φ41	820	1050	700	860
	450	1050	680	610	560	60	20-Φ41	240	1250	带伞齿轮 传动装置	1500
	500	1150	755	670	612	62	20-Φ48	255	1650		1700
	600	1350	890	795	730	62	20-Φ54	315	1800		2200

说明：1、(J)表示截止管道法兰连接长度尺寸；2、(Z)表示闸阀管道法兰连接长度尺寸；3、(A)表示美标法兰连接长度尺寸。
Description: 1. (J) said the pipeline flange connection length; 2. (Z) gate valve pipe flange connection length; 3. (A) American standard flange connection length.



HSFZ41H_W-16主要外形和连接尺寸 Main External and Connection Dimension

PN:1.6MPa

公称压力 Nominal pressure PN(MPa)	公称直径 Nominal diameter DN(mm)	尺寸Size (mm)									重量 weight (kg)
		L	D	D1	D2	b	Z-Φd	H	H1	W	
1.6	40	200	145	110	85	16	4-Φ18	200	240	160	12.2
	50	250	160	125	100	16	4-Φ18	215	255	180	18.5
	65	265	180	145	120	18	4-Φ18	255	315	200	27
	80	280	195	160	135	20	8-Φ18	295	375	240	40
	100	300	215	180	155	20	8-Φ18	330	415	280	50
	125	325	245	210	185	22	8-Φ18	350	425	320	85
	150	350	280	240	210	24	8-Φ23	420	520	350	95
	200	400	335	295	265	26	12-Φ23	530	650	450	160
	250	450	405	355	320	30	12-Φ25	560	700	500	230
	300	500	460	410	375	30	12-Φ25	670	850	550	290
	350	550	520	470	435	34	16-Φ25	680	870	600	575
	400	600	580	525	485	36	16-Φ30	820	1040	700	735

HSFZ41H_W-25主要外形和连接尺寸 Main External and Connection Dimension

PN:2.5MPa

公称压力 Nominal pressure PN(MPa)	公称直径 Nominal diameter DN(mm)	尺寸Size (mm)									重量 weight (kg)
		L	D	D1	D2	b	Z-Φd	H	H1	W	
2.5	40	200	145	110	85	18	4-Φ18	200	240	160	13
	50	250	160	125	100	20	4-Φ18	215	255	180	18
	65	265	180	145	120	22	4-Φ18	255	315	200	28
	80	280	195	160	135	22	8-Φ18	295	375	240	41
	100	300	230	190	160	24	8-Φ23	330	415	280	55
	125	325	270	220	188	28	8-Φ25	350	425	320	90
	150	350	300	250	218	30	8-Φ25	420	520	350	100
	200	400	360	310	278	34	12-Φ25	530	650	450	165
	250	450	425	370	332	36	12-Φ30	560	700	500	238
	300	500	485	430	390	40	16-Φ30	670	850	550	300
	350	550	550	490	448	44	16-Φ34	680	870	600	585
	400	600	610	550	505	48	16-Φ34	820	1040	700	745

说明：1、(J)表示截止管道法兰连接长度尺寸；2、(Z)表示闸阀管道法兰连接长度尺寸；3、(A)表示美标法兰连接长度尺寸。

Description: 1. (J) said the pipeline flange connection length; 2. (Z) gate valve pipe flange connection length; 3. (A) American standard flange connection length.

质量服务承诺 COMMITMENT ON QUALITY SERVICE



浙江万宇阀门有限公司一贯奉行“以质量赢得用户，以信誉发展企业，以价格占领市场”的经营原则，公司以满足顾客需要为宗旨，愿意通过自己的努力共同促进双方的合作，为顾客提供优质的产品和优良的服务，为确保用户买得放心，用时舒心，万宇阀门实行公开服务承诺。

◎ 优质体系

1. 产品的设计、制造、装配、检验及相关过程严格贯彻ISO9001/14001国际管理体系的标准。
2. 产品一律按国家和行业有关标准进行设计、制造和检验，同时可以根据用户的要求进行专用产品的开发，满足用户需求。

◎ 售前服务

万宇阀门拥有最全面最专业的技术队伍，可根据用户的要求就产品的类别、结构、性能、技术指标、产品选型等进行技术研讨及交流、非标产品设计、疑难解答及前期技术性常见故障的分析与预测。

◎ 售中服务

用心周到的服务与产品技术的不断创新同等重要，优质的产品加上优质的服务，才能真正体现品牌的优势。在合作过程中，信守合同，保质保量按时供应，随时保持与用户联系沟通。在产品的安装或使用过程中，可免费提供产品的使用性能、安装调试、故障排除及维修等方面的培训与指导。对特殊或定制的专用产品，可指派专业技术人员亲临现场服务。

◎ 售后服务

万宇阀门实行完善的用户档案和全程服务制度，每个用户都指派专业的项目经理进行全程免费技术咨询、安装指导、跟踪服务以及相关咨询服务，让用户真正体会到专业化的服务优势。

1. 万宇阀门所提供的产品从供货之日起，在正常使用情况下，质保期为18个月，在质保期内，经确认属于生产制造原因导致的缺陷影响使用的产品，一律实行三包服务。
2. 用户在运输、装卸、储存过程中擅自拆卸产品或养护不当等原因造成产品损坏不在三包范围内。如属使用不当或在保修期外，本公司对产品实行终身技术服务，只收取配件的成本费。
3. 用户如发现产品质量问题或服务抱怨，万宇阀门收到用户函电后，根据路程的远近距离，本市城区2小时到达现场，外区域遇重大问题保证在48小时赶到现场并及时给予答复解决，确保用户达到满意。
4. 公司承诺质保期满后以最优惠价格快速地提供保养服务，并应买方要求派技术人员赴买方现场进行技术服务。
5. 公司货源充足，品种齐全，配件丰富，应急预案和措施严密，可以及时解决用户临时性的紧急需求。
6. 产品使用过程中，用户对产品质量、使用性能、改进意见或其他建设性建议等方面的反馈，万宇阀门会积极采纳并改进，以便进一步提高产品质量，更好地回报用户。