

# PRODUCT SERIES

## » 产品系列



美标平板闸阀  
API through conduit gate valve



气动平板闸阀  
Pneumatic through conduit gate valve



美标平板闸阀  
API through conduit gate valve



美标平板闸阀  
API through conduit gate valve



轻型无导流孔平板闸阀  
Light through conduit gate valve without diversion holes



齿轮平板闸阀  
Gear plate gate valve



高压平板闸阀  
High-pressure through conduit gate valve



美标平板闸阀  
API through conduit gate valve



美标平板闸阀  
API through conduit gate valve



无导流孔平板闸阀  
Through conduit gate valve without diversion holes



美标焊接膨胀式平板闸阀  
American Standard Welding Expanded Flat Gate Valve



美标平板闸阀  
API through conduit gate valve

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无导流孔平板闸阀  
Through conduit gate valve without diversion holes



高压平板闸阀  
High-pressure through conduit gate valve



带放散管法兰端燃气闸阀  
Flange gas gate valve with bleeding tubes



美标平板闸阀  
API through conduit gate valve



双闸板平板闸阀  
Double plate through conduit gate valve



膨胀式平板闸阀  
Expanding through conduit gate valve



气动平板闸阀  
Pneumatic through conduit gate valve



美标平板闸阀  
API through conduit gate valve



国标平板闸阀  
National Standard Flat Gate Valve



法兰燃气平板闸阀  
Flange gas flat gate valve



高分子新材料防腐工艺平板闸阀  
Polymer new material anticorrosion  
process flat gate valve



轻型无导流孔平板闸阀  
Light through conduit gate  
valve without diversion holes



### ● 产品结构特点 Products Design Features

- 阀体有铸造和焊接两种结构。

Cast and weld two structures with the body

- 阀座采用O形密封圈密封和施加预紧力的浮动阀座结构，使阀门进出口双向密封；并且该结构的启闭力矩仅为普通阀门的1/2，能达到轻轻松开、关阀门。

The seat ring uses the floating seat ring structure with o-seal ring sealed and pre-tightening force applied to have inlet and outlet dual-way sealed; and the open-close moment with this structure is 1/2 that of the common valves only, able to lightly open and close valves.

- 阀座采用密封面上镶嵌PTFE，具有PTFE对金属和金属对金属的双重密封，PTFE密封面同时清除闸板脏物的作用。

The seat ring uses the sealing face inlaid with PTFE, so has dual seals of PTFE to metal and metal to metal, the PTFE sealing face also acts as removing the dirt on the wedge disc.

- 金属对金属密封的阀门，阀体外部设有注油脂结构，油脂通过注脂器、阀座进入阀门密封面，使阀门达到零泄漏。

For the valve with the metal to metal seal, there is grease injector outside of it, grease gets into the sealing face through the injector and the seat ring to have the valve up to null leak.

- 带导流孔闸板的闸板，无论是全开或是全关始终与密封面吻合，密封面得到保护不受介质直接冲刷，从而延长使用寿命。

The wedge disc of the valve with flow guide hole is always fitted with the sealing face whether in full open or full close status to have the sealing face protected without being directly eroded by the medium so as to extend the duration.

- 阀门在全开时，通道平滑为直线，流阻系数极小，无压力损失，可通毛球清扫管线。

When fully opened, the valve's channel is smooth and linear, with an extremely small flow resisting coefficient and no pressure loss, and the pipeline can be cleaned with hair-ball through it.

- 本阀门采用带自密封能力的填料结构，无需经常调节，开、关极为轻便，且密封性可靠，填料函处设有辅助密封油脂注入结构，密封性能绝对可靠，真正达到零泄漏；解决了通用阀门填料处最容易外漏的弊病。

This valve uses the packing structure with the ability of self-seal, needs no constant adjustment, features very light open and close and a reliable seal. An assisting sealing grease injection structure is set in the packing to have the sealing performance absolutely reliable and get a true null leak, settling the problem for the packing place of universal valves to be easiest leak outward.

- 阀门关闭时能自动卸掉内腔高压(详见工作原理图)，保证使用安全。

Automatic removal of the high pressure in the internal cavity when the valve is about to close (see the working principle diagram for the details) so as to ensure safety.

- 全封闭结构，防护性能好，可适应全天候要求。

Fully sealed structure leaves a good protective property, suitable for the requirement of 24-hour duty.

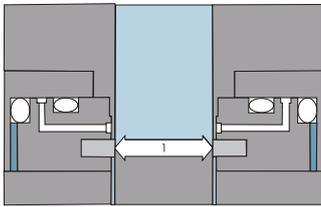
- 阀门设有指示杆或观察窗以表示阀门的启闭情况。

An indication rod or viewing window is set with the valve to show the open-close condition.

### ● 产品性能规范 Products Performance Specification

压力等级 Pressure	常温试验压力(MPa) Testing pressure at constant temperature (Mpa)					适用温度 Applicable temperature	适用介质 Applicable medium	
	壳体试验 The shell testing	左密封 The left sealing	右密封 Right sealing	低气压密封 Low pressure air tightness	普通型 Ordinary type		抗硫型 Antisulphur type	
公称压力 (MPa) Nominal rating pressure (PN)	1.6	2.4	1.76	1.76	0.6	-29 ~ 121°C 或按用户要求	石油、天然气、水等非腐蚀性介质	含H <sub>2</sub> S、CO <sub>2</sub> 的石油、天然气、水等腐蚀性介质
	2.5	3.75	2.75	2.75	0.6			
	4.0	6.0	4.4	4.4	0.6			
	6.4	9.6	7.04	7.04	0.6			
	10.0	15.0	11.0	11.0	0.6			
	16.0	24.0	17.6	17.6	0.6			
	25.0	37.8	27.5	27.5	0.6			
42.0	63.0	46.2	46.2	0.6				
磅级(Lb) Pound grade (Class)	150	3.0	2.2	2.2	0.6	-29 ~ 121°C or upon the user requirement	Petroleum, natural gas, water etc. non-corrosive media	Petroleum, natural gas, water etc. containing H <sub>2</sub> S, CO <sub>2</sub> corrosive media
	300	7.5	5.5	5.5	0.6			
	400	9.6	7.04		0.6			
	600	15.0	11.0	11.0	0.6			
	900	22.5	17.5	17.5	0.6			
	1500	37.5	27.5	27.5	0.6			
2500	63.0	46.2	46.2	0.6				

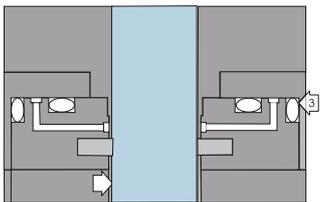
### ● 工作原理 Working Principle



图(1)

1、阀门内部压力相当时(1)，闸板处于闭合状态，阀座表面PTFE密封环形成初始密封，每次阀门开或关时，阀座圈能清洁闸板两侧。(如图1)

