

METALLURGICAL VALVE SERIES 冶金阀门系列

为各领域提供全套阀门解决方案！

聚焦客户关注的挑战和压力,提供有竞争力的工程产品和高品质的工程服务,持续为客户创造最大价值。

平板闸阀的主要特点The main features of plate gate valve

- 1、本公司引进国外平板闸阀的先进技术，进行了重大的改进，其结构合理，密封可靠，维护方便。
- 2、闸板、阀座经特殊工艺处理、喷焊硬质合金，聚四氟乙烯，实现双重密封。并可注油脂辅助密封双重保护，密封更可靠，使用寿命更长。
- 3、本阀独有三重可调式填料结构，确保与阀盖、阀杆密封可靠。法兰连接尺寸按JB/T79，亦可根据客户要求指定标准生产。
- 4、有导流孔平板闸阀用于需通球清管的管线，无导流孔的平板闸阀用于不需通球清管的管线上。
- 5、阀门阀体内腔内压力升高时，阀座可自动退让泄掉过高的压力。
- 6、本阀传动机构确保阀门启闭灵活，其启闭力矩仅为普通阀门的 1/3 ~ 1/2。
- 7、气动闸阀启、闭迅速，带缓冲机构，开闭无冲击，气动、手动转换结构新颖、操作灵活、方便可靠。
- 8、调节型平板闸阀适用于泵、站出口及其它需调节介质的管路上，调节和截断介质。
- 9、本阀可广泛适用于天然气、石油、化工、环保等输送管线、放空系统和油、汽储存装置上，用作启闭设备。
- 10、本公司同时还生产调节型等特殊要求的平板闸阀。
- 11、电动平板闸阀一般选用扬州电力修造厂或天津二通的电动头，也可根据用户需要选配英国罗括克Rotork(IQ)系列、德国欧玛Aul(SA系列)或由客户在国内选配任何厂家的电动头。

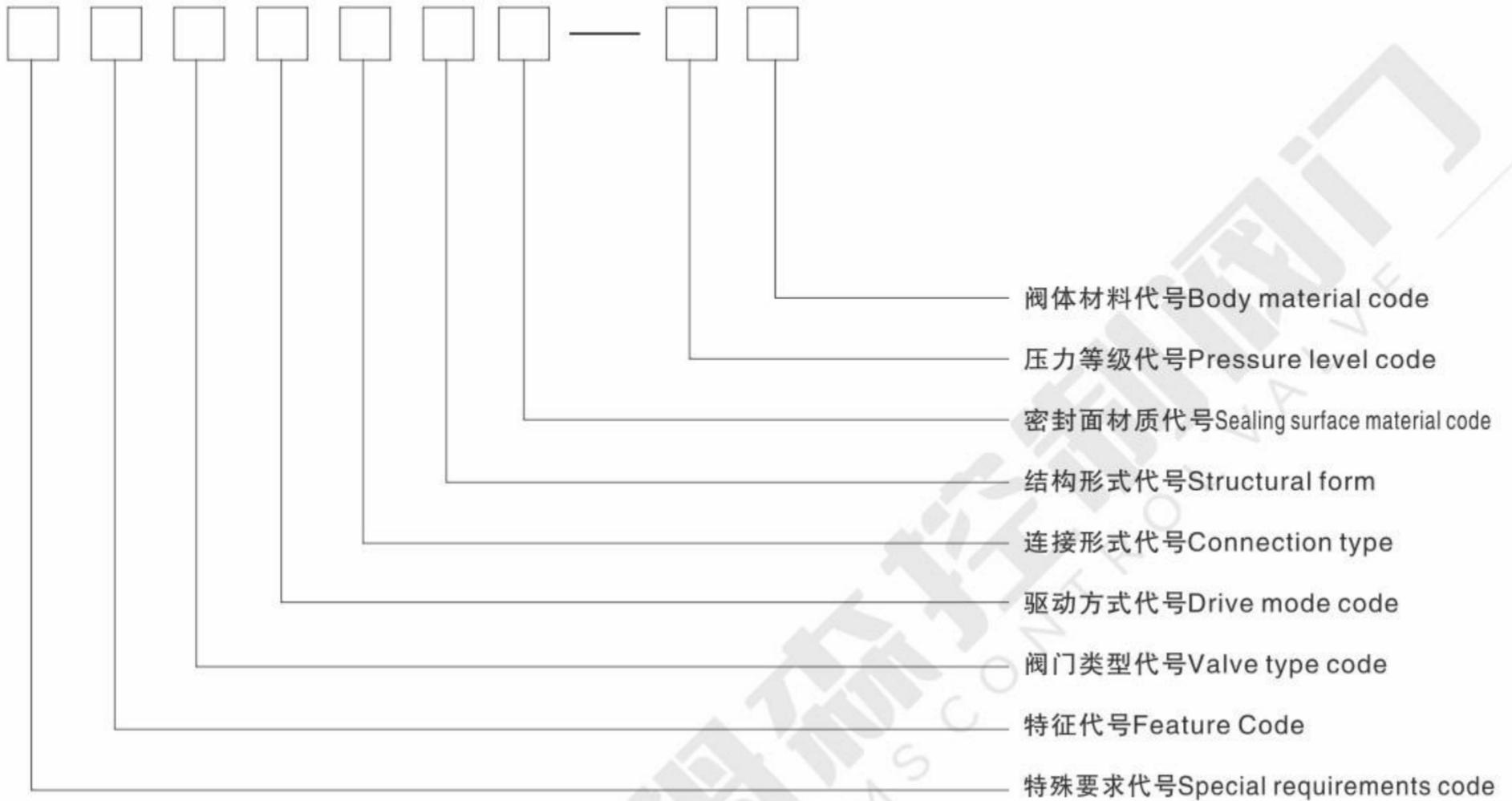
1. This company introduces the overseas plate gate valve's vanguard technology, has made the significant improvement, its structure is reasonable, the seal is reliable, maintains conveniently.
2. The damper plate, the valve seat after special craft processing, spurt weld the hard alloy, the PTFE, realizes the dual seals. And may pour the fat auxiliary seal dual protections, the seal is more reliable, the service life is longer.
3. This valve is in sole possession of the tertiary zoom type padding structure, guaranteed that with the valve cover, the valve lever seal is reliable. The flange connection size presses JB/T79, may also request according to the customer to assign the standard production.
4. Has the conduction current hole plate gate valve to use in being probable to pass the ball clear tube's pipeline, the non-conduction current hole's plate gate valve uses in not being probable to pass on the ball clear tube's pipeline.
5. When the valve, body cavity internal pressure elevates, the valve seat may make concessions to release the high pressure automatically.
6. This valve transmission system guaranteed that the valve opens shuts nimbly, it opens shuts the moment of force is only the ordinary valve 1/3~1/2.
7. The air operated gate valve opens, shuts rapidly, brings the buffer gear, the make and break not to have the impact, air operated, the manual transformation structure is novel, operation nimble, convenient reliable.
8. The adjustment plate gate valve is suitable for the pump, the station export and other must the control agent on the pipeline, adjustment and interruption medium.
9. This valve may widely be suitable for the natural gas, the petroleum, the chemical industry, the environmental protection and so on transports the pipeline, to blow off the system and the oil, in the steam storage device, serves as opens shuts the equipment.
10. This company simultaneously also produces the adjustment and so on special request the plate gate valve.
11. The electrically operated plate gate valve selects the Yangzhou Electric power Repair shop or the Tianjin two electricity generally initiates, may also choose and match British Luo Kuoke according to the user need the Rotork(IQ) series, Germany Ou Ma Aul (theSA series) or initiates by the customer in the domestic match any factory electricity

主要零件材料Main parts material

| 零件名称 Part name | 材料Material | | | |
|------------------------------------|--|--|--------------------|---------------------------|
| 阀体阀盖 Body cover | WCB | I | CF8、CF8MCF3、CF3M | 抗硫WCB |
| 闸板Gate | 不锈钢板、合金板 (表面经特殊处理或焊接硬质合金) Stainless steel plate, alloy plate (a special treated surface or welding carbide) | 40Cr (密封面焊硬质合金) Welding carbide seal surface) | 304L、316L | WCB+STL |
| 阀座 (密封面) Seat (sealing surface) | 橡胶、氟塑料、不锈钢、渗氮钢、硬质合金Rubber, fluorine plastic, stainless steel, nitrating steel cemented carbide | | | |
| 阀杆Stem | 不锈钢Stainless steel | 318钢Steel | 318钢Steel | 318钢Steel |
| 阀杆螺母 Stem nut | 铝青铜Aluminum bronze | | | |
| 填料Packing | 膨胀石墨Expanded Graphite | 增强氟塑Enhance the fluorine | 聚四氟乙烯PTFE | F4、氟橡胶 Fluorine rubber |
| O形密封圈O-ring | 丁腈橡胶NBR | 丁腈橡胶NBR | 氟橡胶Fluorine rubber | 氟橡胶 Fluorine rubber |

性能规范和压力试验Performance specifications and pressure test

| 压力等级 Pressure rating | 常温下试验压力Under normal temperature test pressure (MPa) | | | | 工作压力 Working pressure (MPa) | 适用温度 Applicable temperature (°C) | 适用介质Applicable medium | |
|------------------------------|---|-------------------|-----------------------|---------------------------|----------------------------------|---------------------------------------|-------------------------|--|
| | 液体密封 Fluid sealing | 气体密封 Gas seals | 液体壳体 Fluid sealing | 低压密封 Low pressure seal | | | 抗硫型 Anti-sulfur | 基本型 Basic |
| 公称压力 (MPa) | 1.6 | 1.76 | 1.76 | 2.4 | 气体gas 0.5 ~ 0.7 | 通用型 Universal -29 ~ 121 | 含H2S和Co2≤ 800mg/Nm介质 | 非腐蚀性 石油、天 然气、水等 Non-corrosive oil, gas, water, etc. |
| | 2.5 | 2.75 | 2.75 | 2.75 | | | | |
| | 4.0 | 4.4 | 4.4 | 6 | | | | |
| | 6.4 | 7.04 | 7.04 | 9.6 | | | | |
| | 10.0 | 11 | 11 | 15 | | | | |
| | 16.0 | 17.6 | 17.6 | 24 | | | | |
| | 25.0 | 27.5 | 27.5 | 37.5 | | | | |
| 磅级 Pound class (Lb) | 150 | 2.3 | 2.3 | 3.1 | D型 -46 ~ 121 | G型 -29 ~ 250 | | |
| | 300 | 5.52 | 5.52 | 7.58 | | | | |
| | 400 | 7.31 | 7.31 | 10.0 | | | | |
| | 600 | 11.03 | 11.03 | 15.0 | | | | |
| | 900 | 16.54 | 16.54 | 22.4 | | | | |



特殊要求代号：K抗硫型 Special request code: K- anti-sulfur

特征代号：W无导流孔 D带导流孔 G高压型 ZB自动补偿

Feature Code: W- Without bank guiding hole D- With bank guiding hole G- High pressure ZB- Automatic compensation

阀门类型代号：PZ平板闸阀

Valve Type Code: PZ-plate gate valve

驱动方式代号：手轮传动省略 5伞齿轮传动 6气动 9电动（手动传动略）

Drive mode code: Hand wheel drive omitted 5- Bevel gear 6- Pneumatic 9- Electric (manual transmission abbreviated)

连接形式代号：4法兰连接 6对焊连接 7对夹连接 8卡箍

Connection Type code: 4- Flange connection) 6- Welded connection 7- On the wafer 8- Clamp

结构形式代号：3明杆平行式单闸板 4明杆平板式双闸板

Structural form: 3- Ming bar parallel single gate 4- Rising stem slab double plate

密封面材质代号：Y硬质合金 H合金钢 D渗氮钢 F增强聚四氟乙烯 X橡胶 W阀体直接加工

Sealing surface material code: Y-carbide H-alloy steel D-nitride steel F-PTFE X-Rubber W-Body direct process

压力等级代号：公称压力MPa的10倍、磅级为实数

Pressure rating code: Nominal pressure MPa 10 times, pound class is a real number

阀体材料代号：C-WCB(PN≥2.5MPa可省略) I-WC6、ZG1Cr5Mo V-WC9、ZG20CrMoV P-CF8、ZG1Cr18Ni9Ti

Body Material Code: C-WCB (PN ≥ 2.5MPa can be omitted)

R-CF8M、ZG1Cr18Ni12Mo2Ti S-CF3 L-CF3M F-LCB N-LC3

例1：WPZ544Y-16C

表示公称压力为1.6MPa、伞齿轮传动、法兰连接、无导流孔、明杆平行式双闸板平板闸阀，阀体材料为WCB,密封面材料为硬质合金。

Said nominal pressure 1.6MPa, bevel gear, flange connection, without diversion hole, outshot Parallel Double plate gate valve, valve body material WCB, sealing surface material is cemented carbide.

例2:DPZ943Y-150P

表示压力等级为Class 150、电动、法兰连接、有导流孔、明杆平行式单闸板平板闸阀，阀体材料为CF8,密封面材质合金。

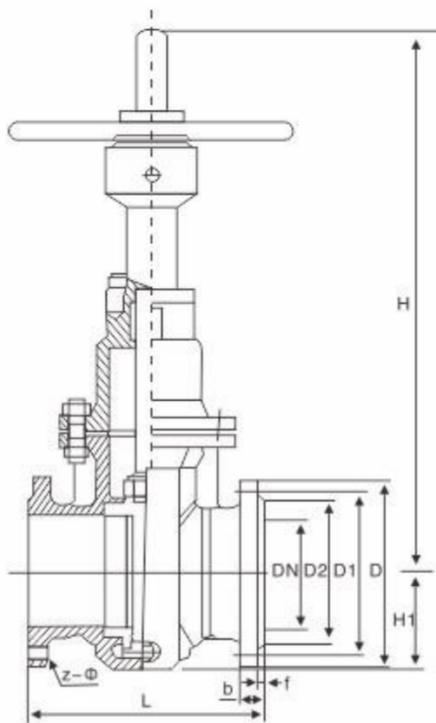
The pressure rating of Class 150, Electric, flange connection, a deflector, clear single-pole parallel plate gate valve, the valve body material is Cf8, sealing surface material alloy.

手动导流孔平板闸阀

Manual flat gate valve without bank guiding hole

型号model: (K)WPZ43F、(K)WPZ44F

PN1.6 ~ 10.0MPa

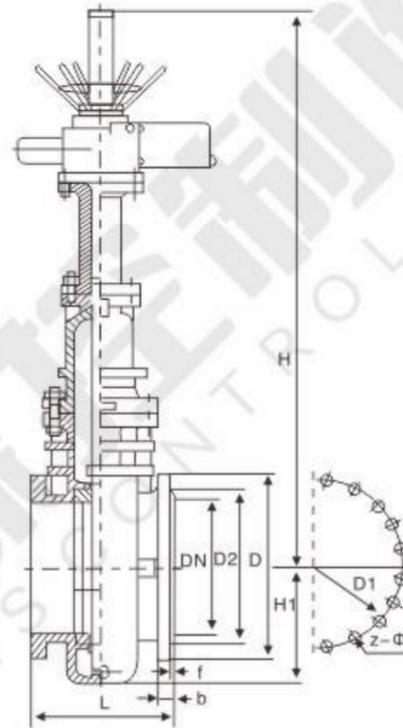


电动无导流孔平板闸阀

Electric flat gate valve without bank guiding hole

型号model: (K)WPZ943F、(K)WPZ944F

PN1.6 ~ 10.0MPa

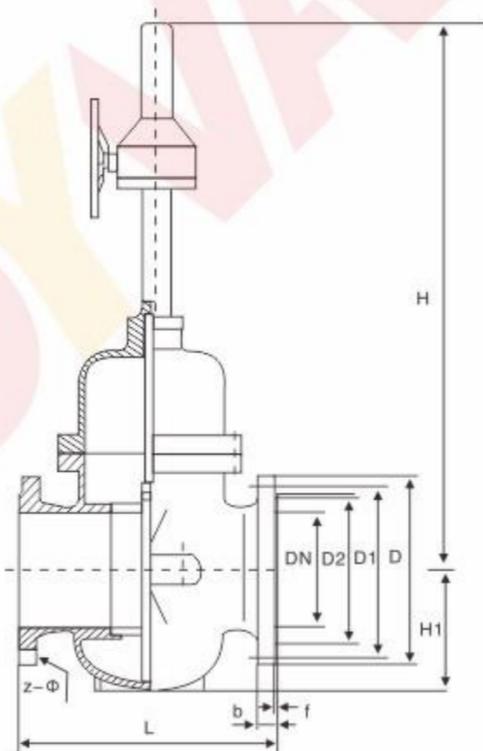


锥齿轮传动无导流孔平板闸阀

Bevel gear transmission flat gate valve without bank guiding hole

型号model: (K)WPZ543F、(K)WPZ544F

PN1.6 ~ 10.0MPa

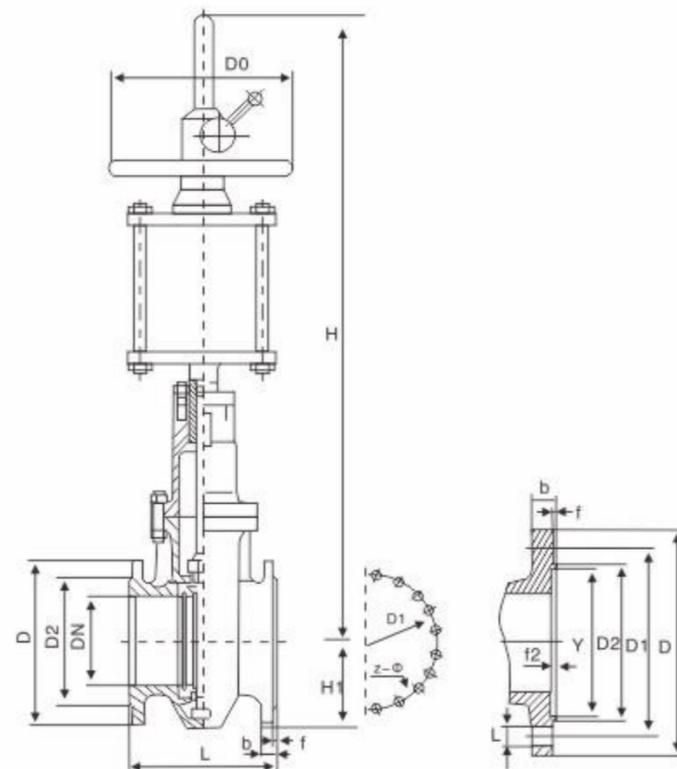


气动无导流孔平板闸阀

Pneumatic flat gate valve without bank guiding hole

型号model: (K)WPZ643F、(K)WPZ644F

PN1.6 ~ 10.0MPa



主要外形尺寸及连接尺寸 Main external and connection dimension (JB/T79.1-1994)