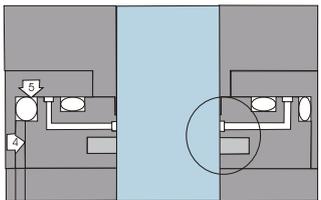
With equal pressure throughout the valve (and the gate in closed position), and initial seal (1) is formed with the raised PTFE ring on the faces of the seats. (The seat-inserts clean both sides of the gate each time the valve is opened or closed)



图(2)

2、对阀门施加管道压力时(2)，压力作用于闸板，迫使它贴近出口阀座上的PTFE环，压缩它直到闸板停在钢制阀座上，这样，就形成了双重密封，首先是PTFE对金属密封，然后是金属对金属密封，阀座也被牢固地推到凹槽，在这一点(3)，O形圈阻止任何后部介质流。(如图2)

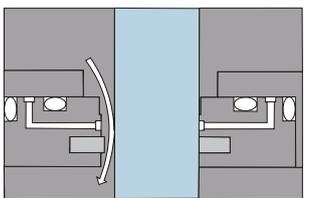
As line pressure (2) is applied to the valve. it acts on the gate, forcing it against the PTFE ring on the downstream seat, compressing it until the seat against the steel seat. Thus, a double seal is formed...first, a PTFE-to-metal seal; then, metal-to-metal. The seat is also forced firmly into its recess. The O-ring (3) prevents any downstream flow at this point.



图(3)

3、阀腔压力泄放后，形成进口密封，管道压力作用于进口阀座(4)，使其移向闸板，这时形成PTFE对金属的密封，同时，O形圈(5)与阀座凹槽形成紧密的密封。(如图3)

Upstream seal is provided when valve cavity pressure is bled off. This is caused by the force of line pressure acting against the upstream seat (4) moving the seat against the gate and providing a tight PTFE-to-metal seal at this point. At the same time. the O-ring (5) forms a tight seal with the seat recess.



图(4)

4、阀门自动泄放多余的压力，当阀腔压力大于管道压力时，由于热膨胀，进口阀座推向凹槽，阀腔内多余的压力在阀座与闸板之间泄放到管道中。(如图4)

Valve automatically relieves itself of excessive valve cavity pressure. When valve cavity pressure exceeds line pressure...from such causes as thermal expansion...the upstream seat is forced back into its recess and the excess pressure in the valve cavity is bled between the seat and the gate into the line.

### ● 产品主要参数 Main Parameter of the Products

基本型号 Serial models	(K)Z43WF、(K)Z43WY、(K)Z43WD、(K)Z44WF、(K)Z44WY、(K)Z44WD (K)Z543WF、(K)Z543WY、(K)Z543WD、(K)Z544WF、(K)Z544WY、(K)Z544WD (K)Z643WF、(K)Z643WY、(K)Z643WD、(K)Z644WF、(K)Z644WY、(K)Z644WD (K)Z943WF、(K)Z943WY、(K)Z943WD、(K)Z944WF、(K)Z944WY、(K)Z944WD			
压力等级范围 Pressure grade range	PN1.6 ~ 15.0MPa		Class150 ~ 900	
通径范围 Drift diameter range	DN25 ~ 1000mm		1" ~ 40"	
驱动方式 Driving manner	手轮驱动 Hand wheel driving		齿轮动、气动、液动、电动 Gear driving, air-operating, hydrodynamic driving and electric driving	
适用范围 Scope of application	Class150 ~ 300 (PN1.6 ~ 4.0)	Class400 (PN6.4)	Class600 ~ 900 (PN10.0 ~ 15.0)	Class150 ~ 900
	1" ~ 40" (DN25 ~ 1000mm)	1" ~ 28" (DN25 ~ 700mm)	1" ~ 12" (DN25 ~ 300mm)	1" ~ 40" (DN25 ~ 1000mm)

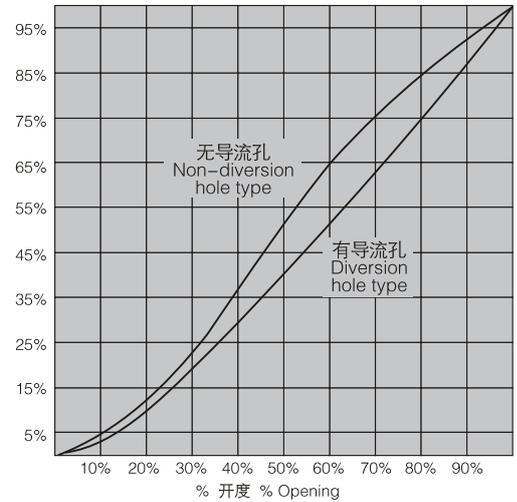
注：本公司可根据用户要求提供产品。  
Note: Our company can provide products at customres'request.

### ● 流量特性分析

带导流孔的平板闸阀，其流量特性等同于同规格的管道，呈等百分比特性，不带导流孔的平板闸阀，其中腔跨度较楔式闸阀小，且属于规则的圆柱体，所以，基本上除压力损失较带导流孔的大外，其余特性基本接近。不带导流孔调节型的平板闸阀其对流量的调节特性优于普通不带导流孔的平板闸阀。

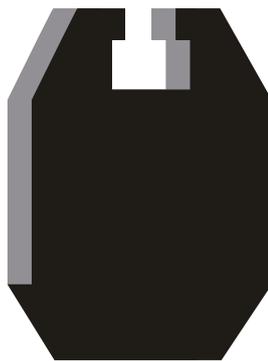
### ● Flow Characteristic

The flow characteristic of flat gate valves with a diversion hole is equal to that of pipelines of the same specification. The characteristic is shown in per centum form. As for valves without a diversion hole, its cavity fly span is smaller than that of wedge gate valves and it is a regular cylindrical object, therefore, characteristics of the valves are similar except that they have a larger pressure loss. Besides, their flux adjustment behavior is better than that of the ones with a diversion hole.

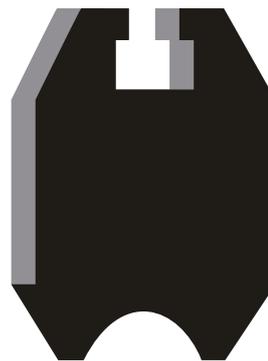


阀门开度—Cv特性曲线表  
Valve-opening—Cv characteristic graph

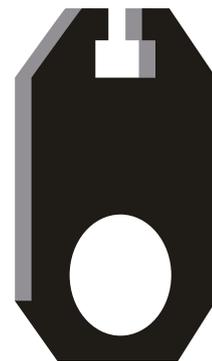
### ● 各类型闸板外形图 External Drawing of Different Types of Disc



普通型闸板  
Ordinary type

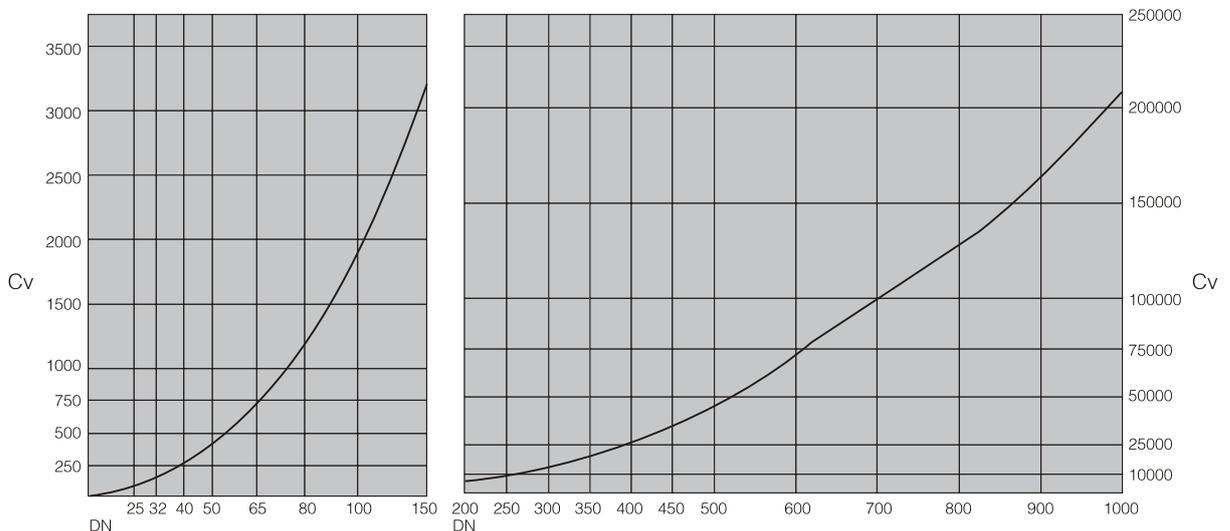


调节型闸板  
Adjustment type



带导流孔型闸板  
Type a diversion hole

### ● 带导流孔型平板闸阀的DN—Cv曲线图 DN—Cv Graph of Flat Valves with a Diversion Hole





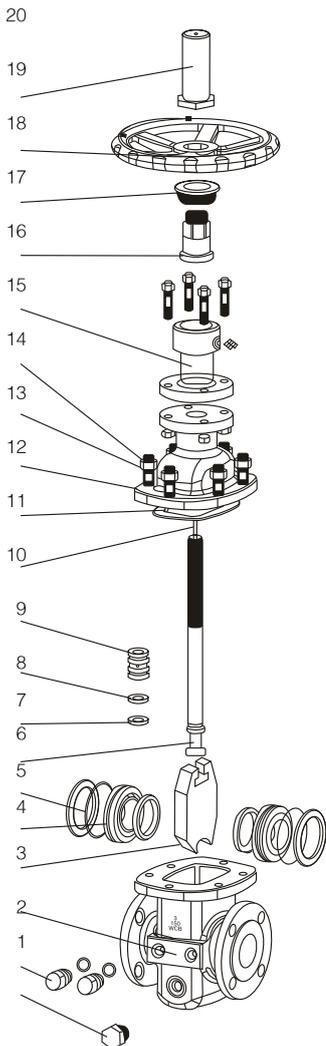
### ● 产品采用标准 Technical Specification

设计依据 Design reference		GB	API
设计标准 Design standard		JB/T5298 GB/T19672	API 6D ASME B16.34
结构长度 Structural length	法兰 Flanged	GB/T 12221 GB/T19672、JB/T 5298	API 6D ASME B16.10
	焊接 Welded connection	GB/T15188.1 GB/T19672	
连接法兰 Flanged ends		GB/T9113 JB/T 79	ASME B16.5 MSS SP44
对焊端 Butt-welding ends		GB/T 12224	ASME B16.25
试验和检验 Test & inspection		JB/T 9092	API 6D API 598

注：阀门连接法兰尺寸可根据用户要求设计制造。

Note: The sizes of valve connecting flange can be designed according to customers' requirement.

### ● 主要零件材料 Major Parts Material Form



序号 No.	零件名称 Accessory name	材料 Material			
		普通型 Ordinary type		抗硫型 Antisulphur type	
		GB	ASTM	GB	ASTM
1	排污堵头 Blowdown stops	25+Zn	A105+Zn	1Cr18Ni9	A276-304
2	注脂接头 Grease injection joint	25+Zn	A105+Zn	25+Zn	A105+Zn
3	阀体 Body	WCB	A216-WCB	WCB	A216-WCB
4	闸板 Disc	16Mn+ENP	A105+ENP	1Cr18Ni9	A276-304
5	阀座 Seat	16Mn+PTFE	A105+PTFE	1Cr18Ni9+PTFE	A276-304+PTFE
6	O形圈 O-Ring	NBR	NBR	FPM	FPM
7	阀杆 Stem	2Cr13	A276-420	1Cr18Ni9	A276-304
8	填料座 Packing seat	2Cr13	A276-420	2Cr13	A276-420
9	Y型圈 "Y" ring	NBR	NBR	FPM	FPM
10	密封套 Sealing shroud	2Cr13	A276-420	2Cr13	A276-420
11	指示杆 Indicating stem	1Cr18Ni9	A276-304	1Cr18Ni9	A276-304
12	垫片 Gasket	柔性石墨+1Cr18Ni9 Graphite+1Cr18Ni9	柔性石墨+304 Graphite+304	柔性石墨+1Cr18Ni9 Graphite+1Cr18Ni9	柔性石墨+304 Graphite+304
13	阀盖 Bonnet	WCB	A216-WCB	WCB	A216-WCB
14	螺柱 Stud	35CrMoA	A193-B7	35CrMoA	A193-B7
15	螺母 Nut	45	A194-2H	45	A194-2H
16	支架 Yoke	WCB	A216-WCB	WCB	A216-WCB
17	阀杆螺母 Stem nut	ZQA19-4	C95500	ZQA19-4	C95500
18	压盖 Gland	25	A105	25	A105
19	手轮 Hand wheel	25	A536-60-40-18	25	A536-60-40-18
20	指示罩 Indicating cover	1Cr18Ni9	A276-304	1Cr18Ni9	A276-304

注：阀门主要零部件材质可根据实际工况条件或用户特殊要求设计选用。

Notes: The major parts of the valves can be designed and selected according to actual work condition or customers' specific requirement.