| 公称压力 PN(MPa) | 公称通径 DN(mm) | 尺寸 Size (mm) | | | | | | | | | |
|-----------------|----------------|----------------|------|------|-------|-----|----|------|------|-------|-------|
| | | L | D | D1 | D2 | D0 | f | b | H | H1 | Z-Φ |
| 1.6 | 50 | 178 | 160 | 125 | 100 | 250 | 3 | 16 | 584 | 80 | 4-18 |
| | 65 | 190 | 180 | 145 | 120 | 250 | 3 | 18 | 634 | 95 | 4-18 |
| | 80 | 203 | 195 | 160 | 135 | 250 | 3 | 20 | 688 | 100 | 8-18 |
| | 100 | 229 | 215 | 180 | 155 | 300 | 3 | 20 | 863 | 114 | 8-18 |
| | 125 | 254 | 245 | 210 | 185 | 350 | 3 | 22 | 940 | 132 | 8-18 |
| | 150 | 267 | 280 | 240 | 210 | 350 | 3 | 24 | 1030 | 150 | 8-23 |
| | 200 | 292 | 335 | 295 | 265 | 350 | 3 | 26 | 1277 | 168 | 12-23 |
| | 250 | 330 | 405 | 355 | 320 | 400 | 3 | 30 | 1491 | 203 | 12-25 |
| | 300 | 356 | 460 | 410 | 375 | 450 | 4 | 30 | 1701 | 237 | 12-25 |
| | 350 | 381 | 520 | 470 | 435 | 500 | 4 | 34 | 1875 | 265 | 16-25 |
| | 400 | 406 | 580 | 525 | 485 | 305 | 4 | 36 | 2180 | 300 | 16-30 |
| | 450 | 432 | 640 | 585 | 545 | 305 | 4 | 40 | 2440 | 325 | 20-30 |
| | 500 | 457 | 705 | 650 | 608.3 | 305 | 4 | 44 | 2860 | 360 | 20-34 |
| | 600 | 508 | 840 | 770 | 718 | 305 | 5 | 48 | 3450 | 425 | 20-41 |
| | 700 | 610 | 910 | 840 | 788 | 305 | 5 | 50 | 3960 | 460 | 24-41 |
| | 800 | 660 | 1020 | 950 | 898 | 305 | 5 | 52 | 4550 | 512 | 24-41 |
| 900 | 711 | 1120 | 1050 | 998 | | 5 | 54 | 5250 | 565 | 28-41 | |
| 1000 | 811 | 1255 | 1170 | 110 | | 5 | 56 | 5870 | 630 | 28-48 | |
| 2.5 | 50 | 178 | 160 | 125 | 100 | 250 | 3 | 20 | 584 | 80 | 4-18 |
| | 65 | 190 | 180 | 145 | 120 | 250 | 3 | 22 | 634 | 95 | 8-18 |
| | 80 | 203 | 195 | 160 | 135 | 250 | 3 | 22 | 688 | 100 | 8-18 |
| | 100 | 229 | 230 | 190 | 160 | 300 | 3 | 24 | 863 | 114 | 8-23 |
| | 125 | 254 | 270 | 220 | 188 | 350 | 3 | 28 | 940 | 132 | 8-25 |
| | 150 | 267 | 300 | 250 | 218 | 350 | 3 | 30 | 1030 | 150 | 8-25 |
| | 200 | 292 | 360 | 310 | 278 | 350 | 3 | 34 | 1277 | 168 | 12-25 |
| | 250 | 330 | 425 | 370 | 332 | 400 | 3 | 36 | 1491 | 203 | 12-30 |
| | 300 | 356 | 485 | 430 | 390 | 450 | 4 | 40 | 1701 | 237 | 16-30 |
| | 350 | 381 | 550 | 490 | 448 | 500 | 4 | 44 | 1875 | 265 | 16-34 |
| | 400 | 406 | 610 | 550 | 505 | 305 | 4 | 48 | 2180 | 300 | 16-34 |
| | 450 | 432 | 660 | 600 | 555 | 305 | 4 | 50 | 2440 | 325 | 20-34 |
| | 500 | 457 | 730 | 660 | 610 | 305 | 4 | 52 | 2860 | 360 | 20-41 |
| | 600 | 508 | 840 | 770 | 718 | 305 | 5 | 56 | 3450 | 425 | 20-41 |
| | 700 | 610 | 955 | 875 | 815 | 305 | 5 | 60 | 3960 | 460 | 24-48 |
| | 800 | 660 | 1070 | 990 | 930 | 305 | 5 | 64 | 4550 | 512 | 24-48 |
| 900 | 711 | 1180 | 1090 | 1025 | | 5 | 66 | 5250 | 595 | 28-54 | |
| 1000 | 811 | 1305 | 1210 | 1140 | | 5 | 68 | 5870 | 660 | 28-58 | |

主要外形尺寸及连接尺寸 Main external and connection dimension (JB/T79.2-1994)

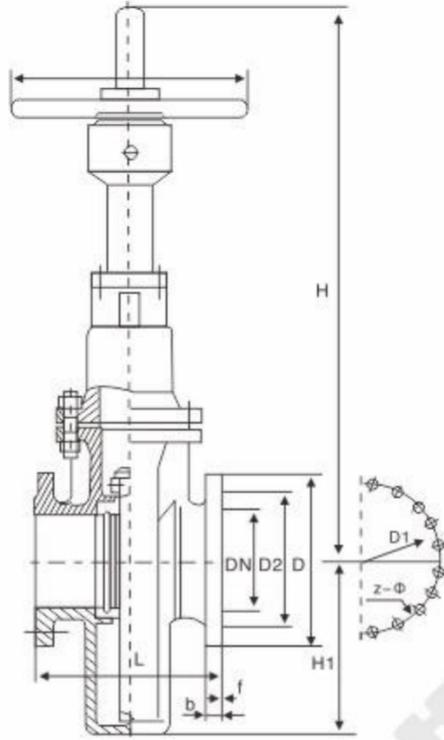
| 公称压力 PN(MPa) | 公称通径 DN(mm) | 尺寸 Size (mm) | | | | | | | | | | | |
|-----------------|----------------|----------------|------|-----|-----|-----|-----|---|-----|------|------|-------|-------|
| | | L | D | D1 | D2 | Y | D0 | f | f2 | b | H | H1 | Z-Φ |
| 4.0 | 50 | 250 | 160 | 125 | 100 | 88 | 250 | 3 | 4 | 20 | 584 | 80 | 4-18 |
| | 65 | 280 | 180 | 145 | 120 | 110 | 250 | 3 | 4 | 22 | 634 | 95 | 8-18 |
| | 80 | 310 | 195 | 160 | 135 | 121 | 250 | 3 | 4 | 22 | 679 | 102 | 8-18 |
| | 100 | 350 | 230 | 190 | 160 | 150 | 300 | 3 | 4.5 | 24 | 863 | 115 | 8-23 |
| | 125 | 400 | 270 | 220 | 188 | 176 | 350 | 3 | 4.5 | 28 | 940 | 133 | 8-25 |
| | 150 | 450 | 300 | 250 | 218 | 204 | 350 | 3 | 4.5 | 30 | 1040 | 152 | 8-25 |
| | 200 | 550 | 375 | 320 | 282 | 260 | 350 | 3 | 4.5 | 38 | 1282 | 188 | 12-30 |
| | 250 | 650 | 445 | 385 | 345 | 313 | 400 | 3 | 4.5 | 42 | 1495 | 223 | 12-34 |
| | 300 | 750 | 510 | 450 | 408 | 364 | 450 | 4 | 4.5 | 46 | 1701 | 250 | 16-34 |
| | 350 | 850 | 570 | 510 | 465 | 422 | 500 | 4 | 5 | 52 | 1880 | 280 | 16-34 |
| | 400 | 950 | 655 | 585 | 535 | 474 | 305 | 4 | 5 | 58 | 2200 | 310 | 20-41 |
| | 450 | 1050 | 680 | 610 | 560 | 524 | 305 | 4 | 5 | 60 | 2480 | 335 | 20-41 |
| | 500 | 1150 | 755 | 670 | 612 | 576 | 305 | 4 | 5 | 62 | 2890 | 380 | 20-48 |
| | 600 | 1350 | 890 | 795 | 730 | 678 | 305 | 5 | 6 | 62 | 3460 | 450 | 20-54 |
| | 700 | 1450 | 995 | 900 | 835 | 768 | 305 | 5 | 6 | 68 | 3985 | 500 | 24-54 |
| 800 | 1650 | 1135 | 1030 | 960 | 876 | 305 | 5 | 6 | 76 | 4750 | 570 | 24-58 | |
| 6.4 | 50 | 250 | 175 | 135 | 105 | 88 | 250 | 3 | 4 | 26 | 584 | 90 | 4-23 |
| | 65 | 280 | 200 | 160 | 130 | 110 | 250 | 3 | 4 | 28 | 634 | 105 | 8-23 |
| | 80 | 310 | 210 | 170 | 140 | 121 | 250 | 3 | 4 | 30 | 679 | 110 | 8-23 |
| | 100 | 350 | 250 | 200 | 168 | 150 | 300 | 3 | 4.5 | 32 | 763 | 130 | 8-25 |
| | 125 | 400 | 295 | 240 | 202 | 176 | 350 | 3 | 4.5 | 36 | 970 | 150 | 8-30 |
| | 150 | 450 | 340 | 280 | 240 | 204 | 350 | 3 | 4.5 | 38 | 1038 | 175 | 8-34 |
| | 200 | 550 | 405 | 345 | 300 | 260 | 350 | 3 | 4.5 | 44 | 1282 | 210 | 12-34 |
| | 250 | 650 | 470 | 400 | 352 | 313 | 400 | 3 | 4.5 | 48 | 1495 | 240 | 12-41 |
| | 300 | 750 | 530 | 460 | 412 | 364 | 450 | 4 | 4.5 | 54 | 1965 | 270 | 16-41 |
| | 350 | 850 | 595 | 525 | 475 | 422 | 500 | 4 | 5 | 60 | 2185 | 300 | 16-41 |
| | 400 | 950 | 670 | 585 | 525 | 474 | 305 | 4 | 5 | 66 | 2573 | 335 | 16-48 |
| | 450 | 1050 | 715 | 630 | 570 | 524 | 305 | 4 | 5 | 68 | 2800 | 360 | 20-48 |
| | 500 | 1150 | 800 | 705 | 640 | 576 | 305 | 4 | 5 | 70 | 3280 | 405 | 20-54 |
| 600 | 1350 | 930 | 820 | 750 | 678 | 305 | 5 | 6 | 76 | 3800 | 470 | 20-58 | |
| 10.0 | 50 | 250 | 195 | 145 | 112 | 88 | 250 | 3 | 4 | 28 | 590 | 100 | 4-25 |
| | 65 | 280 | 220 | 170 | 138 | 110 | 250 | 3 | 4 | 32 | 640 | 115 | 8-25 |
| | 80 | 310 | 230 | 180 | 148 | 121 | 250 | 3 | 4 | 34 | 680 | 120 | 8-25 |
| | 100 | 350 | 265 | 210 | 172 | 150 | 300 | 3 | 4.5 | 38 | 870 | 135 | 8-30 |
| | 125 | 400 | 310 | 250 | 210 | 176 | 350 | 3 | 4.5 | 42 | 980 | 155 | 8-34 |
| | 150 | 450 | 350 | 290 | 250 | 204 | 350 | 3 | 4.5 | 46 | 1100 | 180 | 12-34 |
| | 200 | 550 | 430 | 360 | 312 | 260 | 350 | 3 | 4.5 | 54 | 1315 | 220 | 12-41 |
| | 250 | 650 | 500 | 430 | 382 | 313 | 400 | 3 | 4.5 | 60 | 1605 | 255 | 12-41 |
| | 300 | 750 | 585 | 500 | 442 | 364 | 450 | 4 | 4.5 | 70 | 1925 | 295 | 16-48 |
| 350 | 850 | 665 | 560 | 498 | 422 | 500 | 4 | 5 | 76 | 2280 | 335 | 16-54 | |
| 400 | 950 | 715 | 620 | 558 | 474 | 305 | 4 | 5 | 80 | 2580 | 360 | 15-54 | |

手动有导流孔平板闸阀

Manual flat gate valve with bank guiding hole

型号model: (K) DPZ43F、(K)DPZ44F

PN1.6~10.0MPa

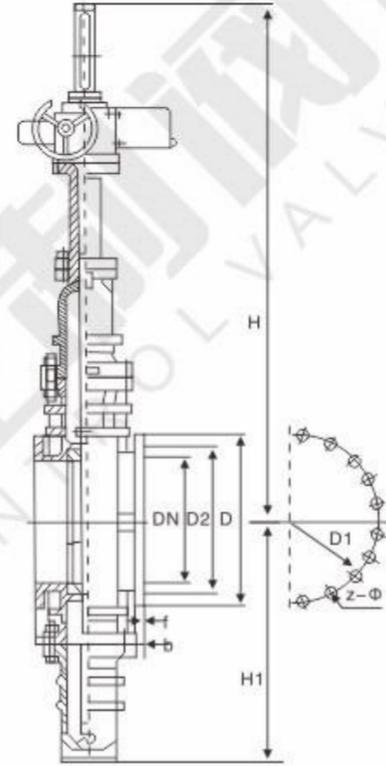


电动有导流孔平板闸阀

Electric flat gate valve with bank guiding hole

型号model: (K) DPZ943F、(K)DPZ944F

PN1.6~10.0MPa

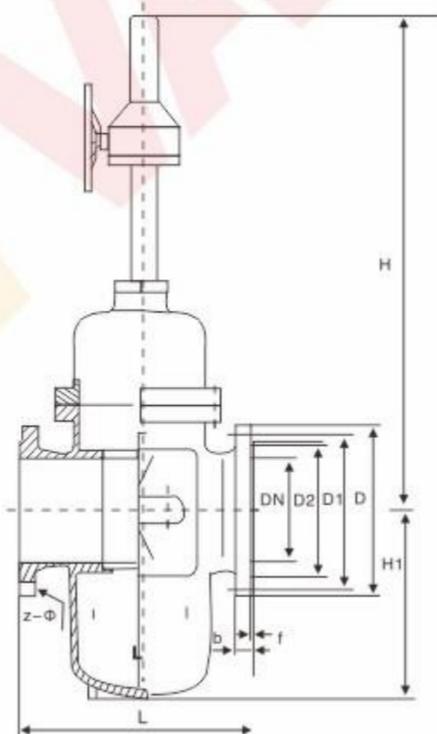


锥齿轮传动有导流孔平板闸阀

Bevel gear transmission flat gate valve with bank guiding hole

型号model: (K) DPZ543F、(K)DPZ544F

PN1.6~10.0MPa

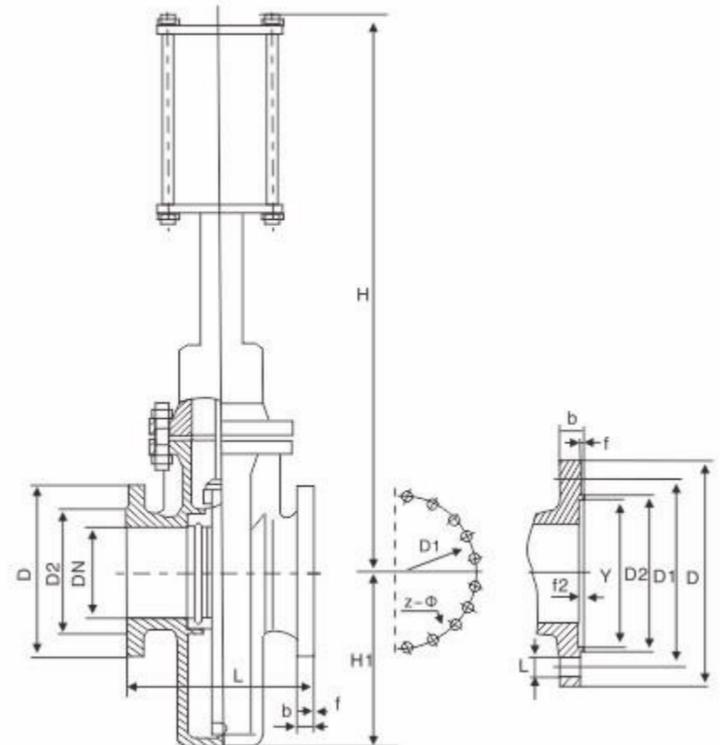


气动有导流孔平板闸阀

Pneumatic flat gate valve with bank guiding hole

型号model: (K) DPZ643F、(K)DPZ644F

PN1.6~10.0MPa

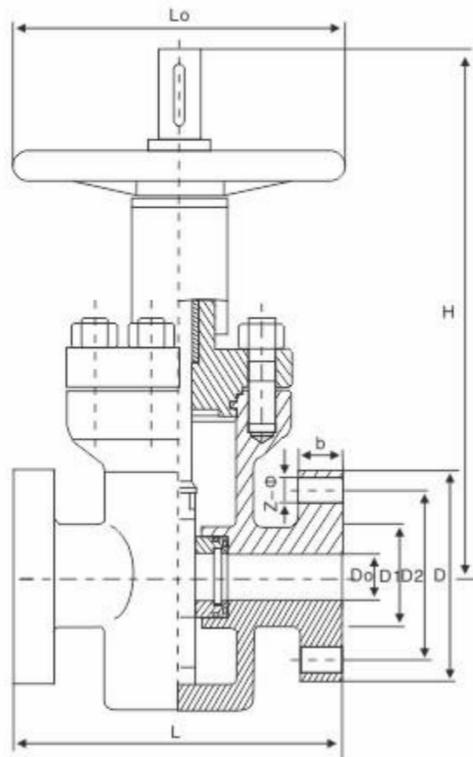


主要外形尺寸及连接尺寸Main external and connection dimension (JB/T79.1-1994)

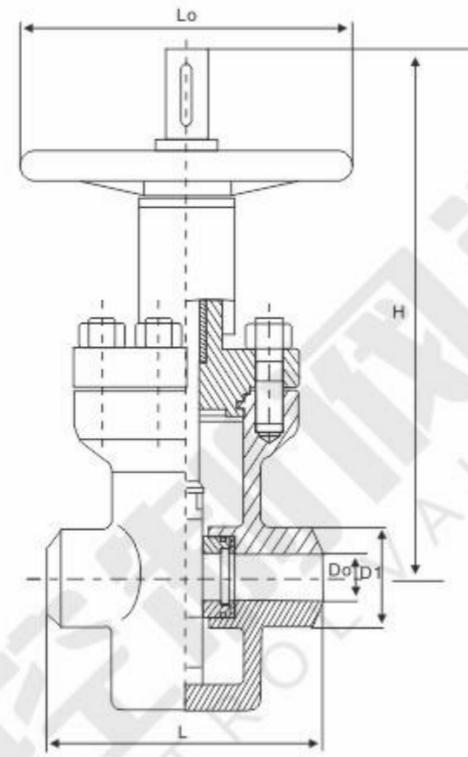
| 公称压力 PN(MPa) | 公称通径 DN(mm) | 尺寸Size (mm) | | | | | | | | | |
|-----------------|----------------|---------------|------|------|------|-----|----|------|------|-------|-------|
| | | L | D | D1 | D2 | D0 | f | b | H | H1 | Z-Φ |
| 1.6 | 50 | 178 | 160 | 125 | 100 | 250 | 3 | 16 | 584 | 8122 | 4-18 |
| | 65 | 190 | 180 | 145 | 120 | 250 | 3 | 18 | 634 | 154 | 4-18 |
| | 80 | 203 | 195 | 160 | 135 | 250 | 3 | 20 | 688 | 169 | 8-18 |
| | 100 | 229 | 215 | 180 | 155 | 300 | 3 | 20 | 863 | 193 | 8-18 |
| | 125 | 254 | 245 | 210 | 185 | 350 | 3 | 22 | 940 | 215 | 8-18 |
| | 150 | 267 | 280 | 240 | 210 | 350 | 3 | 24 | 1030 | 283 | 8-23 |
| | 200 | 292 | 335 | 295 | 265 | 350 | 3 | 26 | 1277 | 352 | 12-23 |
| | 250 | 330 | 405 | 355 | 320 | 400 | 3 | 30 | 1491 | 440 | 12-25 |
| | 300 | 356 | 460 | 410 | 375 | 450 | 4 | 30 | 1701 | 514 | 12-25 |
| | 350 | 381 | 520 | 470 | 435 | 500 | 4 | 34 | 1875 | 602 | 16-25 |
| | 400 | 406 | 580 | 525 | 485 | 305 | 4 | 36 | 2180 | 678 | 16-30 |
| | 450 | 432 | 640 | 585 | 545 | 305 | 4 | 40 | 2440 | 785 | 20-30 |
| | 500 | 457 | 705 | 650 | 608 | 305 | 4 | 44 | 2860 | 855 | 20-34 |
| | 600 | 508 | 840 | 770 | 718 | 305 | 5 | 48 | 3450 | 1045 | 20-41 |
| | 700 | 610 | 910 | 840 | 788 | 305 | 5 | 50 | 3960 | 1190 | 24-41 |
| | 800 | 660 | 1020 | 950 | 898 | 305 | 5 | 52 | 4550 | 1350 | 24-41 |
| | 900 | 711 | 1120 | 1050 | 998 | | 5 | 54 | 5250 | 1510 | 28-41 |
| 1000 | 611 | 1255 | 1170 | 1110 | | 5 | 56 | 5870 | 1715 | 28-48 | |
| 2.5 | 50 | 178 | 160 | 125 | 100 | 250 | 3 | 20 | 584 | 8122 | 4-18 |
| | 65 | 190 | 180 | 145 | 120 | 250 | 3 | 22 | 634 | 154 | 8-18 |
| | 80 | 203 | 195 | 160 | 135 | 250 | 3 | 22 | 688 | 169 | 8-18 |
| | 100 | 229 | 230 | 190 | 160 | 300 | 3 | 24 | 863 | 193 | 8-23 |
| | 125 | 254 | 270 | 220 | 188 | 350 | 3 | 28 | 940 | 215 | 8-25 |
| | 150 | 267 | 300 | 250 | 218 | 350 | 3 | 30 | 1030 | 283 | 8-25 |
| | 200 | 292 | 360 | 310 | 278 | 350 | 3 | 34 | 1277 | 352 | 12-25 |
| | 250 | 330 | 425 | 370 | 332 | 400 | 3 | 36 | 1491 | 440 | 12-30 |
| | 300 | 356 | 485 | 430 | 390 | 450 | 4 | 40 | 1701 | 514 | 16-30 |
| | 350 | 381 | 550 | 490 | 448 | 500 | 4 | 44 | 1875 | 602 | 16-34 |
| | 400 | 406 | 610 | 550 | 505 | 305 | 4 | 48 | 2180 | 678 | 16-34 |
| | 450 | 432 | 660 | 600 | 555 | 305 | 4 | 50 | 2440 | 785 | 20-34 |
| | 500 | 457 | 730 | 660 | 610 | 305 | 4 | 52 | 2860 | 855 | 20-41 |
| | 600 | 508 | 840 | 770 | 718 | 305 | 5 | 56 | 3450 | 1045 | 20-41 |
| | 700 | 610 | 955 | 875 | 815 | 305 | 5 | 60 | 3960 | 1190 | 24-48 |
| | 800 | 660 | 1070 | 990 | 930 | 305 | 5 | 64 | 4550 | 1350 | 24-48 |
| | 900 | 711 | 118 | 1090 | 1025 | | 5 | 66 | 5250 | 1510 | 28-54 |
| 1000 | 811 | 1305 | 1210 | 1140 | | 5 | 68 | 5870 | 1715 | 28-58 | |

主要外形尺寸及连接尺寸 Main external and connection dimension (JB/T79.2-1994)

| 公称压力 PN(MPa) | 公称口径 DN(mm) | 尺寸 Size (mm) | | | | | | | | | | | |
|-----------------|----------------|----------------|------|-----|-----|-----|-----|---|-----|------|------|-------|-------|
| | | L | D | D1 | D2 | Y | D0 | f | f2 | b | H | H1 | Z-Φ |
| 4.0 | 50 | 250 | 160 | 125 | 100 | 88 | 250 | 3 | 4 | 20 | 584 | 137 | 4-18 |
| | 65 | 280 | 180 | 145 | 120 | 110 | 250 | 3 | 4 | 22 | 634 | 169 | 8-18 |
| | 80 | 310 | 195 | 160 | 135 | 121 | 250 | 3 | 4 | 22 | 679 | 184 | 8-18 |
| | 100 | 350 | 230 | 190 | 160 | 150 | 300 | 3 | 4.5 | 24 | 863 | 218 | 8-23 |
| | 125 | 400 | 270 | 220 | 188 | 176 | 350 | 3 | 4.5 | 28 | 940 | 305 | 8-25 |
| | 150 | 450 | 300 | 250 | 218 | 204 | 350 | 3 | 4.5 | 30 | 1040 | 311 | 8-25 |
| | 200 | 550 | 375 | 320 | 282 | 260 | 350 | 3 | 4.5 | 38 | 1282 | 382 | 12-30 |
| | 250 | 650 | 445 | 385 | 345 | 313 | 400 | 3 | 4.5 | 42 | 1495 | 476 | 12-34 |
| | 300 | 750 | 510 | 450 | 408 | 364 | 450 | 4 | 4.5 | 46 | 1701 | 545 | 16-34 |
| | 350 | 850 | 570 | 510 | 465 | 422 | 500 | 4 | 5 | 52 | 1880 | 645 | 16-34 |
| | 400 | 950 | 655 | 585 | 535 | 474 | 305 | 4 | 5 | 58 | 2200 | 728 | 20-41 |
| | 450 | 1050 | 680 | 610 | 560 | 524 | 305 | 4 | 5 | 60 | 2480 | 800 | 20-41 |
| | 500 | 1150 | 755 | 670 | 612 | 576 | 305 | 4 | 5 | 62 | 2890 | 930 | 20-48 |
| | 600 | 1350 | 890 | 795 | 730 | 678 | 305 | 5 | 6 | 62 | 3460 | 1100 | 20-54 |
| | 700 | 1450 | 995 | 900 | 835 | 768 | 305 | 5 | 6 | 68 | 3985 | 1260 | 24-54 |
| 800 | 1650 | 1135 | 1030 | 960 | 876 | 305 | 5 | 6 | 76 | 4750 | 1420 | 24-58 | |
| 6.4 | 50 | 250 | 175 | 135 | 105 | 88 | 250 | 3 | 4 | 26 | 584 | 158 | 4-23 |
| | 65 | 280 | 200 | 160 | 130 | 110 | 250 | 3 | 4 | 28 | 634 | 190 | 8-23 |
| | 80 | 310 | 210 | 170 | 140 | 121 | 250 | 3 | 4 | 30 | 679 | 225 | 8-23 |
| | 100 | 350 | 250 | 200 | 168 | 150 | 300 | 3 | 4.5 | 32 | 763 | 255 | 8-25 |
| | 125 | 400 | 295 | 240 | 202 | 176 | 350 | 3 | 4.5 | 36 | 970 | 310 | 8-30 |
| | 150 | 450 | 340 | 280 | 240 | 204 | 350 | 3 | 4.5 | 38 | 1038 | 330 | 8-34 |
| | 200 | 550 | 405 | 345 | 300 | 260 | 350 | 3 | 4.5 | 44 | 1282 | 410 | 12-34 |
| | 250 | 650 | 470 | 400 | 352 | 313 | 400 | 3 | 4.5 | 48 | 1495 | 490 | 12-41 |
| | 300 | 750 | 530 | 460 | 412 | 364 | 450 | 4 | 4.5 | 54 | 1965 | 570 | 16-41 |
| | 350 | 850 | 595 | 525 | 475 | 422 | 500 | 4 | 5 | 60 | 2185 | 650 | 16-41 |
| | 400 | 950 | 670 | 585 | 525 | 474 | 305 | 4 | 5 | 66 | 2573 | 735 | 16-48 |
| | 450 | 1050 | 715 | 630 | 570 | 524 | 305 | 4 | 5 | 68 | 2800 | 810 | 20-48 |
| | 500 | 1150 | 800 | 705 | 640 | 576 | 305 | 4 | 5 | 70 | 3280 | 905 | 20-54 |
| 600 | 1350 | 930 | 820 | 750 | 678 | 305 | 5 | 6 | 76 | 3800 | 1070 | 20-58 | |
| 10.0 | 50 | 250 | 195 | 145 | 112 | 88 | 250 | 3 | 4 | 28 | 590 | 158 | 4-25 |
| | 65 | 280 | 220 | 170 | 138 | 110 | 250 | 3 | 4 | 32 | 640 | 190 | 8-25 |
| | 80 | 310 | 230 | 180 | 148 | 121 | 250 | 3 | 4 | 34 | 680 | 225 | 8-25 |
| | 100 | 350 | 265 | 210 | 172 | 150 | 300 | 3 | 4.5 | 38 | 870 | 255 | 8-30 |
| | 125 | 400 | 310 | 250 | 210 | 176 | 350 | 3 | 4.5 | 42 | 980 | 310 | 8-34 |
| | 150 | 450 | 350 | 290 | 250 | 204 | 350 | 3 | 4.5 | 46 | 1100 | 330 | 12-34 |
| | 200 | 550 | 430 | 360 | 312 | 260 | 350 | 3 | 4.5 | 54 | 1315 | 410 | 12-41 |
| | 250 | 650 | 500 | 430 | 382 | 313 | 400 | 3 | 4.5 | 60 | 1605 | 490 | 12-41 |
| | 300 | 750 | 585 | 500 | 442 | 364 | 450 | 4 | 4.5 | 70 | 1925 | 570 | 16-48 |
| | 350 | 850 | 665 | 560 | 498 | 422 | 500 | 4 | 5 | 76 | 2280 | 650 | 16-54 |
| 400 | 950 | 715 | 620 | 558 | 474 | 305 | 4 | 5 | 80 | 2580 | 735 | 15-54 | |



GPZ43Y油田专用高压平板闸阀
GPZ43YSpecial high-pressure oil valve plate



GPZ63Y油田专用高压平板闸阀
GPZ63YSpecial high-pressure oil valve plate

性能规范Performance Specifications

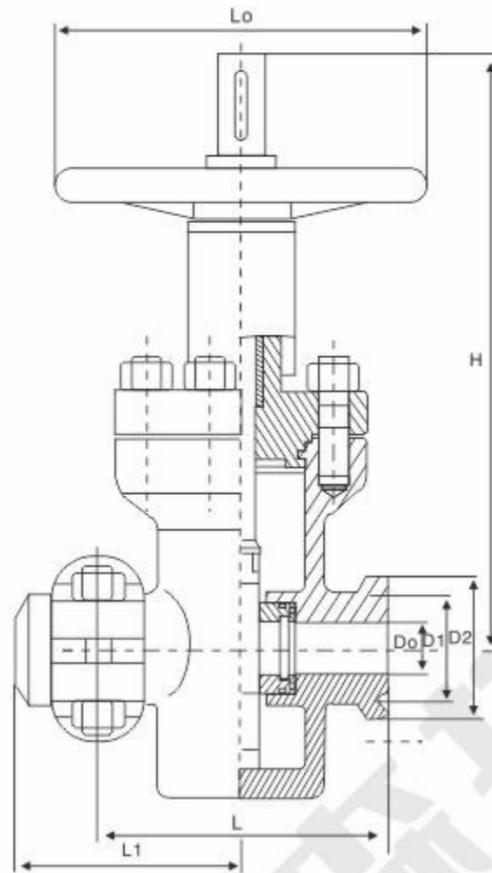
| 强度试验压力Strength test pressure | 密封试验压力Sealing test pressure | 工作温度Working temperature | 适用介质 Applicable medium |
|------------------------------|-----------------------------|-------------------------|------------------------------------|
| 1.5PN | 1.1PN | -29 ~ 120℃ | 水、油、天然气 Water, oil, natural gas |

主要零件材料Main parts material

| 零件名称 Part name | 阀体Body | 阀盖、支架 Cover, support | 阀杆、阀座 Stem, seat | 阀杆螺母Stem nut | 填料Packing | 闸板Gate |
|-------------------|------------------|-------------------------------------|-----------------------------|--|------------------|---|
| 材料 Material | 铸钢Cast steel WCB | 优质碳钢35 High-quality carbon steel | 不锈钢2Cr13 Stainless steel | 铸铝青铜 Aluminum brass ZCuZn25Al 6Fe3Mn3 | 聚四氟乙烯 PTFE F4 | 优质碳钢喷焊硬质合金 High-quality alloy steel weld |

主要外形尺寸及连接尺寸Main external and connection dimension (JB/T79.1-1994)

| 公称压力 PN(MPa) | 公称通径 DN(mm) | 尺寸Size (mm) | | | | | | | | | |
|-----------------|----------------|---------------|-----|-----|-----|--------|-------|-----|------|---------|-----|
| | | L | L1 | H | D0 | D1 | D2 | D | B | Z-Φ | L0 |
| 16 22 | 25 | 210 | 160 | 345 | 25 | 50.8 | 101.5 | 150 | 29 | 4-26 | 200 |
| | 32 | 240 | 180 | 350 | 29 | 60.32 | 111.0 | 160 | 29 | 4-26 | 220 |
| | 40 | 260 | 210 | 380 | 36 | 68.28 | 124.0 | 180 | 32 | 4-29.5 | 280 |
| | 50 | 300 | 230 | 400 | 45 | 95.25 | 165.0 | 215 | 38.5 | 8-26 | 300 |
| | 65 | 320 | 250 | 440 | 58 | 107.95 | 190.5 | 245 | 41.5 | 8-29.5 | 350 |
| | 80 | 360 | 270 | 500 | 72 | 123.82 | 190.5 | 240 | 38.5 | 8-26 | 360 |
| | 100 | 450 | 320 | 540 | 90 | 149.22 | 235.0 | 290 | 44.5 | 8-32.5 | 400 |
| | 150 | 560 | 500 | 620 | 135 | 211.12 | 317.5 | 380 | 56 | 12-32.5 | 450 |
| 25 35 | 25 | 220 | 160 | 345 | 25 | 50.8 | 101.5 | 150 | 29 | 4-26 | 200 |
| | 32 | 250 | 180 | 350 | 29 | 60.32 | 111.0 | 160 | 29 | 4-26 | 220 |
| | 40 | 270 | 210 | 380 | 36 | 68.28 | 124.0 | 180 | 32 | 4-29.5 | 280 |
| | 50 | 310 | 230 | 400 | 45 | 95.25 | 165.0 | 215 | 38.5 | 8-26 | 300 |
| | 65 | 340 | 250 | 440 | 58 | 107.95 | 190.5 | 245 | 41.5 | 8-29.5 | 350 |
| | 80 | 380 | 270 | 500 | 72 | 136.25 | 190.5 | 265 | 48 | 8-32.5 | 360 |
| | 100 | 480 | 320 | 540 | 90 | 161.92 | 235.0 | 310 | 54 | 8-35.5 | 400 |
| | 150 | 580 | 500 | 620 | 135 | 211.12 | 317.5 | 395 | 83 | 12-39 | 450 |