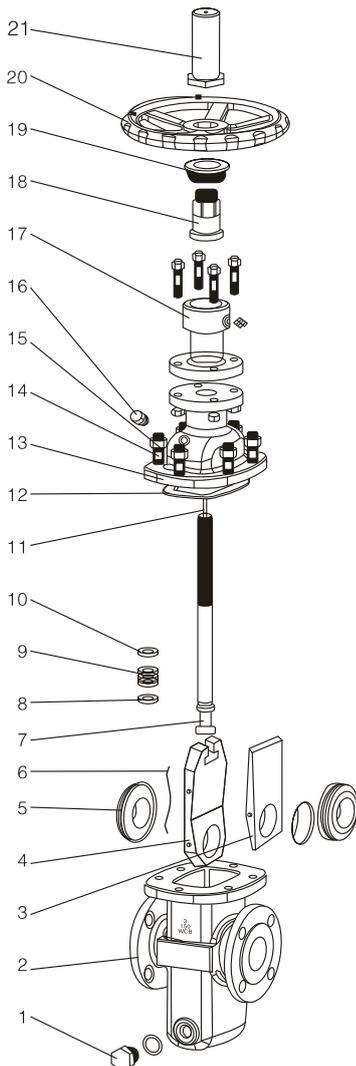
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	焊接 Welded connection	GB/T15188.1 GB/T19672	
连接法兰 Flanged ends		GB/T9113 JB/T 79	ASME B16.5 MSS SP44
对焊端 Butt-welding ends		GB/T 12224	ASME B16.25
试验和检验 Test & inspection		JB/T 9092	API 6D API 598

注：阀门连接法兰尺寸可根据用户要求设计制造。

Note: The sizes of valve connecting flange can be designed according to customers' requirement.

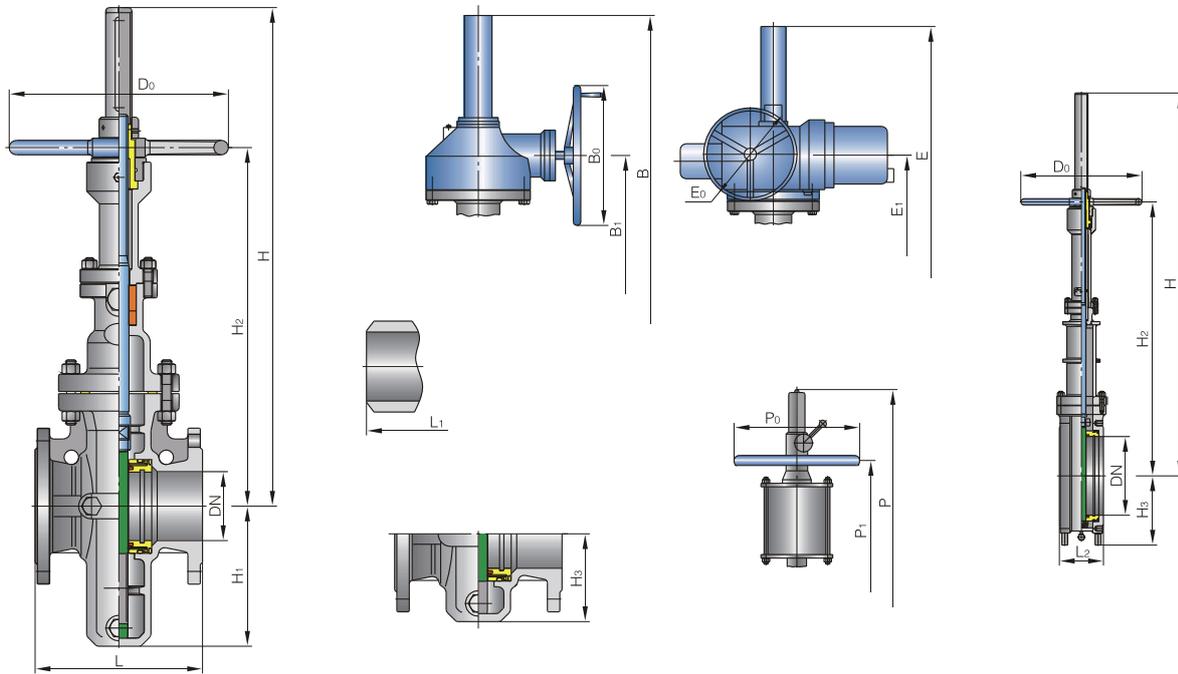
### ● 主要零件材料 Major Parts Material Form



序号 No.	零件名称 Accessory name	材料 Material			
		普通型 Ordinary type		抗硫型 Antisulphur type	
		GB	ASTM	GB	ASTM
1	排污堵头 Blowdown stops	25+Zn	A105+Zn	1Cr18Ni9	A276-304
2	阀体 Body	WCB	A216-WCB	WCB	A216-WCB
3	副闸板 Disc	16Mn+STL-6	A105+STL-6	1Cr18Ni9+STL-6	A276-304+STL-6
4	主闸板 Disc	16Mn+STL-6	A105+STL-6	1Cr18Ni9+STL-6	A276-304+STL-6
5	阀座 Seat	16Mn+STL-6	A105+STL-6	1Cr18Ni9+STL-6	A276-304+STL-6
6	弹簧 Spring	65Mn	Inconel X-750	1Cr18Ni9	A276-304
7	阀杆 Stem	2Cr13	A276-420	1Cr18Ni9	A276-304
8	填料座 Packing seat	2Cr13	A276-420	2Cr13	A276-420
9	填料 Packing	柔性石墨 Graphite	柔性石墨 Graphite	柔性石墨 Graphite	柔性石墨 Graphite
10	上填料 Up Packing	2Cr13	A276-420	2Cr13	A276-420
11	指示杆 Indicating stem	1Cr18Ni9	A276-304	1Cr18Ni9	A276-304
12	垫片 Gasket	柔性石墨+1Cr18Ni9 Graphite+1Cr18Ni9	柔性石墨+304 Graphite+304	柔性石墨+1Cr18Ni9 Graphite+1Cr18Ni9	柔性石墨+304 Graphite+304
13	阀盖 Bonnet	WCB	A216-WCB	WCB	A216-WCB
14	螺柱 Stud	35CrMoA	A193-B7	35CrMoA	A193-B7
15	螺母 Nut	45	A194-2H	45	A194-2H
16	泄压阀 Relief valve	45	A105	45	1045 A105
17	支架 Yoke	WCB	A216-WCB	WCB	A216-WCB
18	阀杆螺母 Stem nut	ZQA19-4	C95500	ZQA19-4	C95500
19	压盖 Gland	25	A105	25	A105
20	手轮 Hand wheel	25	A536-60-40-18	25	A536-60-40-18
21	指示罩 Indicating cover	1Cr18Ni9	A276-304	1Cr18Ni9	A276-304