GPZ83Y油田专用高压平板闸阀
GPZ83Y Special high-pressure oil valve plate

性能规范 Performance Specifications

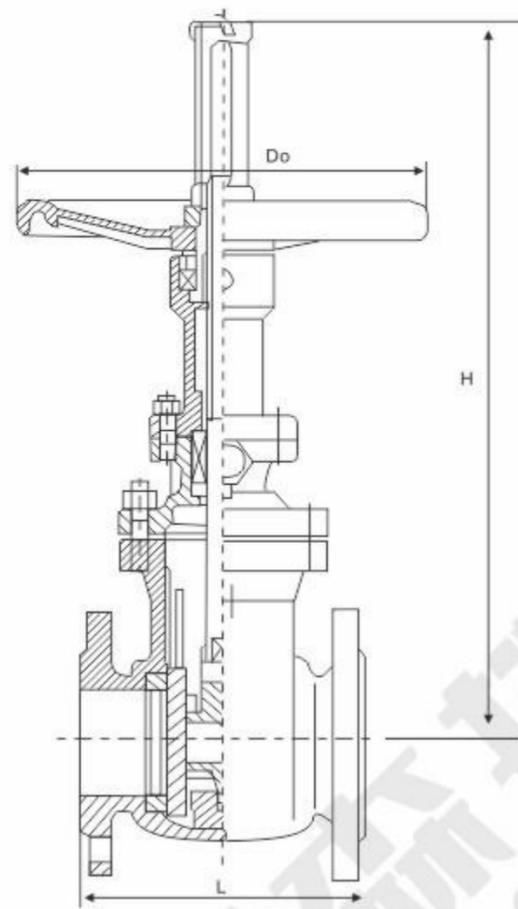
| 强度试验压力 Strength test pressure | 密封试验压力 Sealing test pressure | 工作温度 Working temperature | 适用介质 Applicable medium |
|-------------------------------|------------------------------|--------------------------|-------------------------|
| 1.5PN | 1.1PN | -29 ~ 120℃ | 水、油、天然气 Stainless steel |

主要零件材料 Main parts material

| 零件名称 Part name | 阀体 Body | 阀盖、支架 Cover, support | 阀杆、阀座 Stem, seat | 阀杆螺母 Stem nut | 填料 Packing | 闸板 Gate |
|----------------|-------------------|----------------------------------|--------------------------|---------------------------------------|---------------|--|
| 材料 Material | 铸钢 Cast steel WCB | 优质碳钢35 High-quality carbon steel | 不锈钢2Cr13 Stainless steel | 铸铝青铜 Aluminum brass ZCuZn25Al 6Fe3Mn3 | 聚四氟乙烯 PTFE F4 | 优质碳钢喷焊硬质合金 High-quality alloy steel weld |

主要外形尺寸及连接尺寸 Main external and connection dimension (JB/T79.1-1994)

| 公称压力 PN(MPa) | 公称通径 DN(mm) | 尺寸 Size (mm) | | | | | | |
|--------------|-------------|----------------|-----|-----|----|-------|-----|-----|
| | | L | L1 | H | D0 | D1 | D2 | L0 |
| 16 22 | 40 | 210 | 370 | 380 | 36 | 88.8 | 120 | 280 |
| | 50 | 230 | 410 | 400 | 45 | 88.8 | 120 | 300 |
| | 65 | 240 | 440 | 440 | 58 | 88.8 | 120 | 350 |
| | 80 | 270 | 490 | 500 | 72 | 107.8 | 140 | 360 |
| 25 35 | 40 | 230 | 390 | 380 | 36 | 88.8 | 120 | 280 |
| | 50 | 240 | 420 | 400 | 45 | 88.8 | 120 | 300 |
| | 65 | 260 | 460 | 440 | 58 | 88.8 | 120 | 350 |
| | 80 | 290 | 510 | 500 | 72 | 107.8 | 140 | 360 |



ZBPZ44Y自动补偿平板闸阀
Automatic compensation plate gate valve

| | |
|----------------------|-------------------------|
| 公称压力Nominal pressure | 产品型号Product type |
| 1.6~6.4MPa 150~300Lb | ZBPZ44Y、ZBPZ44H、ZBPZ44F |

性能规范Performance Specifications

| 压力等级 Pressure rating | 常温下试验压力 (MPa) Under normal temperature test pressure (MPa) | | | | | 适用温度Applicable temperature (°C) | | | 适用介质 Applicable medium | |
|-------------------------|---|--------------------|-------------------|---------------------------|-----|---------------------------------|---------|------------------|--|---|
| | 壳体Case | 左密封 Left sealed | 右密封 Right Seal | 低压密封 Low pressure seal | | G型model | D型model | 通用型 Universal | 抗硫型 Anti-sulfur | 基本型 Basic |
| 公称压力 (Mpa) | 1.6 | 2.4 | 1.76 | 1.76 | 0.6 | -29~250 | -46~121 | -29~121 | 含H2S和Co2 500mg/m3 的介质 Containing H2S and Co2 500mg/m3 | 石油、天 然气、水等 Oil, gas, water, etc. |
| | 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 | | | | | |
| 磅级 (Lb) | 150 | 3.1 | 2.3 | 2.3 | 0.6 | | | | | |
| | 300 | 7.6 | 5.52 | 5.52 | 0.6 | | | | | |

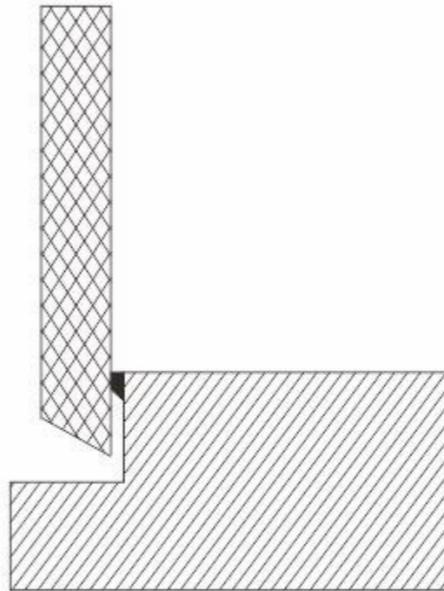
主要零件材料Main parts material

| 零件名称 Part name | 阀体、阀盖 Body, cover | 闸板 Gate | 阀杆Stem | 阀座Seat | 阀杆螺母 Stem nut | 密封圈Seal ring | 填料Packing | 密封脂Seal fat |
|--------------------|----------------------|--|---|-----------------------|---------------------------|---------------------|------------------------------------|----------------------------------|
| 基本型Basic | WCB | 合金钢 (特殊处理) Alloy steel (Special treatment) | 不锈钢 Stainless steel | 焊硬质合金 Solder alloy | 铝青铜 Aluminum Bronze | 填充四氟 Filled PTFE | 填充四氟 膨胀石墨 Inflation graphite | 耐油密封脂 Oil seal fat |
| 抗硫型 Anti-sulfur | | | 抗硫不锈钢 Anti-sulfur stainless steel | | | | | 抗硫密封脂 Anti-sulfur seal fat |

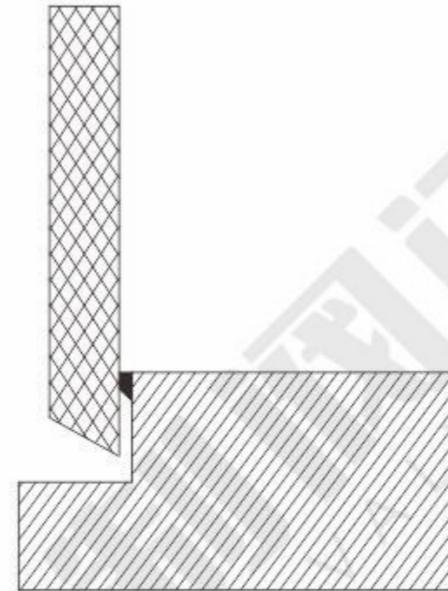
主要外形尺寸及连接尺寸 Main external and connection dimension (JB/T79.1-1994)

| 公称压力 PN(MPa) | 公称通径 DN(mm) | 尺寸Size (mm) | | | 重量 (Kg) Weight |
|-------------------|----------------|---------------|------|------|---------------------|
| | | L | H | D0 | |
| 6.4 4.0 1.6 | 50 | 250 | 417 | 240 | 22 |
| | 65 | 265 | 452 | 240 | 30 |
| | 80 | 280 | 530 | 280 | 44 |
| | 100 | 300 | 607 | 300 | 47 |
| | 125 | 325 | 614 | 300 | 76 |
| | 150 | 350 | 850 | 350 | 96 |
| | 200 | 400 | 1060 | 400 | 160 |
| | 250 | 450 | 1225 | 450 | 228 |
| | 300 | 500 | 1415 | 500 | 300 |
| | 350 | 550 | 1630 | 500 | 388 |
| | 400 | 600 | 1780 | 600 | 566 |
| | 450 | 650 | 2050 | 720 | 900 |
| | 500 | 700 | 2181 | 720 | 958 |
| 600 | 800 | 2599 | 720 | 1410 | |
| 2.5 | 50 | 250 | 417 | 240 | 23 |
| | 65 | 265 | 452 | 240 | 32 |
| | 80 | 280 | 530 | 280 | 46 |
| | 100 | 300 | 607 | 300 | 67 |
| | 125 | 325 | 614 | 300 | 78 |
| | 150 | 350 | 850 | 350 | 112 |
| | 200 | 400 | 1060 | 400 | 218 |
| | 250 | 450 | 1225 | 450 | 290 |
| | 300 | 500 | 1415 | 500 | 324 |
| | 350 | 550 | 1630 | 500 | 423 |
| | 400 | 600 | 1780 | 600 | 566 |
| | 450 | 650 | 2050 | 720 | 900 |
| | 500 | 700 | 2181 | 720 | 958 |
| 600 | 800 | 2599 | 720 | 1410 | |

| 公称压力 PN(MPa) | 公称通径 DN(mm) | 尺寸Size (mm) | | | 重量 (Kg) Weight |
|-----------------|----------------|---------------|------|------|---------------------|
| | | L | H | D0 | |
| 4.0 | 50 | 250 | 417 | 240 | 28 |
| | 65 | 280 | 452 | 240 | 35 |
| | 80 | 310 | 567 | 280 | 47 |
| | 100 | 350 | 590 | 320 | 68 |
| | 125 | 400 | 776 | 350 | 115 |
| | 150 | 450 | 885 | 400 | 150 |
| | 200 | 550 | 1065 | 500 | 235 |
| | 250 | 650 | 1250 | 550 | 374 |
| | 300 | 750 | 1531 | 640 | 550 |
| | 350 | 850 | 1700 | 640 | 890 |
| | 400 | 950 | 1770 | 640 | 1235 |
| | 450 | 1050 | 1820 | 680 | 1400 |
| | 500 | 1150 | 1880 | 680 | 1506 |
| 600 | 1350 | 2200 | 680 | 1780 | |
| 6.4 | 50 | 250 | 505 | 280 | 44 |
| | 65 | 280 | 545 | 280 | 64 |
| | 80 | 310 | 605 | 320 | 84 |
| | 100 | 350 | 665 | 400 | 119 |
| | 125 | 400 | 780 | 400 | 174 |
| | 150 | 450 | 980 | 450 | 266 |
| | 200 | 550 | 1120 | 550 | 388 |
| | 250 | 650 | 1332 | 550 | 500 |
| | 300 | 750 | 1680 | 640 | 550 |
| | 350 | 850 | 1745 | 640 | 898 |
| | 400 | 950 | 1820 | 680 | 1234 |
| | 450 | | | | |
| | 500 | | | | |
| 600 | | | | | |



硬密封 Hard seal



软密封 Soft seal

产品概述

- 1、刀形浆闸阀按照口径不同制成暗杆和明杆两种形式（暗杆DN200~900mm,明杆DN50~900mm），全圆形的直流通道设计不存渣、不卡阻。刀板底端加工成刀刃状，对松软物料如纤维、纸浆、木浆具有切断功能，同时有良好开启和关闭作用。在刀板上端安装有硬聚四氟乙烯刮泥器，可防止粉尘、砂砾等擦伤性物质进入填料盒，可显著提高刀板寿命。阀板材质选用不锈钢、精磨抛光处理可获得最佳密封效果。
- 2、阀体、填料函为精密铸造，其中阀体采用凸缘式整体铸造，不锈钢、硬质合金材质可根据用户需要选用304、316、316L、WCB、2Cr13,密封圈采用PTFE增强聚四氟乙烯材质，耐腐蚀、耐磨损、不沾渣。
- 3、阀板有5个支撑点，使阀板有很好的自对中。当阀门处于关闭状态，并承受背压时，阀板不发生偏移。
- 4、刀形浆闸阀可以配置手轮、手动拉链、正齿轮传动、伞齿轮传动、气动和电动。
- 5、刀形浆闸阀内部可制成V形、三角形、五角形通道，以适应流体调节控制要求。
- 6、刀形浆闸阀连接形式有对夹式、法兰支耳式，密封有金属对金属硬密封、金属对聚胺脂、带增强的聚四氟乙烯；软密封。
- 7、工作温度：软密封（PTFE）：-40℃~230℃
碳素钢：-29℃~425℃
不锈钢：-40℃~600℃
铬钼钒钢：≤550℃

工作压力：0.6、1.0、1.6MPa

执行标准：设计按JB/T8691-1998

法兰按GB/T9113.1-2000

结构长度按GB/T15188.2-94

试验和验收按GB/T13927

Product overview

- 1, Slurry knife gate valve in accordance with the caliber of different-shaped dark bar and the next shot is made in two forms (dark bar DN200 ~ 900mm, clear shot DN50 ~ 900mm), full circle design of the DC channel residue does not exist, no jamming. Knife blade-like plate at the bottom of processed, on soft materials such as fiber, pulp, wood pulp has a cutting function, while the role of a good opening and closing. Knife board installed in the top of the hard Teflon scraper device, to prevent dust, sand and other substances into the packing box scratch can significantly increase the life of blades. Valve plate material selection of stainless steel, grinding polished for best sealing effect.
- 2, Valve, filling culvert for the precision casting, in which the whole body with flange-type casting, stainless steel, hard alloy material can be selected according to user needs 304, 316, 316 L, WCB, 2Cr13, enhanced PTFE seals with PTFE vinyl material, corrosion, wear, do not stick residue.
- 3, Valve plate has five support points, so a very good disc from the middle. When the valve is at the off-position, when and withstands the back pressure, the valve board does not have the displacement.
- 4, Slurry knife gate valve can be configured to hand-shaped wheel, manual zipper, spur gear drive, bevel gear, pneumatic and electric.
- 5, Knife gate slurry form can be made within the V-shaped, triangular, pentagonal channels to meet the requirements of fluid regulation and control.
- 6, Knife-shaped connection in the form of slurry valve wafer type, flange supporting ear, sealed with metal on metal seal, metal on polyurethane, with enhanced PTFE; soft seal.
- 7, Working temperature: Soft Seal (PTFE): -40 °C ~ 230 °C
Carbon steel: -29 °C ~ 425 °C
Stainless steel: -40 °C ~ 600 °C
Chrome molybdenum Vanadium Steel: ≤ 550 °C
Working pressure: 0.6, 1.0, 1.6 MPa
Executive standard: Design by JB/T8691-1998
Flange by GB/T9113.1-2000
Structural length according to GB/T15188.2-94
Test and acceptance by GB/T13927

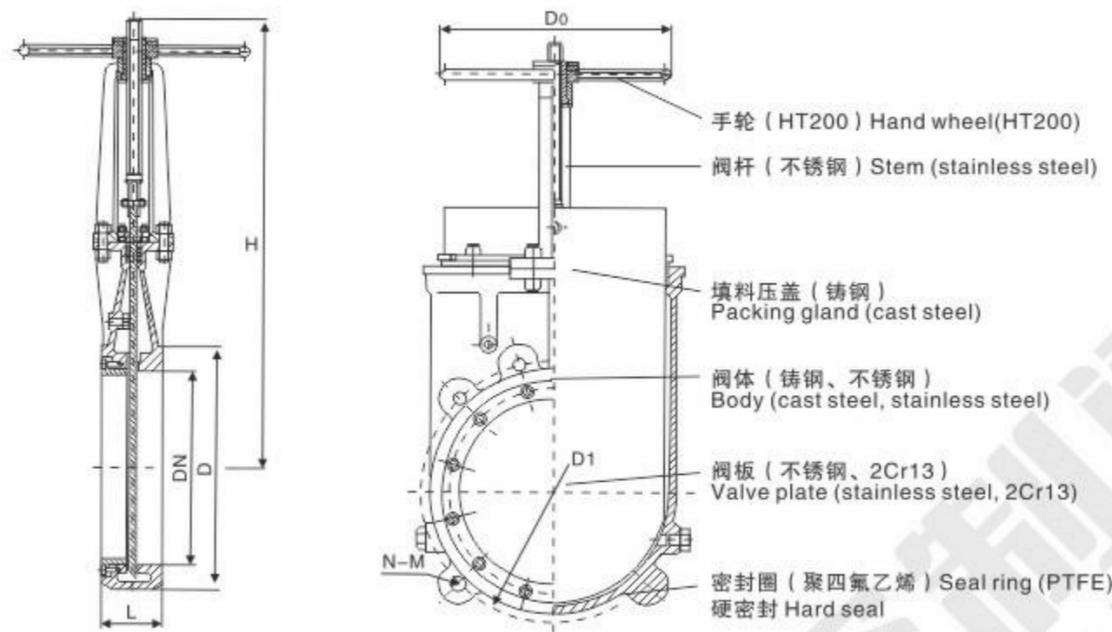
适用介质 Applicable medium

金矿粉、尾矿、纸浆、木浆、纤维、粉尘、化学品处理污水、沉淀池、矿砂、炉渣、煤泥、沥青、料仓出口、水果、谷物、水泥浆、屠宰厂废水、气动输送管线或啤酒酿制的介质。

Gold powder, tailings, pulp, wood pulp, fibers, dust, chemicals, sewage treatment, settling ponds, ore, slag, slime, asphalt, bunker exit, fruits, grains, cement, slaughter house wastewater, air transport pipeline or beer brewed in the media.

产品特点 Product characteristic

设计紧凑、占据空间小、重量轻、价格便宜、易于安装、耐磨防堵措施完善、便于维修、使用方便及寿命长，并且可任意选用驱动装置。
Compact design, small footprint, light weight, inexpensive, easy to install, aiming to halt the measures to improve the wear resistance, easy maintenance, easy to use and long life, and can be arbitrarily selected drive.



主要性能规范Main Performance Specifications

| 公称压力 PN(MPa) | 试验压力Test pressure (MPa) | | 工作温度 Working temperature (°C) | 适用介质Applicable medium |
|-----------------|-------------------------|--------|-------------------------------------|---|
| | 壳体Case | 密封Seal | | |
| 1.0 | 1.5 | 1.1 | 橡胶 ≤100°C | 炉渣、纸浆、污水、煤渣、灰渣、泥浆、油类 Slag, pulp, sewage, cinder, ash, mud, oil |
| 1.6 | 2.4 | 1.8 | H _y ≤425°C | |

主要性能规范Main Performance Specifications

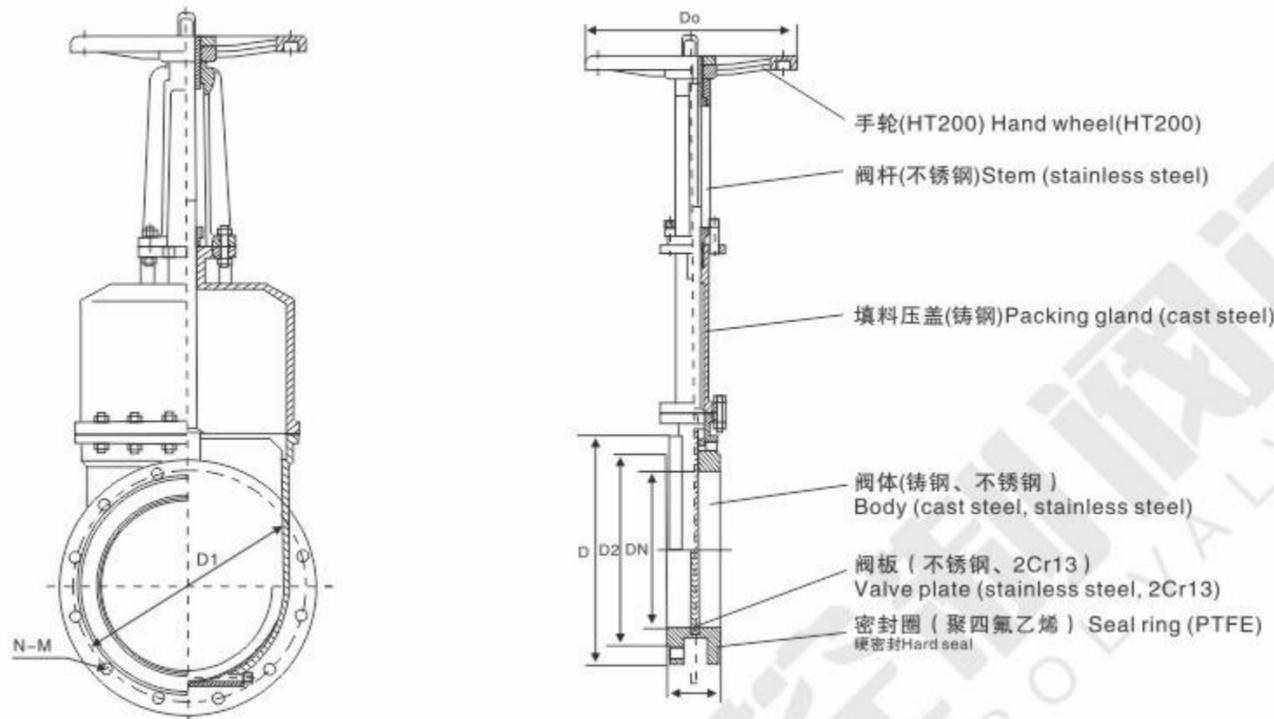
| 体、盖Body, cover | 闸板Gate | 阀杆Stem | 密封面Sealing surface |
|---|---|------------------------|---|
| 不锈钢、碳钢、灰铸铁 Stainless steel, carbon steel, gray cast iron | 碳钢、不锈钢 Carbon steel, stainless steel | 不锈钢 Stainless steel | 橡胶、四氟、不锈钢、硬质合金 Rubber, PTFE, stainless steel, hard alloy |

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

| 公称压力 PN(MPa) | 公称通径 DN(mm) | 尺寸Size (mm) | | | | | | |
|-----------------|----------------|-------------|-----|----------------|----------------|--------|--------|----------------|
| | | L | D | D ₁ | D ₂ | H | N-M | D ₀ |
| 1.0 | 50 | 60 | 160 | 125 | 100 | 300 | 4-M16 | 180 |
| | 65 | 60 | 180 | 145 | 120 | 320 | 4-M16 | 180 |
| | 80 | 70 | 195 | 160 | 135 | 340 | 4-M16 | 220 |
| | 100 | 71 | 215 | 180 | 155 | 390 | 8-M16 | 220 |
| | 125 | 71 | 245 | 210 | 185 | 430 | 8-M16 | 230 |
| | 150 | 80 | 280 | 240 | 210 | 510 | 8-M20 | 280 |
| | 200 | 80 | 335 | 295 | 265 | 580 | 8-M20 | 360 |
| | 250 | 94 | 390 | 350 | 320 | 680 | 12-M20 | 360 |
| | 300 | 98 | 440 | 400 | 368 | 840 | 12-M20 | 400 |
| | 350 | 100 | 500 | 460 | 428 | 950 | 16-M20 | 400 |
| | 400 | 110 | 565 | 515 | 482 | 1050 | 16-M22 | 400 |
| | 450 | 120 | 615 | 565 | 532 | 1170 | 20-M22 | 530 |
| | 500 | 130 | 670 | 620 | 585 | 1280 | 20-M22 | 530 |
| 600 | 140 | 780 | 725 | 685 | 1490 | 20-M27 | 600 | |

注：根据用户要求可生产全密封带防尘罩浆闸阀，主要应用于矿山、水泥、化工、食品等行业。

Note: According to user requirements to produce slurry sealed gate valve with dust cover, mainly used in mining, cement, chemical, food and other industries.



主要性能规范Main Performance Specifications

| 公称压力 PN(MPa) | 试验压力 (MPa) | | 工作温度 Working temperature (°C) | 适用介质Applicable medium |
|-----------------|------------|--------|-------------------------------------|---|
| | 壳体Case | 密封Seal | | |
| 1.0 | 1.5 | 1.1 | 橡胶 ≤80°C | 炉渣、纸浆、污水、煤渣、灰渣、泥浆、油类 Slag, pulp, sewage, cinder, ash, mud, oil |
| 1.6 | 2.4 | 1.8 | ≤425°C | |

主要性能规范Main Performance Specifications

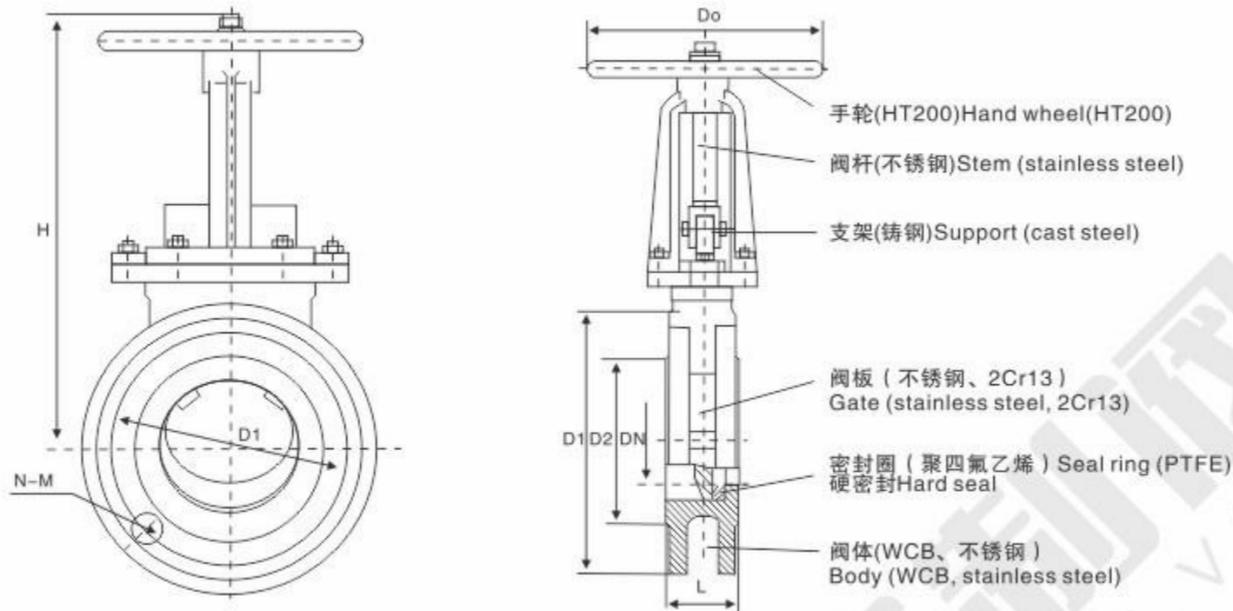
| 体、盖Body, cover | 闸板Gate | 阀杆Stem | 密封面Sealing surface |
|---|---|------------------------|---|
| 不锈钢、碳钢、灰铸铁 Stainless steel, carbon steel, gray cast iron | 碳钢、不锈钢 Carbon steel, stainless steel | 不锈钢 Stainless steel | 橡胶、四氟、不锈钢、硬质合金 Rubber, PTFE, stainless steel, hard alloy |

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

| 公称压力 PN(MPa) | 公称通径 DN(mm) | 尺寸Size (mm) | | | | | | | 重量 (Kg) |
|-----------------|----------------|-------------|------|------|------|--------|--------|-----|---------|
| | | L | D | D1 | D2 | H | N-M | D0 | |
| 1.0 | 150 | 70 | 280 | 240 | 210 | 580 | 8-M20 | 280 | |
| | 200 | 80 | 335 | 295 | 265 | 710 | 8-M20 | 360 | |
| | 250 | 85 | 390 | 350 | 320 | 800 | 12-M20 | 360 | |
| | 300 | 100 | 440 | 400 | 368 | 960 | 12-M20 | 400 | |
| | 350 | 100 | 500 | 460 | 428 | 1110 | 16-M20 | 400 | |
| | 400 | 110 | 565 | 515 | 482 | 1220 | 16-M22 | 400 | |
| | 450 | 120 | 615 | 565 | 532 | 1350 | 20-M22 | 550 | |
| | 500 | 130 | 670 | 620 | 585 | 1460 | 20-M22 | 550 | |
| | 600 | 140 | 780 | 725 | 685 | 1680 | 20-M27 | 550 | |
| | 700 | 165 | 895 | 840 | 800 | 1850 | 24-M27 | 600 | |
| | 800 | 190 | 1010 | 950 | 905 | 2180 | 24-M30 | 600 | |
| 900 | 200 | 1110 | 1050 | 1005 | 2280 | 28-M30 | 600 | | |

部件材质剖析说明Component material analysis shows

| 代号Code | 零件名称Part name | 材质说明 Material quality explanation | |
|--------|-------------------|---|---|
| | | 名称Name | 牌号Trademark |
| 1 | 圆螺母Round nut | 优质碳素钢Quality carbon steel | 25 |
| 2 | 手轮Hand wheel | 灰口铸铁Gray cast iron | HT200 |
| 3 | 轴承压盖Bearing gland | 优质碳素钢Quality carbon steel | 35 |
| 4 | 阀杆螺母Stem nut | 铝青铜Aluminum bronze | ZCuAl9Mn2、ZCuAl9Fe4NiMn2 |
| | | 铝黄铜Aluminum brass | ZCuZn25Al6Fe3Mn3 |
| 5 | 轴承Bearing | - | 51110 |
| 6 | 阀杆Stem | 不锈钢Stainless steel | 304、316、2Cr13 |
| 7 | 支架Support | 碳素钢、不锈钢 Carbon steel, stainless steel | WCB、CF8等 |
| 8 | 闸板Damper plate | 不锈钢Stainless steel | 304、316、304L、316L、2Cr13 |
| 9 | 螺栓螺母Bolt nut | 优质碳素钢Quality carbon steel | 35 |
| 10 | 填料压盖Packing cover | 碳素钢Carbon Steel | WCB |
| 11 | 填料Packing | 柔性石墨盘根 石棉盘根 增强四氟纤维盘根 Flexible graphite packing Asbestos Packing Enhanced PTFE fiber packing | - |
| 12 | 阀体Body | 碳素钢、不锈钢 Carbon steel, stainless steel | WCB、CF8(304)、CF3(304L)、CF8M(316)、 CF3M(316L)、密封座堆焊合金或不锈钢 Seal surfacing alloy or stainless steel seat |



主要性能规范Main Performance Specifications

| 公称压力 PN(MPa) | 试验压力 (MPa) | | 工作温度 Working temperature (°C) | 适用介质Applicable medium |
|-----------------|------------|--------|-------------------------------------|--|
| | 壳体Case | 密封Seal | | |
| 1.0 | 1.5 | 1.1 | 橡胶 ≤80°C | 糖浆、纸浆、污水、煤浆、灰、渣水混合物 Syrup, pulp, sewage, coal slurry, ash, slag-water mixture |
| 1.6 | 2.4 | 1.8 | H _V ≤425°C | |

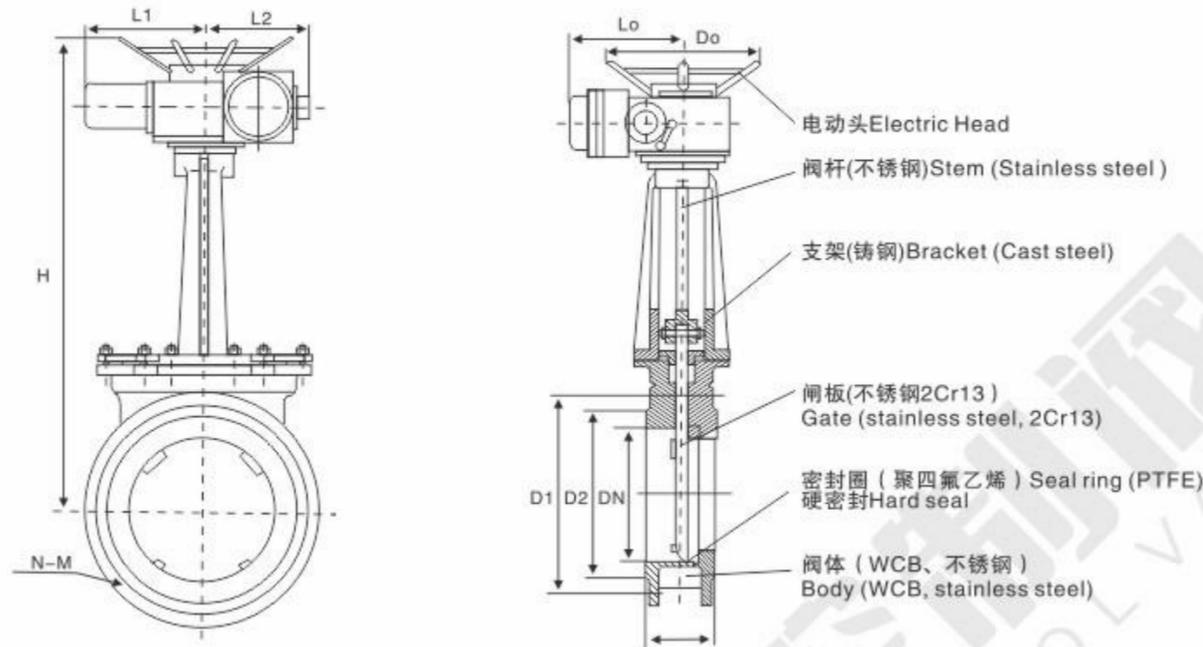
主要性能规范Main Performance Specifications

| 体、盖Body, cover | 闸板Gate | 阀杆Stem | 密封面Sealing surface |
|---|---|------------------------|---|
| 不锈钢、碳钢、灰铸铁 Stainless steel, carbon steel, gray cast iron | 碳钢、不锈钢 Carbon steel, stainless steel | 不锈钢 Stainless steel | 橡胶、四氟、不锈钢、硬质合金 Rubber, PTFE, stainless steel, hard alloy |