注：阀门主要零部件材质可根据实际工况条件或用户特殊要求设计选用。

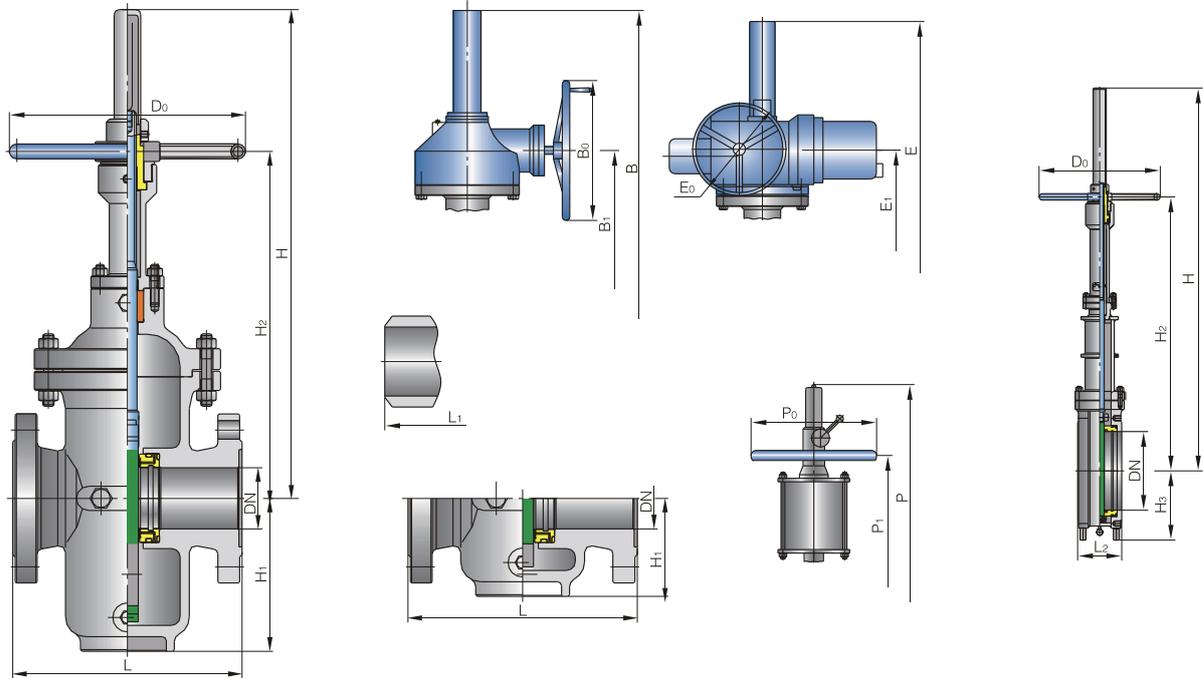
Notes: The major parts of the valves can be designed and selected according to actual work condition or customers' specific requirement.



### ●主要外形尺寸 Main Size of Outside

型号 Model: (K)Z5(6、9)4(6)3(4)W(P)(F、Y、D) PN1.6、2.5MPa PN2.0MPa API 6D Class150

DN (mm)	NPS (in)	法兰 Flange			轻型 Light-duty	手动 Hand-operated			齿动 Geared driving			齿动装置 Geared driving	气动 液动 Air-operating and Fluid driving			电动 Electric driving device			电动装置 Electric driving device	无导流孔 Non-diversion hole type	有导流孔 Diversion hole type
		L	L <sub>1</sub>	L <sub>2</sub>		H	H <sub>2</sub>	D <sub>0</sub>	B	B <sub>1</sub>	B <sub>0</sub>		P	P <sub>1</sub>	P <sub>0</sub>	E	E <sub>1</sub>	E <sub>0</sub>		H <sub>3</sub>	H <sub>1</sub>
25	1	127	127	-	360	250	180	-	-	-	-	-	-	-	-	-	-	-	60	85	
32	1¼	140	140	-	375	260	180	-	-	-	-	-	-	-	-	-	-	-	71	103	
40	1½	165	165	-	410	290	250	-	-	-	-	-	-	-	-	-	-	-	75	115	
50	2	178	216	108	450	315	250	-	-	-	-	525	430	250	-	-	-	-	85	122	
65	2½	190	241	112	550	420	300	-	-	-	-	648	560	300	-	-	-	-	91	154	
80	3	203	283	114	610	428	300	-	-	-	-	730	630	300	-	-	-	-	109	169	
100	4	229	305	127	700	494	300	770	650	310	BA-0	850	720	300	912	790	200	SMC-04	121	193	
150	6	267	403	140	895	625	350	965	800	310	BA-0	1120	920	350	1107	920	500	SMC-03	178	283	
200	8	292	419	152	1130	784	350	1200	960	310	BA-0	1430	1160	350	1390	1120	500	SMC-03	211	352	
250	10	330	457	165	1290	937	400	1360	1080	310	BA-0	1665	1380	400	1550	1250	500	SMC-03	215	440	
300	12	356	502	178	1480	1080	450	1560	1200	310	BA-0	1930	1550	450	1740	1400	305	SMC-00	245	514	
350	14	381	572	190	1660	1283	500	1740	1350	460	BA-1	2185	1750	450	1913	1550	305	SMC-00	280	602	
400	16	406	610	216	1850	1417	500	1930	1500	460	BA-1	2450	2000	500	2103	1620	305	SMC-00	310	678	
450	18	432	660	222	2080	1489	600	2160	1680	460	BA-1	2755	2250	500	2365	1830	305	SMC-0	346	785	
500	20	457	711	229	2300	1672	700	2420	1850	460	BA-1	3050	2450	600	2585	1980	305	SMC-0	363	855	
600	24	508	813	267	2680	2012	800	2800	2120	460	BA-2	3580	2900	800	2990	2300	305	SMC-1	442	1045	
700	28	610	914	292	3080	2250	800	3200	2450	460	BA-2	4130	3350	800	3390	2600	305	SMC-1	505	1190	
800	32	660	965	318	3491	2550	1000	3640	2800	460	BA-2	-	-	-	3850	2980	305	SMC-1	560	1350	
900	36	800	1016	330	3897	2850	1000	4050	3080	600	BA-3	-	-	-	4260	3200	458	SMC-2	610	1510	
1000	40	811	-	460	4317	3250	1200	4467	3400	600	BA-3	-	-	-	4677	3600	458	SMC-2	715	1715	
1050	42	1124	-	-	-	-	-	4650	3550	600	BA-3	-	-	-	4870	3790	458	SMC-2	785	1795	
1100	44	1219	-	-	-	-	-	4870	3700	620	BAA-3	-	-	-	5060	3950	610	SMC-3	867	1894	
1200	48	1264	-	-	-	-	-	5350	4100	620	BAA-3	-	-	-	5500	4250	610	SMC-3	993	2150	