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

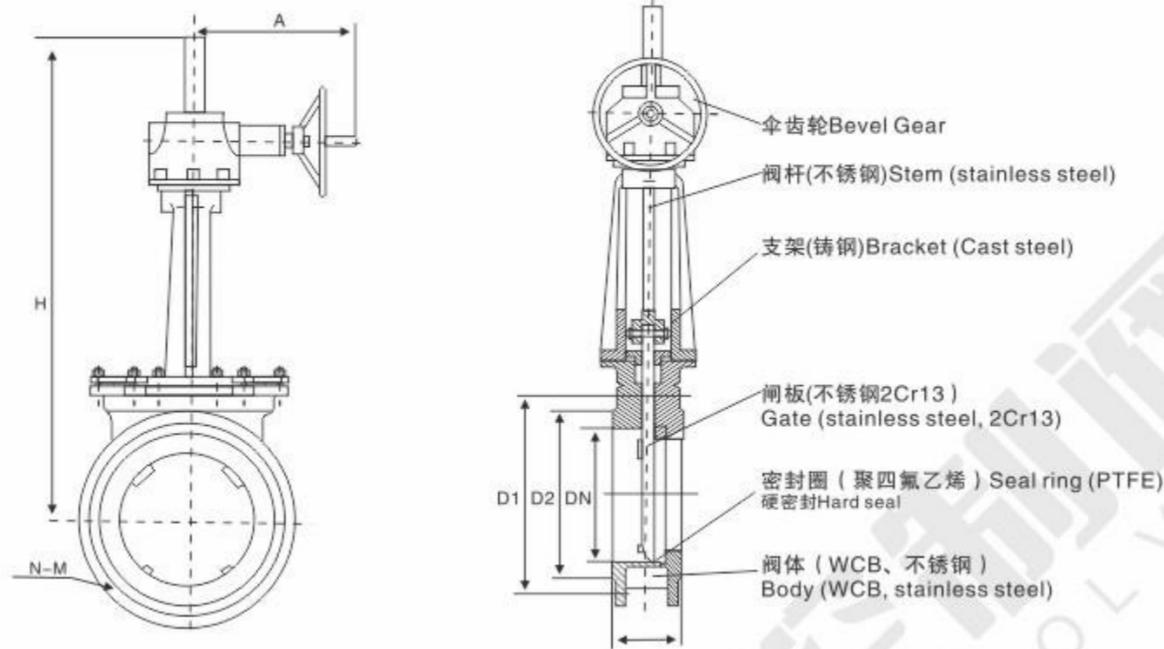
| 公称压力 PN(MPa) | 公称通径 DN(mm) | 尺寸Size (mm) | | | | | | | 重量 (Kg) |
|-----------------|----------------|-------------|------|------|------|---------|--------|-----|---------|
| | | L | D | D1 | D2 | H | N-M | D0 | |
| 1.0 | 50 | 50 | 160 | 125 | 100 | 285 | 4-M16 | 180 | |
| | 65 | 50 | 180 | 145 | 120 | 298 | 4-M16 | 180 | |
| | 80 | 50 | 195 | 160 | 135 | 315 | 4-M16 | 220 | 8 |
| | 100 | 50 | 215 | 180 | 155 | 365 | 8-M16 | 220 | 10 |
| | 125 | 50 | 245 | 210 | 185 | 400 | 8-M16 | 230 | 12 |
| | 150 | 60 | 280 | 240 | 210 | 475 | 8-M20 | 280 | 14 |
| | 200 | 60 | 335 | 295 | 265 | 540 | 8-M20 | 360 | 22 |
| | 250 | 70 | 390 | 350 | 320 | 630 | 12-M20 | 360 | 29 |
| | 300 | 80 | 440 | 400 | 368 | 780 | 12-M20 | 400 | 38 |
| | 350 | 90 | 500 | 460 | 428 | 885 | 16-M20 | 400 | 66 |
| | 400 | 100 | 565 | 515 | 482 | 990 | 16-M22 | 400 | 100 |
| | 450 | 120 | 615 | 565 | 532 | 1100 | 20-M22 | 530 | 119 |
| | 500 | 130 | 670 | 620 | 585 | 1200 | 20-M22 | 530 | 195 |
| | 600 | 140 | 780 | 725 | 685 | 1450 | 20-M27 | 600 | 285 |
| 700 | 165 | 895 | 840 | 800 | 1700 | 24-M27 | 600 | 389 | |
| 800 | 190 | 1010 | 950 | 905 | 2000 | 24-M30 | 680 | 529 | |
| 900 | 203 | 1110 | 1050 | 1005 | 2300 | 28-M30 | 680 | 790 | |
| 1.6 | 50 | 50 | 160 | 125 | 99 | 285 | 4-M16 | 180 | |
| | 65 | 50 | 185 | 145 | 120 | 295 | 4-M16 | 180 | |
| | 80 | 50 | 200 | 160 | 135 | 315 | 8-M16 | 220 | 8.5 |
| | 100 | 50 | 220 | 180 | 155 | 365 | 8-M16 | 220 | 10.7 |
| | 125 | 50 | 250 | 210 | 185 | 400 | 8-M16 | 230 | 13 |
| | 150 | 60 | 285 | 240 | 210 | 475 | 8-M20 | 280 | 15 |
| | 200 | 60 | 340 | 295 | 265 | 540 | 12-M20 | 360 | 23.5 |
| | 250 | 70 | 405 | 350 | 310 | 630 | 12-M24 | 360 | 31 |
| | 300 | 80 | 460 | 400 | 375 | 780 | 12-M24 | 400 | 40.7 |
| | 350 | 90 | 520 | 460 | 435 | 885 | 16-M24 | 400 | 70 |
| | 400 | 100 | 580 | 515 | 485 | 990 | 16-M27 | 400 | 107 |
| | 450 | 120 | 640 | 565 | 545 | 1100 | 20-M27 | 530 | 129 |
| | 500 | 130 | 715 | 620 | 609 | 1200 | 20-M30 | 530 | 215 |
| | 600 | 140 | 840 | 725 | 720 | 1450 | 20-M33 | 600 | 305 |
| 700 | 165 | 910 | 840 | 788 | 1700 | 24-M33 | 600 | 410 | |
| 800 | 190 | 1025 | 950 | 898 | 2000 | 24-M236 | 680 | 550 | |
| 900 | 203 | 1125 | 1050 | 988 | 2300 | 28-M36 | 680 | 820 | |

注: MPa1.6阀门选型按上表, 法兰连接尺寸按国际, 电动、正齿轮、气动阀门选型H尺寸增加气动、电动装置高度。
Note: MPa1.6 valve selection according to the table, flange connecting dimensions according to the international, power, gear, pneumatic valve size selection of H increased air, electric plant height.



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

| 公称压力 PN(MPa) | 公称通径 DN(mm) | 尺寸 Size (mm) | | | | | | | | | 电装型号 Electric type | 电机功率 Motor Power | 公称转矩 Nominal torque | 重量 (kg) |
|-----------------|----------------|--------------|-----|------|------|-----|-----|-----|--------|--------|-----------------------|---------------------|------------------------|------------|
| | | L | D1 | D2 | H | D0 | L0 | L1 | L2 | N-M | | | | |
| 0.6 | 50 | 50 | 110 | 90 | 370 | 365 | 283 | 326 | 219 | 4-M12 | DZ10 | 0.25 | 100 | 52.3 |
| | 65 | 50 | 130 | 110 | 460 | 365 | 283 | 326 | 219 | 4-M12 | DZ10 | 0.25 | 100 | 53 |
| | 80 | 50 | 150 | 125 | 590 | 365 | 283 | 326 | 219 | 4-M16 | DZ10 | 0.25 | 100 | 55 |
| | 100 | 50 | 170 | 145 | 780 | 365 | 283 | 326 | 219 | 8-M16 | DZ10 | 0.25 | 100 | 57.4 |
| | 125 | 50 | 200 | 175 | 950 | 365 | 283 | 326 | 219 | 8-M16 | DZ10 | 0.25 | 100 | 62 |
| | 150 | 60 | 225 | 200 | 980 | 365 | 283 | 326 | 219 | 8-M16 | DZ10 | 0.25 | 100 | 71.3 |
| | 200 | 60 | 280 | 255 | 1053 | 365 | 283 | 371 | 219 | 8-M16 | DZ15 | 0.37 | 150 | 80.5 |
| | 250 | 70 | 335 | 310 | 1060 | 365 | 283 | 371 | 219 | 12-M16 | DZ20 | 0.37 | 200 | 99.6 |
| | 300 | 80 | 395 | 362 | 1230 | 365 | 283 | 371 | 219 | 12-M20 | DZ20 | 0.37 | 200 | 122.7 |
| | 350 | 90 | 445 | 412 | 1250 | 365 | 283 | 371 | 219 | 12-M20 | DZ30 | 0.55 | 300 | 148 |
| | 400 | 100 | 498 | 462 | 1767 | 365 | 283 | 371 | 219 | 16-M20 | DZ30 | 0.55 | 300 | 158 |
| | 450 | 120 | 550 | 518 | 1920 | 560 | 365 | 470 | 310 | 16-M20 | DZ45 | 1.5 | 450 | 224 |
| 500 | 130 | 600 | 568 | 2010 | 560 | 365 | 470 | 310 | 16-M20 | DZ45 | 1.5 | 450 | 241 | |
| 600 | 140 | 705 | 670 | 2110 | 560 | 365 | 470 | 310 | 20-M22 | DZ60 | 2.2 | 600 | 335 | |
| 1.0 | 50 | 50 | 125 | 100 | 370 | 365 | 283 | 326 | 219 | 4-M16 | DZ10 | 0.25 | 100 | 54 |
| | 65 | 50 | 145 | 120 | 460 | 365 | 283 | 326 | 219 | 4-M16 | DZ10 | 0.25 | 100 | 60 |
| | 80 | 50 | 160 | 135 | 590 | 365 | 283 | 326 | 219 | 4-M16 | DZ10 | 0.25 | 100 | 62 |
| | 100 | 50 | 180 | 155 | 780 | 365 | 283 | 326 | 219 | 8-M16 | DZ10 | 0.25 | 100 | 66 |
| | 125 | 50 | 210 | 185 | 950 | 365 | 283 | 326 | 219 | 8-M16 | DZ10 | 0.25 | 100 | 76 |
| | 150 | 60 | 240 | 210 | 980 | 365 | 283 | 326 | 219 | 8-M20 | DZ15 | 0.25 | 150 | 84 |
| | 200 | 60 | 295 | 265 | 1053 | 365 | 283 | 371 | 219 | 8-M20 | DZ20 | 0.37 | 200 | 106 |
| | 250 | 70 | 350 | 320 | 1060 | 365 | 283 | 371 | 219 | 12-M20 | DZ20 | 0.37 | 200 | 120 |
| | 300 | 80 | 400 | 368 | 1230 | 365 | 283 | 371 | 219 | 12-M20 | DZ30 | 0.37 | 300 | 218 |
| | 350 | 90 | 460 | 428 | 1250 | 365 | 283 | 371 | 219 | 16-M20 | DZ30 | 0.55 | 300 | 230 |
| | 400 | 100 | 515 | 482 | 1767 | 365 | 283 | 371 | 219 | 16-M22 | DZ45 | 0.55 | 450 | 297 |
| | 450 | 120 | 565 | 532 | 1920 | 560 | 365 | 470 | 310 | 20-M22 | DZ45 | 1.5 | 450 | 369 |
| 500 | 130 | 620 | 585 | 2010 | 560 | 365 | 470 | 310 | 20-M22 | DZ60 | 1.5 | 600 | 420 | |
| 600 | 140 | 725 | 685 | 2110 | 560 | 365 | 470 | 310 | 20-M27 | DZ60 | 2.2 | 600 | 520 | |
| 1.6 | 50 | 50 | 125 | 100 | 370 | 365 | 283 | 326 | 219 | 4-M16 | DZ10 | 0.25 | 100 | 650 |
| | 65 | 50 | 145 | 120 | 460 | 365 | 283 | 326 | 219 | 4-M16 | DZ10 | 0.25 | 100 | 65 |
| | 80 | 50 | 160 | 135 | 590 | 365 | 283 | 326 | 219 | 8-M16 | DZ10 | 0.25 | 100 | 68 |
| | 100 | 50 | 180 | 155 | 780 | 365 | 283 | 326 | 219 | 8-M16 | DZ10 | 0.25 | 100 | 74 |
| | 125 | 50 | 210 | 185 | 950 | 365 | 283 | 326 | 219 | 8-M16 | DZ10 | 0.25 | 100 | 77 |
| | 150 | 60 | 240 | 210 | 980 | 365 | 283 | 326 | 219 | 8-M30 | DZ15 | 0.25 | 150 | 96 |
| | 200 | 60 | 295 | 265 | 1053 | 365 | 283 | 371 | 219 | 12-M20 | DZ20 | 0.37 | 200 | 114 |
| | 250 | 70 | 355 | 320 | 1060 | 365 | 283 | 371 | 219 | 12-M22 | DZ20 | 0.37 | 200 | 135 |
| | 300 | 80 | 410 | 375 | 1230 | 365 | 283 | 371 | 219 | 12-M22 | DZ30 | 0.37 | 300 | 230 |
| | 350 | 90 | 470 | 435 | 1250 | 365 | 283 | 371 | 219 | 16-M22 | DZ30 | 0.55 | 300 | 251 |
| | 400 | 100 | 525 | 485 | 1767 | 365 | 283 | 371 | 219 | 16-M27 | DZ45 | 0.55 | 450 | 130 |
| | 450 | 120 | 585 | 545 | 1920 | 560 | 365 | 470 | 310 | 20-M27 | DZ45 | 1.5 | 450 | 378 |
| 500 | 130 | 650 | 608 | 2010 | 560 | 365 | 470 | 310 | 20-M30 | DZ60 | 1.5 | 600 | 435 | |
| 600 | 140 | 770 | 718 | 2110 | 560 | 365 | 470 | 310 | 20-M36 | DZ60 | 2.2 | 600 | 530 | |



主要性能规范 Main Performance Specifications

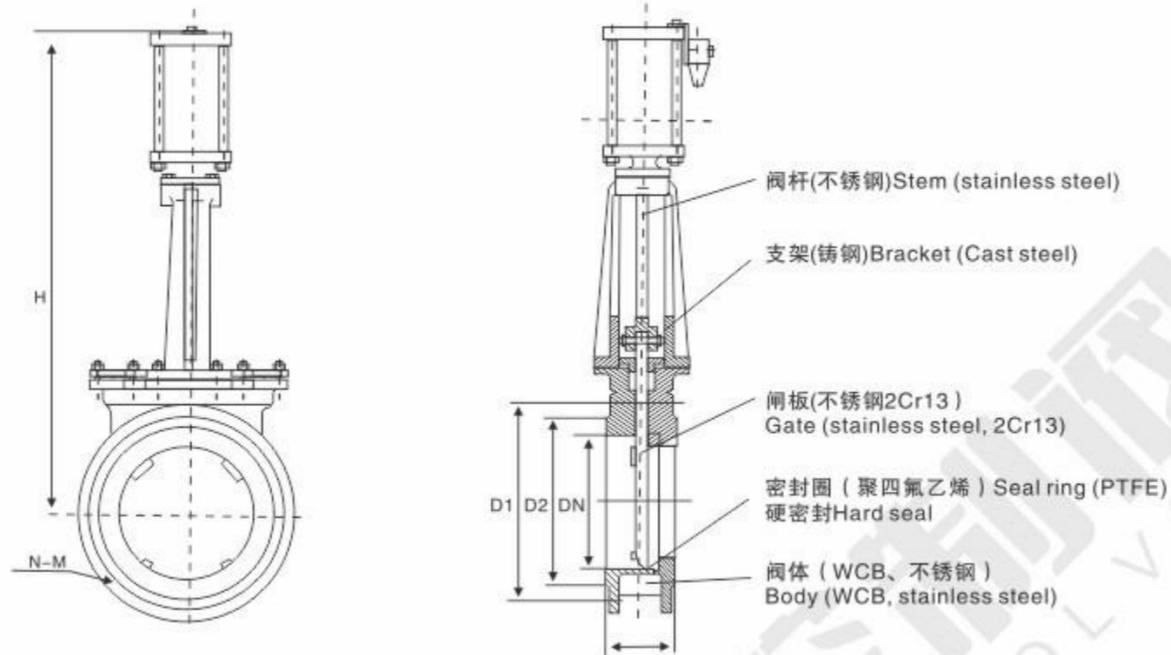
| 公称压力 PN(MPa) | 试验压力 (MPa) | | 工作温度 Working temperature (°C) | 适用介质 Applicable medium |
|-----------------|------------|---------|-------------------------------------|--|
| | 壳体 Case | 密封 Seal | | |
| 1.0 | 1.5 | 1.1 | 橡胶 ≤80°C | 糖浆、纸浆、污水、煤浆、灰、渣水混合物 Syrup, pulp, sewage, coal slurry, ash, slag-water mixture |
| 1.6 | 2.4 | 1.8 | H ≤425°C | |

主要性能规范 Main Performance Specifications

| 体、盖 Body, cover | 闸板 Gate | 阀杆 Stem | 密封面 Sealing surface |
|---|---|------------------------|---|
| 不锈钢、碳钢、灰铸铁 Stainless steel, carbon steel, gray cast iron | 碳钢、不锈钢 Carbon steel, stainless steel | 不锈钢 Stainless steel | 橡胶、四氟、不锈钢、硬质合金 Rubber, PTFE, stainless steel, hard alloy |

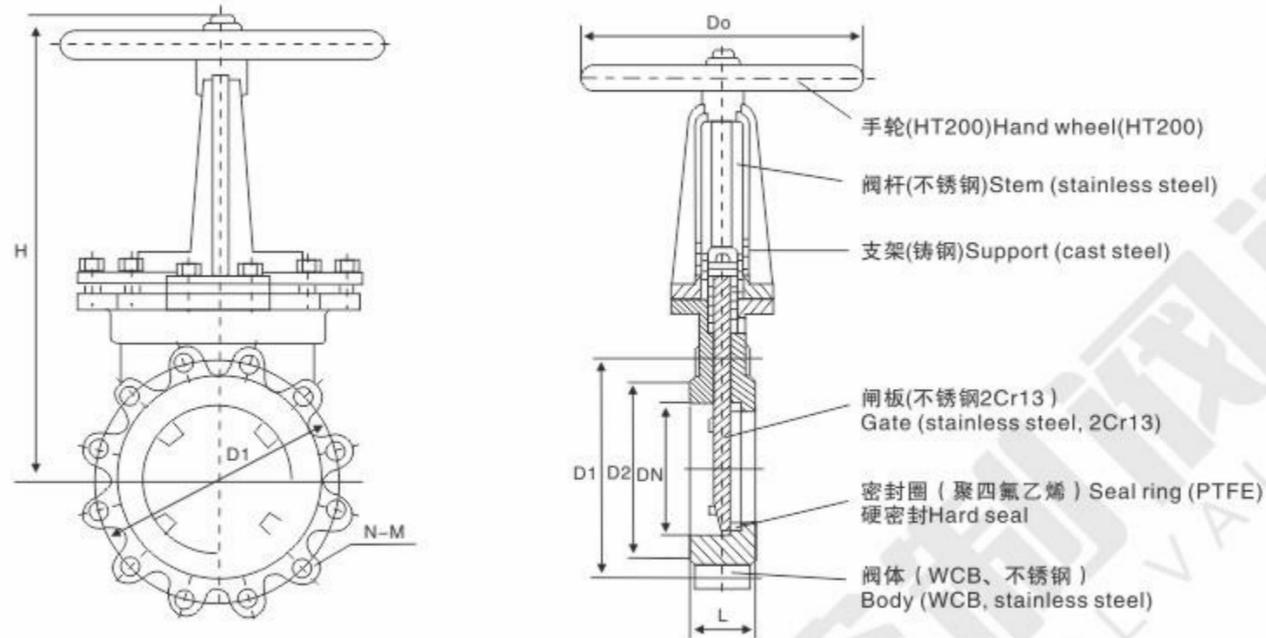
主要外形及连接尺寸 Main external and connection dimension

| 公称压力 PN(MPa) | 公称通径 DN(mm) | 尺寸 Size (mm) | | | | | | |
|-----------------|----------------|--------------|-----|-----|-----|------|--------|-----|
| | | L | D | D1 | D2 | H | N-M | D0 |
| 1.0 | 50 | 50 | 160 | 125 | 100 | 370 | 4-M16 | 180 |
| | 65 | 50 | 180 | 145 | 120 | 400 | 4-M16 | 180 |
| | 80 | 50 | 195 | 160 | 135 | 440 | 4-M16 | 220 |
| | 100 | 50 | 215 | 180 | 155 | 510 | 8-M16 | 220 |
| | 125 | 50 | 245 | 210 | 185 | 580 | 8-M16 | 230 |
| | 150 | 60 | 280 | 240 | 210 | 690 | 8-M20 | 280 |
| | 200 | 60 | 335 | 295 | 265 | 800 | 8-M20 | 360 |
| | 250 | 70 | 390 | 350 | 320 | 960 | 12-M20 | 360 |
| | 300 | 80 | 440 | 400 | 368 | 1200 | 12-M20 | 400 |
| | 350 | 90 | 500 | 460 | 428 | 1360 | 16-M20 | 400 |
| | 400 | 100 | 565 | 515 | 482 | 1550 | 16-M22 | 400 |
| | 450 | 120 | 615 | 565 | 532 | 1700 | 20-M22 | 530 |
| | 500 | 130 | 670 | 620 | 585 | 1900 | 20-M22 | 530 |
| | 600 | 140 | 780 | 725 | 685 | 2400 | 20-M27 | 600 |
| 1.6 | 50 | 50 | 160 | 125 | 99 | 370 | 4-M16 | 180 |
| | 65 | 50 | 185 | 145 | 120 | 400 | 4-M16 | 180 |
| | 80 | 50 | 200 | 160 | 135 | 440 | 8-M16 | 220 |
| | 100 | 50 | 220 | 180 | 155 | 510 | 8-M16 | 220 |
| | 125 | 50 | 250 | 210 | 185 | 580 | 8-M16 | 230 |
| | 150 | 60 | 285 | 240 | 210 | 690 | 8-M20 | 280 |
| | 200 | 60 | 340 | 295 | 265 | 800 | 12-M20 | 360 |
| | 250 | 70 | 405 | 350 | 310 | 960 | 12-M22 | 360 |
| | 300 | 80 | 460 | 410 | 375 | 1200 | 12-M22 | 400 |
| | 350 | 90 | 520 | 470 | 435 | 1360 | 16-M22 | 400 |
| | 400 | 100 | 580 | 525 | 485 | 1550 | 16-M27 | 400 |
| | 450 | 120 | 640 | 585 | 545 | 1700 | 20-M27 | 530 |
| | 500 | 130 | 715 | 650 | 609 | 1900 | 20-M30 | 530 |
| | 600 | 140 | 840 | 770 | 720 | 2400 | 20-M36 | 600 |



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

| 公称压力 PN(MPa) | 公称口径 DN(mm) | 尺寸Size (mm) | | | | | |
|-----------------|----------------|-------------|-----|-----|------|--------|--------|
| | | L | D | D1 | D2 | H | N-M |
| 0.6 | 50 | 50 | 140 | 110 | 90 | 335 | 4-M12 |
| | 65 | 50 | 160 | 130 | 110 | 363 | 4-M12 |
| | 80 | 50 | 185 | 150 | 125 | 395 | 4-M16 |
| | 100 | 50 | 205 | 170 | 145 | 465 | 8-M16 |
| | 125 | 50 | 235 | 200 | 175 | 530 | 8-M16 |
| | 150 | 60 | 260 | 225 | 200 | 630 | 8-M16 |
| | 200 | 60 | 315 | 280 | 255 | 750 | 8-M16 |
| | 250 | 70 | 370 | 335 | 310 | 900 | 12-M16 |
| | 300 | 80 | 435 | 395 | 362 | 1120 | 12-M20 |
| | 350 | 90 | 485 | 445 | 412 | 1260 | 12-M20 |
| | 400 | 100 | 535 | 498 | 462 | 1450 | 16-M20 |
| | 450 | 120 | 590 | 550 | 518 | 1600 | 16-M20 |
| | 500 | 130 | 640 | 600 | 568 | 1800 | 16-M20 |
| 600 | 140 | 755 | 705 | 670 | 2300 | 20-M22 | |
| 1.0 | 50 | 50 | 160 | 125 | 100 | 335 | 4-M16 |
| | 65 | 50 | 180 | 145 | 120 | 363 | 4-M16 |
| | 80 | 50 | 195 | 160 | 135 | 395 | 4-M16 |
| | 100 | 50 | 215 | 180 | 155 | 465 | 8-M16 |
| | 125 | 50 | 245 | 210 | 185 | 530 | 8-M16 |
| | 150 | 60 | 280 | 240 | 210 | 630 | 8-M20 |
| | 200 | 60 | 335 | 295 | 265 | 750 | 8-M20 |
| | 250 | 70 | 390 | 350 | 320 | 900 | 12-M20 |
| | 300 | 80 | 440 | 400 | 368 | 1120 | 12-M20 |
| | 350 | 90 | 500 | 460 | 428 | 1260 | 16-M20 |
| | 400 | 100 | 565 | 515 | 482 | 1450 | 16-M22 |
| | 450 | 120 | 615 | 565 | 532 | 1600 | 20-M22 |
| | 500 | 130 | 670 | 620 | 585 | 1800 | 20-M22 |
| 600 | 140 | 780 | 725 | 685 | 2300 | 20-M27 | |
| 1.6 | 50 | 50 | 160 | 125 | 100 | 335 | 4-M16 |
| | 65 | 50 | 185 | 145 | 120 | 363 | 4-M16 |
| | 80 | 50 | 200 | 160 | 135 | 395 | 8-M16 |
| | 100 | 50 | 220 | 180 | 155 | 480 | 8-M16 |
| | 125 | 50 | 250 | 210 | 185 | 540 | 8-M16 |
| | 150 | 60 | 285 | 240 | 210 | 645 | 8-M30 |
| | 200 | 60 | 340 | 295 | 265 | 770 | 12-M20 |
| | 250 | 70 | 405 | 355 | 320 | 920 | 12-M22 |
| | 300 | 80 | 460 | 410 | 375 | 1150 | 12-M22 |
| | 350 | 90 | 520 | 470 | 435 | 1300 | 16-M22 |
| | 400 | 100 | 580 | 525 | 485 | 1500 | 16-M27 |
| | 450 | 120 | 640 | 585 | 545 | 1650 | 20-M27 |
| | 500 | 130 | 715 | 650 | 608 | 1850 | 20-M30 |
| 600 | 140 | 840 | 770 | 718 | 2360 | 20-M36 | |



主要性能规范Main Performance Specifications

| 公称压力 PN(MPa) | 试验压力 (MPa) | | 工作温度 Working temperature (°C) | 适用介质Applicable medium |
|-----------------|------------|--------|-------------------------------------|--|
| | 壳体Case | 密封Seal | | |
| 1.0 | 1.5 | 1.1 | 橡胶 ≤80°C | 纸浆、污水、煤浆、灰、糖浆、渣水混合物 Pulp, sewage, coal slurry, ash, syrup, slag-water mixture |
| 1.6 | 2.4 | 1.8 | H _v ≤425°C | |

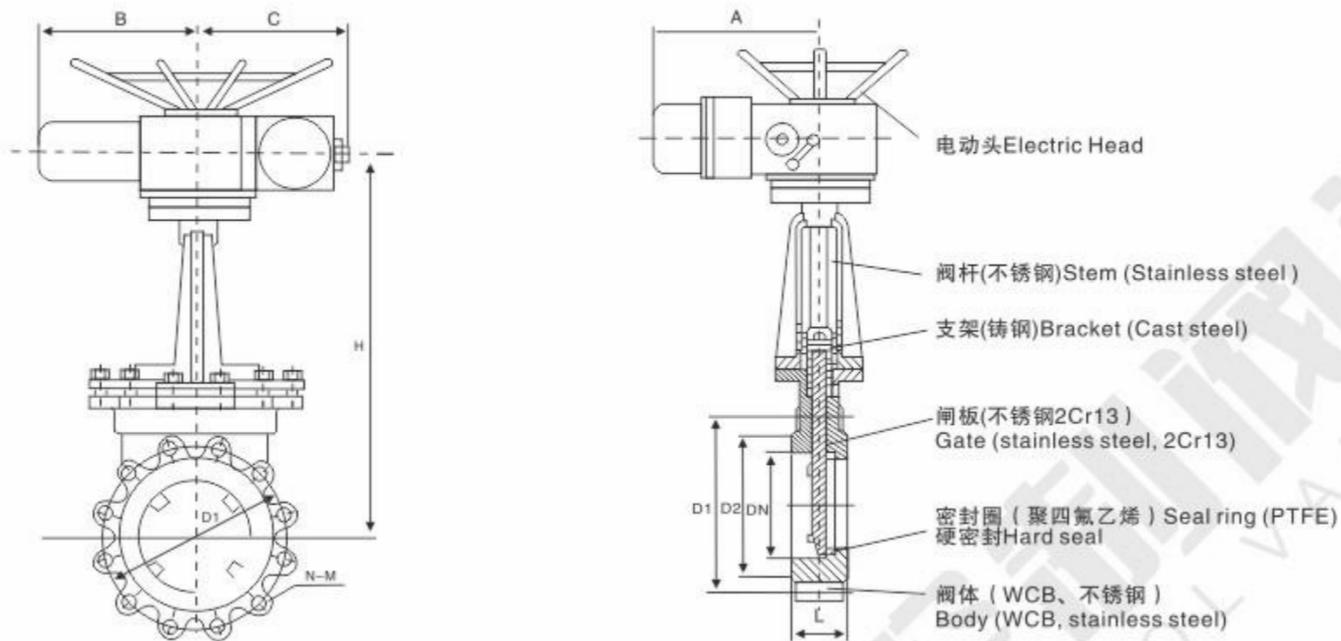
主要性能规范Main Performance Specifications

| 体、盖Body, cover | 闸板Gate | 阀杆Stem | 密封面Sealing surface |
|---|---|------------------------|---|
| 不锈钢、碳钢、灰铸铁 Stainless steel, carbon steel, gray cast iron | 碳钢、不锈钢 Carbon steel, stainless steel | 不锈钢 Stainless steel | 橡胶、四氟、不锈钢、硬质合金 Rubber, PTFE, stainless steel, hard alloy |

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

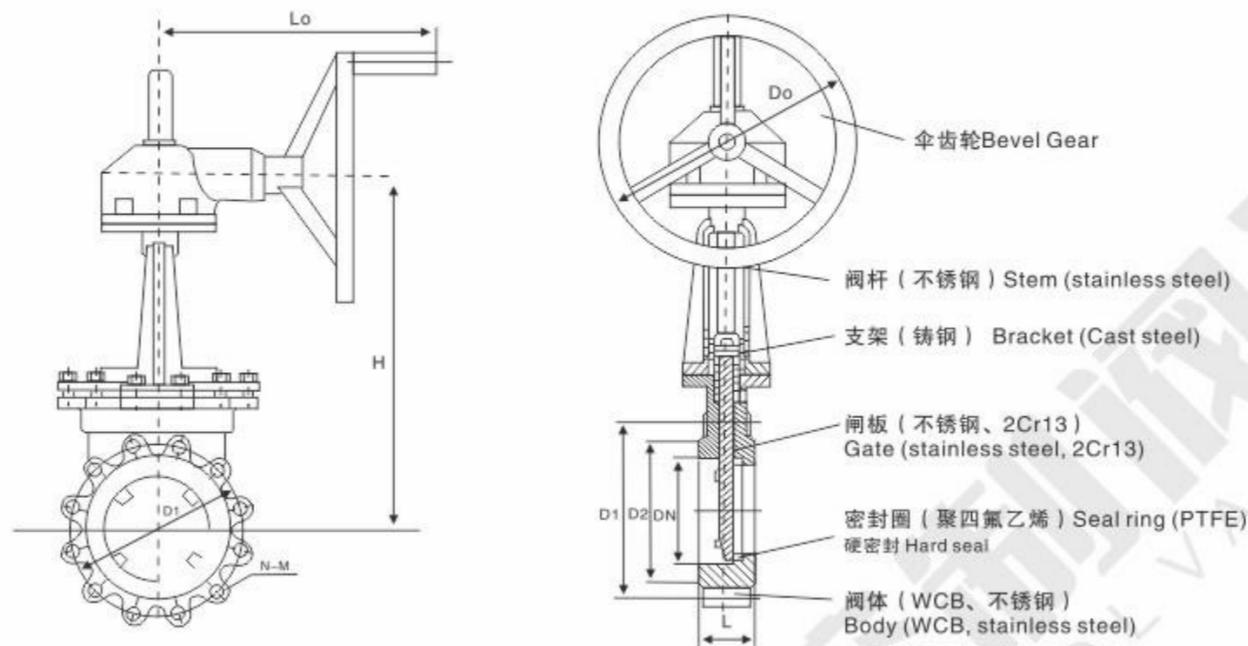
| 公称压力 PN(MPa) | 公称通径 DN(mm) | 尺寸Size (mm) | | | | | | | 重量 (Kg) |
|-----------------|----------------|-------------|------|------|------|--------|--------|-----|---------|
| | | L | D | D1 | D2 | H | N-M | D0 | |
| 1.0 | 50 | 48 | 160 | 125 | 100 | 285 | 4-M16 | 180 | 8 |
| | 65 | 48 | 180 | 145 | 120 | 298 | 4-M16 | 180 | 10 |
| | 80 | 50 | 195 | 160 | 135 | 315 | 4-M16 | 220 | 12 |
| | 100 | 50 | 215 | 180 | 155 | 365 | 8-M16 | 220 | 14 |
| | 125 | 57 | 245 | 210 | 185 | 400 | 8-M16 | 230 | 22 |
| | 150 | 57 | 280 | 240 | 210 | 475 | 8-M20 | 280 | 29 |
| | 200 | 70 | 335 | 295 | 265 | 540 | 8-M20 | 360 | 38 |
| | 250 | 70 | 390 | 350 | 320 | 630 | 12-M20 | 360 | 66 |
| | 300 | 76 | 440 | 400 | 368 | 780 | 12-M20 | 400 | 100 |
| | 350 | 76 | 500 | 460 | 428 | 885 | 16-M20 | 400 | 119 |
| | 400 | 89 | 565 | 515 | 482 | 990 | 16-M22 | 400 | 195 |
| | 450 | 89 | 615 | 565 | 532 | 1100 | 20-M22 | 530 | 285 |
| | 500 | 114 | 670 | 620 | 585 | 1200 | 20-M22 | 530 | 389 |
| | 600 | 114 | 780 | 725 | 685 | 1450 | 20-M27 | 600 | 529 |
| 700 | 130 | 895 | 840 | 800 | 1700 | 24-M27 | 600 | 790 | |
| 800 | 130 | 1010 | 950 | 905 | 2000 | 24-M30 | 680 | | |
| 900 | 140 | 1110 | 1050 | 1005 | 2300 | 28-M30 | 680 | | |
| 1.6 | 50 | 48 | 160 | 125 | 99 | 285 | 4-M16 | 180 | 8.5 |
| | 65 | 48 | 185 | 145 | 118 | 295 | 4-M16 | 180 | 10.7 |
| | 80 | 50 | 200 | 160 | 132 | 315 | 8-M16 | 220 | 13 |
| | 100 | 50 | 220 | 180 | 156 | 365 | 8-M16 | 220 | 15 |
| | 125 | 57 | 250 | 210 | 184 | 400 | 8-M16 | 230 | 23.5 |
| | 150 | 57 | 285 | 240 | 211 | 475 | 8-M20 | 280 | 31 |
| | 200 | 70 | 340 | 295 | 266 | 540 | 12-M20 | 360 | 40.7 |
| | 250 | 70 | 405 | 350 | 319 | 630 | 12-M24 | 360 | 70 |
| | 300 | 76 | 460 | 400 | 370 | 780 | 12-M24 | 400 | 107 |
| | 350 | 76 | 520 | 460 | 429 | 885 | 16-M24 | 400 | 129 |
| | 400 | 89 | 580 | 515 | 480 | 990 | 16-M27 | 400 | 215 |
| | 450 | 89 | 640 | 565 | 548 | 1100 | 20-M27 | 530 | 305 |
| | 500 | 114 | 715 | 620 | 609 | 1200 | 20-M30 | 530 | 410 |
| | 600 | 114 | 840 | 725 | 720 | 1450 | 20-M33 | 600 | 550 |
| 700 | 130 | 910 | 840 | 794 | 1700 | 24-M33 | 600 | 820 | |
| 800 | 130 | 1025 | 950 | 901 | 2000 | 24-M33 | 680 | | |
| 900 | 140 | 1125 | 1050 | 1001 | 2300 | 28-M36 | 680 | | |