### ● 主要外形尺寸 Main Size of Outside

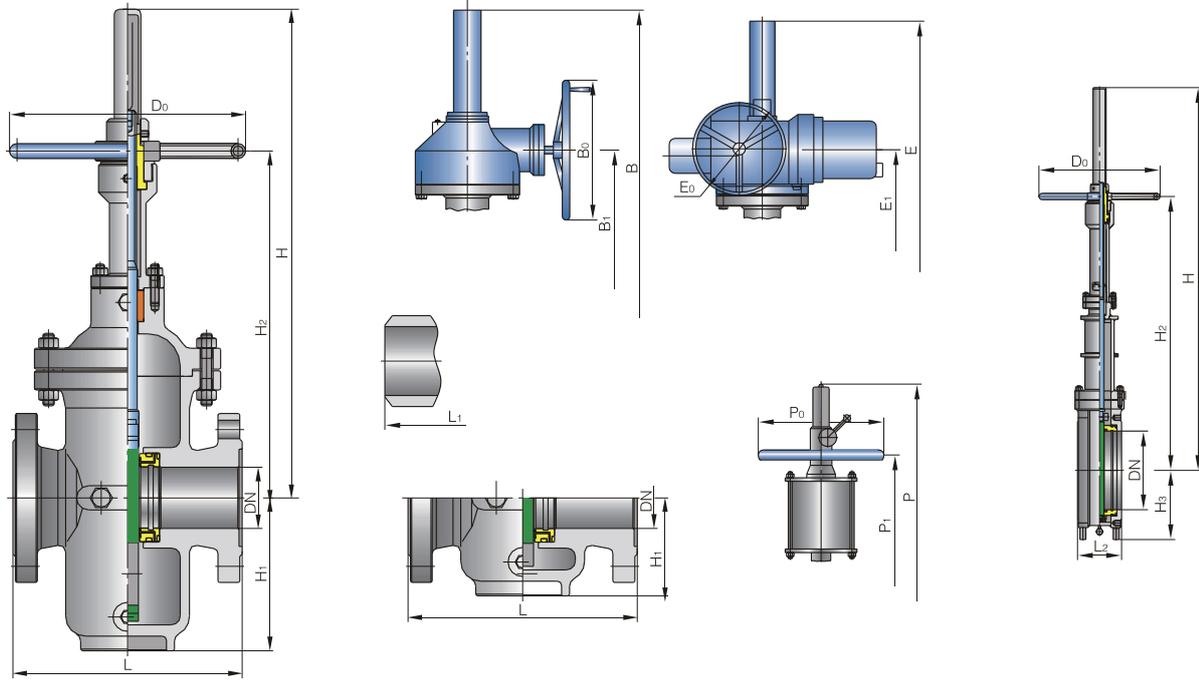
型号 Model: (K)Z5(6、9)4(6)3(4)W(P)(F、Y、D)

PN4.0MPa

PN5.0MPa

API 6D Class300

DN (mm)	NPS (in)	法兰 Flange		对焊 Butt welding L <sub>1</sub>	手动 Hand-operated			齿动 Geared driving			齿动装置 Geared driving	气动 液动 Air-operating and Fluid driving			电动 Electric driving device			电动装置 Electric driving device	无导流孔	有导流孔
		GB	API		H	H <sub>2</sub>	D <sub>0</sub>	B	B <sub>1</sub>	B <sub>0</sub>		P	P <sub>1</sub>	P <sub>0</sub>	E	E <sub>1</sub>	E <sub>0</sub>		Non-diversion hole type	Diversion hole type
25	1	165	165	165	370	260	180	-	-	-	-	-	-	-	-	-	-	-	70	90
32	1 1/4	178	178	178	385	270	180	-	-	-	-	-	-	-	-	-	-	-	80	115
40	1 1/2	190	190	190	420	300	250	-	-	-	-	-	-	-	-	-	-	-	85	130
50	2	216	216	216	458	325	250	-	-	-	-	533	435	200	-	-	-	-	100	137
65	2 1/2	241	241	241	555	420	300	-	-	-	-	653	565	200	-	-	-	-	106	169
80	3	283	283	283	615	430	300	-	-	-	-	735	635	250	-	-	-	-	124	184
100	4	305	305	305	710	500	300	770	650	310	BA-0	860	730	250	912	790	200	SMC-04	146	218
150	6	403	403	403	900	625	350	965	800	310	BA-0	1125	925	350	1155	960	500	SMC-03	206	311
200	8	419	419	419	1135	790	350	1200	960	310	BA-0	1435	1165	350	1390	1120	305	SMC-00	241	382
250	10	457	457	457	1401	1040	400	1360	1090	310	BA-0	1776	1450	400	1543	1240	305	SMC-00	303	476
300	12	502	502	502	1580	1150	450	1560	1200	310	BA-1	2030	1620	450	1745	1400	305	SMC-0	372	545
350	14	762	762	762	-	-	-	1740	1350	460	BA-1	2305	1900	500	1945	1580	305	SMC-0	405	645
400	16	838	838	838	-	-	-	1930	1540	460	BA-1	2558	2100	600	2135	1640	305	SMC-0	450	728
450	18	914	914	914	-	-	-	2160	1700	460	BA-1	2835	2320	700	2385	1840	305	SMC-1	490	800
500	20	991	991	991	-	-	-	2420	1850	460	BA-2	3120	2510	800	2660	2050	305	SMC-1	520	930
600	24	1143	1143	1143	-	-	-	2800	2120	460	BA-2	3670	2980	900	3010	2310	305	SMC-1	600	1100
700	28	1346	1346	1346	-	-	-	3200	2460	460	BA-2	-	-	-	3480	2680	458	SMC-2	665	1260
800	32	1524	1524	1524	-	-	-	3640	2800	460	BA-2	-	-	-	3890	3020	458	SMC-2	720	1420
900	36	1727	1727	1727	-	-	-	4050	3080	600	BA-3	-	-	-	4260	3200	458	SMC-2	820	1580
1000	40	1880	1880	1880	-	-	-	4467	3400	600	BA-3	-	-	-	4677	3600	458	SMC-2	950	1720
1050	42	1981	1981	1981	-	-	-	4650	3550	600	BA-3	-	-	-	4870	3790	610	SMC-3	1070	1800



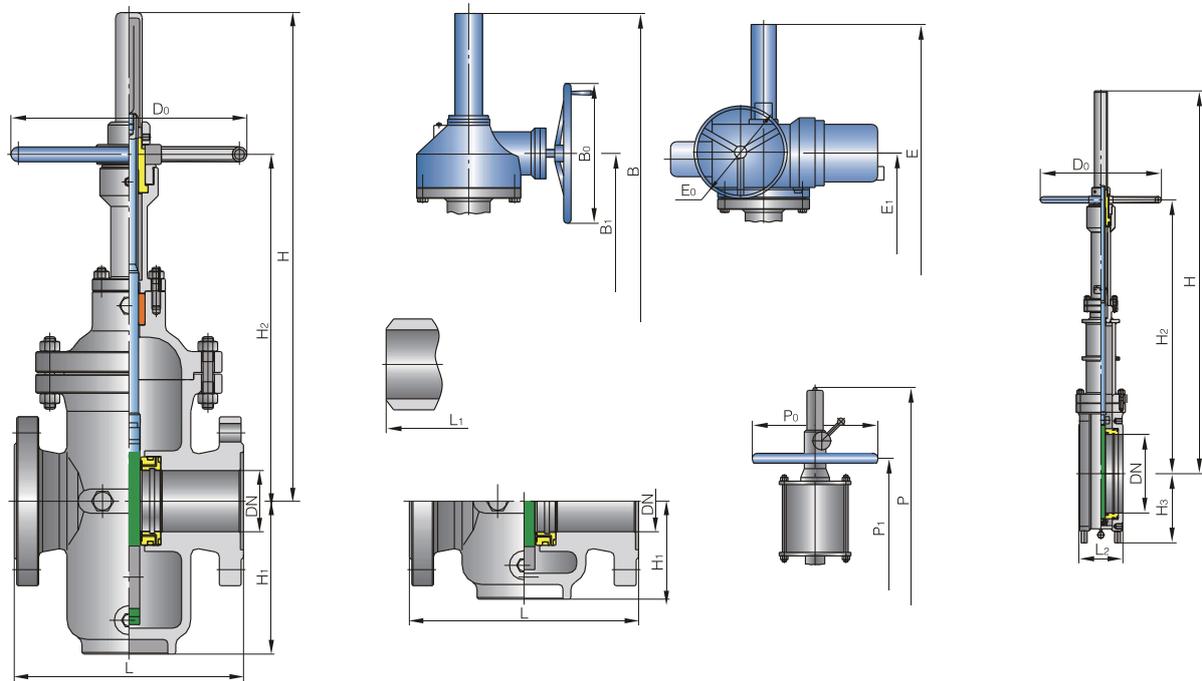
### ● 主要外形尺寸 Main Size of Outside

型号 Model: (K)Z5(6、9)4(6)3(4)W(F、Y、D)

PN6.4MPa

API 6D Class400

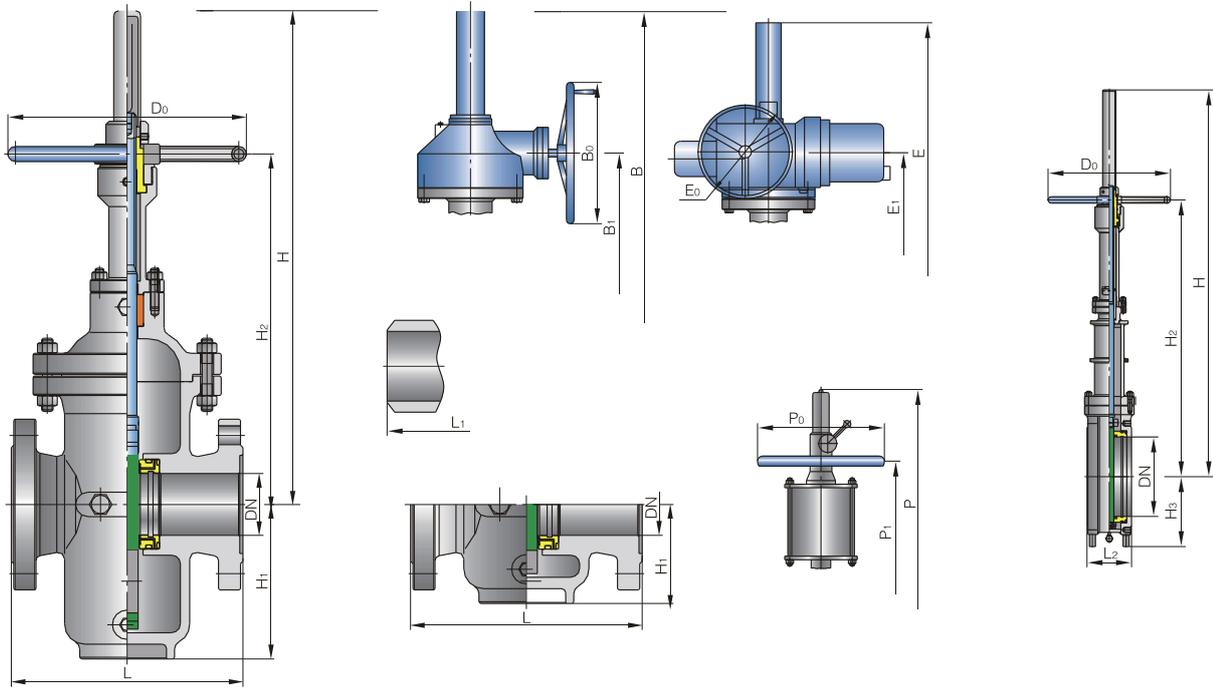
DN (mm)	NPS (in)	法兰 Flange		对焊 Butt welding L <sub>1</sub>	手动 Hand-operated			齿动 Geared driving			齿动装置 Geared driving BA-0	气动 液动 Air-operating and Fluid driving			电 动 Electric driving device			电动装置 Electric driving device SMC-04	无导流孔 Non-diversion hole type H <sub>3</sub>	有导流孔 Diversion hole type H <sub>1</sub>
		GB	API		L	H	H <sub>2</sub>	D <sub>0</sub>	B	B <sub>1</sub>		B <sub>0</sub>	P	P <sub>1</sub>	P <sub>0</sub>	E	E <sub>1</sub>			
50	2	216	292	292	458	325	300	505	430	310	BA-0	533	435	200	647	560	200	SMC-04	108	158
65	2 1/2	241	330	330	555	420	300	560	470	310	BA-0	653	565	200	702	610	200	SMC-04	125	190
80	3	283	356	356	615	430	350	610	510	310	BA-0	735	635	250	752	650	500	SMC-03	145	225
100	4	305	406	406	710	500	350	770	650	310	BA-0	860	730	250	912	790	500	SMC-03	165	255
150	6	403	495	495	900	625	400	965	800	310	BA-0	1125	925	350	1138	950	305	SMC-00	220	330
200	8	419	597	597	1135	790	500	1200	960	310	BA-0	1435	1165	350	1373	1100	305	SMC-00	280	410
250	10	457	673	673	1401	1040	500	1370	1090	460	BA-1	1776	1450	400	1575	1280	305	SMC-0	303	490
300	12	502	762	762	1580	1150	600	1560	1200	460	BA-1	2030	1620	450	1725	1390	305	SMC-0	372	570
350	14	762	826	826	-	-	-	1740	1350	460	BA-1	2305	1900	500	1930	1570	305	SMC-1	405	650
400	16	838	902	902	-	-	-	1970	1540	460	BA-2	2558	2100	600	2210	1700	305	SMC-1	450	735
450	18	914	978	978	-	-	-	2260	1700	460	BA-2	2835	2320	700	2500	1940	305	SMC-1	490	810
500	20	991	1054	1054	-	-	-	2420	1850	460	BA-2	3120	2510	800	2630	2020	458	SMC-2	520	935
600	24	1143	1232	1232	-	-	-	2800	2120	600	BA-3	-	-	-	3050	2350	458	SMC-2	600	1170
700	28	1346	1397	1397	-	-	-	3230	2460	600	BA-3	-	-	-	3480	2680	458	SMC-2	665	1330
800	32	1524	1524	1524	-	-	-	3640	2800	600	BA-3	-	-	-	3890	3020	458	SMC-2	720	1420
900	36	1727	1727	1727	-	-	-	4050	3080	600	BA-3	-	-	-	4260	3200	458	SMC-2	820	1580
1050	40	1880	1880	1880	-	-	-	4467	3400	600	BA-3	-	-	-	4677	3600	610	SMC-3	950	1720
1100	42	1981	1981	1981	-	-	-	4650	3550	600	BAA-3	-	-	-	4870	3790	610	SMC-3	1070	1800



### ● 主要外形尺寸 Main Size of Outside

型号 Model: (K)Z5(6、9)4(6)3(4)W(F、Y、D)      PN10.0MPa      API 6D Class600

DN (mm)	NPS (in)	法兰 Flange		对焊 Butt welding	手动 Hand-operated			齿 动 Geared driving			齿动装置 Geared driving	气动 液动 Air-operating and Fluid driving			电 动 Electric driving device			电动装置 Electric driving device	无导流孔 Non-diversion hole type	有导流孔 Diversion hole type
		L	L		H	H <sub>2</sub>	D <sub>0</sub>	B	B <sub>1</sub>	B <sub>0</sub>		P	P <sub>1</sub>	P <sub>0</sub>	E	E <sub>1</sub>	E <sub>0</sub>			
50	2	292	292	292	468	335	300	505	430	310	BA-0	543	445	200	647	560	200	SMC-04	108	158
65	2 1/2	330	330	330	565	430	300	560	470	310	BA-0	663	570	200	702	610	200	SMC-04	125	190
80	3	356	356	356	625	440	350	610	510	310	BA-0	745	640	250	752	650	500	SMC-03	145	225
100	4	432	432	432	720	510	350	770	650	310	BA-0	870	740	250	950	820	500	SMC-03	165	255
150	6	559	559	559	910	630	400	965	800	310	BA-0	1135	930	350	1138	950	305	SMC-0	220	330
200	8	660	660	660	1145	800	500	1200	960	310	BA-1	1445	1170	350	1403	1130	305	SMC-0	280	410
250	10	787	787	787	1411	1050	500	1370	1090	460	BA-1	1786	1460	400	1575	1280	305	SMC-0	330	490
300	12	838	838	838	1590	1160	600	1560	1200	460	BA-1	2040	1630	450	1750	1410	305	SMC-1	380	570
350	14	889	889	889	-	-	-	1740	1350	460	BA-2	-	-	-	1930	1570	305	SMC-1	430	650
400	16	991	991	991	-	-	-	1970	1540	460	BA-2	-	-	-	2210	1700	305	SMC-1	480	735
450	18	1092	1092	1092	-	-	-	2260	1700	460	BA-2	-	-	-	2500	1940	458	SMC-2	530	810
500	20	1194	1194	1194	-	-	-	2420	1850	460	BA-2	-	-	-	2630	2020	458	SMC-2	580	905
550	22	1295	1295	1295	-	-	-	2685	2010	600	BA-3	-	-	-	2840	2240	610	SMC-3	640	1075
600	24	1397	1397	1397	-	-	-	2985	2190	600	BA-3	-	-	-	3100	2450	610	SMC-3	700	1160
650	26	1448	1448	1448	-	-	-	3160	2390	600	BA-3	-	-	-	3310	2610	610	SMC-3	760	1220
700	28	1549	1549	1549	-	-	-	3350	2550	600	BA-3	-	-	-	3500	2740	610	SMC-3	830	1330
750	30	1651	1651	1651	-	-	-	3470	2680	600	BAA-3	-	-	-	3690	2890	610	SMC-3	900	1415
800	32	1778	1778	1778	-	-	-	3880	2910	600	BAA-3	-	-	-	3900	3050	610	SMC-3	-	1540
900	36	2083	2083	2083	-	-	-	4250	3115	620	BAA-4	-	-	-	4330	3380	610	SMC-4	-	1650
1000	40	2150	2150	2150	-	-	-	4580	3395	620	BAA-4	-	-	-	4760	3710	610	SMC-4	-	1760
1050	42	2300	2300	2300	-	-	-	4885	3655	620	BAA-4	-	-	-	4970	3860	760	SMC-5	-	1840



### ● 主要外形尺寸 Main Size of Outside

型号 Model: (K)Z5(6、9)4(6)3(4)W(F、Y、D)    PN16.0MPa    API 6D Class900

DN (mm)	NPS (in)	法兰 Flange		对焊 Butt welding L <sub>1</sub>	手动 Hand-operated			齿 动 Geared driving			齿动装置 Geared driving	气动 液动 Air-operating and Fluid driving			电 动 Electric driving device			电动装置 Electric driving device	无导流孔 Non-diversion hole type H <sub>3</sub>	有导流孔 Diversion hole type H <sub>1</sub>
		GB	API		H	H <sub>2</sub>	D <sub>0</sub>	B	B <sub>1</sub>	B <sub>0</sub>		P	P <sub>1</sub>	P <sub>0</sub>	E	E <sub>1</sub>	E <sub>0</sub>			
50	2	368	368	368	473	335	300	525	450	310	BA-0	548	450	250	647	560	500	SMC-03	108	158
65	2 1/2	419	419	419	570	435	300	585	490	310	BA-0	668	580	300	702	610	500	SMC-03	125	190
80	3	381	381	381	630	445	350	635	530	310	BA-0	750	650	350	752	650	305	SMC-00	145	225
100	4	457	457	457	725	515	350	800	680	310	BA-0	875	745	400	950	820	305	SMC-00	165	255
150	6	610	610	610	915	640	400	995	830	310	BA-1	1140	940	500	1138	950	305	SMC-0	220	330
200	8	737	737	737	1150	800	500	1250	1000	460	BA-1	1450	1180	550	1403	1130	305	SMC-0	280	410
250	10	838	838	838	1416	1055	500	1420	1140	460	BA-1	1791	1465	600	1575	1280	305	SMC-1	330	490
300	12	965	965	965	1595	1165	600	1600	1230	460	BA-2	2045	1635	700	1750	1410	305	SMC-1	380	570
350	14	1029	1029	1029	-	-	-	1890	1450	460	BA-2	-	-	-	1930	1570	305	SMC-1	-	690
400	16	1130	1130	1130	-	-	-	2175	1660	600	BA-3	-	-	-	2210	1700	458	SMC-2	-	800
450	18	1219	1219	1219	-	-	-	2355	1800	600	BA-3	-	-	-	2500	1940	458	SMC-2	-	890
500	20	1321	1321	1321	-	-	-	2520	1920	600	BA-3	-	-	-	2630	2020	610	SMC-3	-	985
600	24	1549	1549	1549	-	-	-	3050	2240	620	BA-4	-	-	-	3100	2450	610	SMC-3	-	1150