注：根据用户要求可生产全密封带防尘罩浆闸阀，主要应用于矿山、水泥、化工、食品等行业。
Note: According to user requirements to produce slurry sealed gate valve with dust cover, mainly used in mining, cement, chemical, food and other industries.



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

| 公称压力 PN(MPa) | 公称口径 DN(mm) | 尺寸 Size (mm) | | | | | | | | | 电装型号 Denso type | 电机功率 Motor Power | 公称转矩 Nominal torque | 重量 (Kg) |
|-----------------|----------------|--------------|-----|------|------|-----|-----|-----|--------|--------|--------------------|---------------------|------------------------|------------|
| | | L | D1 | D2 | H | D0 | L0 | L1 | L2 | N-M | | | | |
| 0.6 | 50 | 50 | 110 | 90 | 370 | 365 | 283 | 326 | 219 | 4-M12 | DZ10 | 0.25 | 100 | 52.3 |
| | 65 | 50 | 130 | 110 | 460 | 365 | 283 | 326 | 219 | 4-M12 | DZ10 | 0.25 | 100 | 53 |
| | 80 | 50 | 150 | 125 | 590 | 365 | 283 | 326 | 219 | 4-M16 | DZ10 | 0.25 | 100 | 55 |
| | 100 | 50 | 170 | 145 | 780 | 365 | 283 | 326 | 219 | 8-M16 | DZ10 | 0.25 | 100 | 57.4 |
| | 125 | 50 | 200 | 175 | 950 | 365 | 283 | 326 | 219 | 8-M16 | DZ10 | 0.25 | 100 | 62 |
| | 150 | 60 | 225 | 200 | 980 | 365 | 283 | 326 | 219 | 8-M16 | DZ10 | 0.25 | 100 | 71.3 |
| | 200 | 60 | 280 | 255 | 1053 | 365 | 283 | 371 | 219 | 8-M16 | DZ15 | 0.37 | 150 | 80.5 |
| | 250 | 70 | 335 | 310 | 1060 | 365 | 283 | 371 | 219 | 12-M16 | DZ20 | 0.37 | 200 | 99.6 |
| | 300 | 80 | 395 | 362 | 1230 | 365 | 283 | 371 | 219 | 12-M20 | DZ20 | 0.37 | 200 | 122.7 |
| | 350 | 90 | 445 | 412 | 1250 | 365 | 283 | 371 | 219 | 12-M20 | DZ30 | 0.55 | 300 | 148 |
| | 400 | 100 | 498 | 462 | 1767 | 365 | 283 | 371 | 219 | 16-M20 | DZ30 | 0.55 | 300 | 158 |
| | 450 | 120 | 550 | 518 | 1920 | 560 | 365 | 470 | 310 | 16-M20 | DZ45 | 1.5 | 450 | 224 |
| 500 | 130 | 600 | 568 | 2010 | 560 | 365 | 470 | 310 | 16-M20 | DZ45 | 1.5 | 450 | 241 | |
| 600 | 140 | 705 | 670 | 2110 | 560 | 365 | 470 | 310 | 20-M22 | DZ60 | 2.2 | 600 | 335 | |
| 1.0 | 50 | 50 | 125 | 100 | 370 | 365 | 283 | 326 | 219 | 4-M16 | DZ10 | 0.25 | 100 | 54 |
| | 65 | 50 | 145 | 120 | 460 | 365 | 283 | 326 | 219 | 4-M16 | DZ10 | 0.25 | 100 | 60 |
| | 80 | 50 | 160 | 135 | 590 | 365 | 283 | 326 | 219 | 4-M16 | DZ10 | 0.25 | 100 | 62 |
| | 100 | 50 | 180 | 155 | 780 | 365 | 283 | 326 | 219 | 8-M16 | DZ10 | 0.25 | 100 | 66 |
| | 125 | 50 | 210 | 185 | 950 | 365 | 283 | 326 | 219 | 8-M16 | DZ10 | 0.25 | 100 | 76 |
| | 150 | 60 | 240 | 210 | 980 | 365 | 283 | 326 | 219 | 8-M20 | DZ15 | 0.25 | 150 | 84 |
| | 200 | 60 | 295 | 265 | 1053 | 365 | 283 | 371 | 219 | 8-M20 | DZ20 | 0.37 | 200 | 106 |
| | 250 | 70 | 350 | 320 | 1060 | 365 | 283 | 371 | 219 | 12-M20 | DZ20 | 0.37 | 200 | 120 |
| | 300 | 80 | 400 | 368 | 1230 | 365 | 283 | 371 | 219 | 12-M20 | DZ30 | 0.37 | 300 | 218 |
| | 350 | 90 | 460 | 428 | 1250 | 365 | 283 | 371 | 219 | 16-M20 | DZ30 | 0.55 | 300 | 230 |
| | 400 | 100 | 515 | 482 | 1767 | 365 | 283 | 371 | 219 | 16-M22 | DZ45 | 0.55 | 450 | 297 |
| | 450 | 120 | 565 | 532 | 1920 | 560 | 365 | 470 | 310 | 20-M22 | DZ45 | 1.5 | 450 | 369 |
| 500 | 130 | 620 | 585 | 2010 | 560 | 365 | 470 | 310 | 20-M22 | DZ60 | 1.5 | 600 | 420 | |
| 600 | 140 | 725 | 685 | 2110 | 560 | 365 | 470 | 310 | 20-M27 | DZ60 | 2.2 | 600 | 520 | |
| 1.6 | 50 | 50 | 125 | 100 | 370 | 365 | 283 | 326 | 219 | 4-M16 | DZ10 | 0.25 | 100 | 650 |
| | 65 | 50 | 145 | 120 | 460 | 365 | 283 | 326 | 219 | 4-M16 | DZ10 | 0.25 | 100 | 65 |
| | 80 | 50 | 160 | 135 | 590 | 365 | 283 | 326 | 219 | 8-M16 | DZ10 | 0.25 | 100 | 68 |
| | 100 | 50 | 180 | 155 | 780 | 365 | 283 | 326 | 219 | 8-M16 | DZ10 | 0.25 | 100 | 74 |
| | 125 | 50 | 210 | 185 | 950 | 365 | 283 | 326 | 219 | 8-M16 | DZ10 | 0.25 | 100 | 77 |
| | 150 | 60 | 240 | 210 | 980 | 365 | 283 | 326 | 219 | 8-M30 | DZ15 | 0.25 | 150 | 96 |
| | 200 | 60 | 295 | 265 | 1053 | 365 | 283 | 371 | 219 | 12-M20 | DZ20 | 0.37 | 200 | 114 |
| | 250 | 70 | 355 | 320 | 1060 | 365 | 283 | 371 | 219 | 12-M22 | DZ20 | 0.37 | 200 | 135 |
| | 300 | 80 | 410 | 375 | 1230 | 365 | 283 | 371 | 219 | 12-M22 | DZ30 | 0.37 | 300 | 230 |
| | 350 | 90 | 470 | 435 | 1250 | 365 | 283 | 371 | 219 | 16-M22 | DZ30 | 0.55 | 300 | 251 |
| | 400 | 100 | 525 | 485 | 1767 | 365 | 283 | 371 | 219 | 16-M27 | DZ45 | 0.55 | 450 | 130 |
| | 450 | 120 | 585 | 545 | 1920 | 560 | 365 | 470 | 310 | 20-M27 | DZ45 | 1.5 | 450 | 378 |
| 500 | 130 | 650 | 608 | 2010 | 560 | 365 | 470 | 310 | 20-M30 | DZ60 | 1.5 | 600 | 435 | |
| 600 | 140 | 770 | 718 | 2110 | 560 | 365 | 470 | 310 | 20-M36 | DZ60 | 2.2 | 600 | 530 | |



主要性能规范Main Performance Specifications

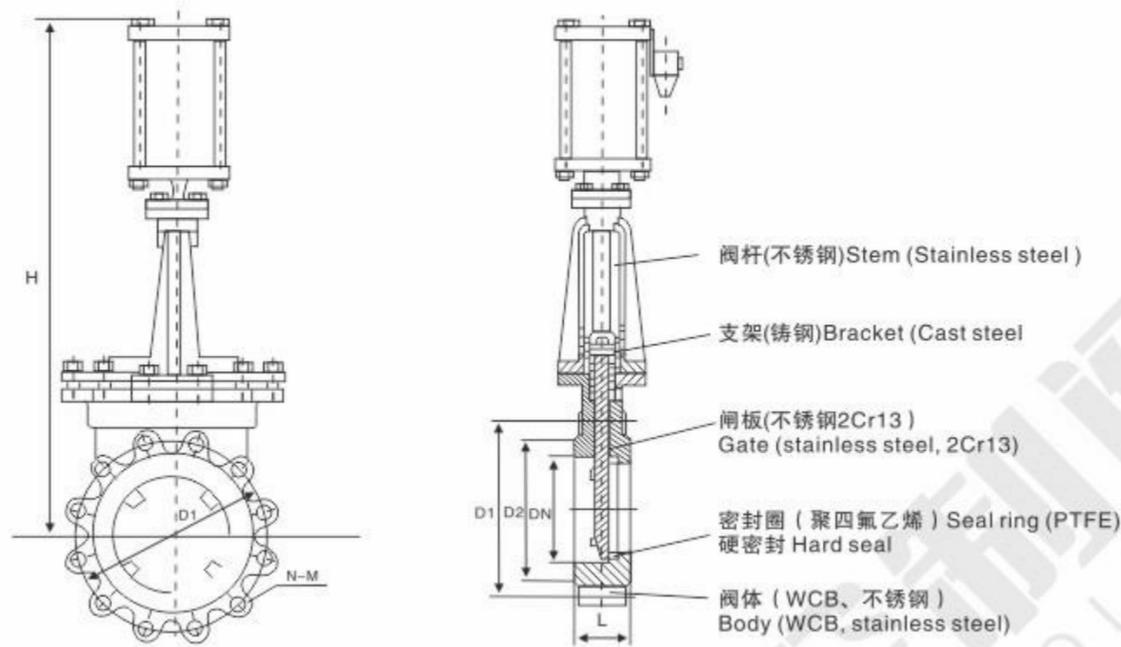
| 公称压力 PN(MPa) | 试验压力 (MPa) | | 工作温度 Working temperature (°C) | 适用介质Applicable medium |
|-----------------|------------|--------|-------------------------------------|--|
| | 壳体Case | 密封Seal | | |
| 1.0 | 1.5 | 1.1 | 橡胶 ≤80°C | 糖浆、纸浆、污水、煤浆、灰、渣水混合物 Syrup, pulp, sewage, coal slurry, ash, slag-water mixture |
| 1.6 | 2.4 | 1.8 | H ≤425°C | |

主要性能规范Main Performance Specifications

| 体、盖Body, cover | 闸板Gate | 阀杆Stem | 密封面Sealing surface |
|---|---|------------------------|---|
| 不锈钢、碳钢、灰铸铁 Stainless steel, carbon steel, gray cast iron | 碳钢、不锈钢 Carbon steel, stainless steel | 不锈钢 Stainless steel | 橡胶、四氟、不锈钢、硬质合金 Rubber, PTFE, stainless steel, hard alloy |

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

| 公称压力 PN(MPa) | 公称通径 DN(mm) | 尺寸Size (mm) | | | | | | |
|-----------------|----------------|-------------|-----|-----|------|--------|--------|-----|
| | | L | D | D1 | D2 | H | N-M | D0 |
| 1.0 | 50 | 48 | 160 | 125 | 100 | 370 | 4-M16 | 180 |
| | 65 | 48 | 180 | 145 | 120 | 400 | 4-M16 | 180 |
| | 80 | 50 | 195 | 160 | 135 | 440 | 4-M16 | 220 |
| | 100 | 50 | 215 | 180 | 155 | 510 | 8-M16 | 220 |
| | 125 | 57 | 245 | 210 | 185 | 580 | 8-M16 | 230 |
| | 150 | 57 | 280 | 240 | 210 | 690 | 8-M20 | 280 |
| | 200 | 70 | 335 | 295 | 265 | 800 | 8-M20 | 360 |
| | 250 | 70 | 390 | 350 | 320 | 960 | 12-M20 | 360 |
| | 300 | 76 | 440 | 400 | 368 | 1200 | 12-M20 | 400 |
| | 350 | 76 | 500 | 460 | 428 | 1360 | 16-M20 | 400 |
| | 400 | 89 | 565 | 515 | 482 | 1550 | 16-M22 | 400 |
| 1.6 | 450 | 89 | 615 | 565 | 532 | 1700 | 20-M22 | 530 |
| | 500 | 114 | 670 | 620 | 585 | 1900 | 20-M22 | 530 |
| | 600 | 114 | 780 | 725 | 685 | 2400 | 20-M27 | 600 |
| | 50 | 48 | 160 | 125 | 99 | 370 | 4-M16 | 180 |
| | 65 | 48 | 185 | 145 | 118 | 400 | 4-M16 | 180 |
| | 80 | 50 | 200 | 160 | 132 | 440 | 8-M16 | 220 |
| | 100 | 50 | 220 | 180 | 156 | 510 | 8-M16 | 220 |
| | 125 | 57 | 250 | 210 | 184 | 580 | 8-M16 | 230 |
| | 150 | 57 | 285 | 240 | 211 | 690 | 8-M20 | 280 |
| | 200 | 70 | 340 | 295 | 266 | 800 | 12-M20 | 360 |
| | 250 | 70 | 405 | 355 | 319 | 960 | 12-M22 | 360 |
| 300 | 76 | 460 | 410 | 370 | 1200 | 12-M22 | 400 | |
| 350 | 76 | 520 | 470 | 429 | 1360 | 16-M22 | 400 | |
| 400 | 89 | 580 | 525 | 480 | 1550 | 16-M27 | 400 | |
| 450 | 89 | 640 | 585 | 548 | 1700 | 20-M27 | 530 | |
| 500 | 114 | 715 | 650 | 609 | 1900 | 20-M30 | 530 | |
| 600 | 114 | 840 | 775 | 720 | 2400 | 20-M36 | 600 | |



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

| 公称压力 PN(MPa) | 公称口径 DN(mm) | 尺寸 Size (mm) | | | | | |
|-----------------|----------------|--------------|-----|-----|------|--------|--------|
| | | L | D | D1 | D2 | H | N-M |
| 0.6 | 50 | 48 | 140 | 110 | 90 | 335 | 4-M12 |
| | 65 | 48 | 160 | 130 | 110 | 363 | 4-M12 |
| | 80 | 50 | 185 | 150 | 125 | 395 | 4-M16 |
| | 100 | 50 | 205 | 170 | 145 | 465 | 8-M16 |
| | 125 | 57 | 235 | 200 | 175 | 530 | 8-M16 |
| | 150 | 57 | 260 | 225 | 200 | 630 | 8-M16 |
| | 200 | 70 | 315 | 280 | 255 | 750 | 8-M16 |
| | 250 | 70 | 370 | 335 | 310 | 900 | 12-M16 |
| | 300 | 76 | 435 | 395 | 362 | 1120 | 12-M20 |
| | 350 | 76 | 485 | 445 | 412 | 1260 | 12-M20 |
| | 400 | 89 | 535 | 498 | 462 | 1450 | 16-M20 |
| | 450 | 89 | 590 | 550 | 518 | 1600 | 16-M20 |
| 500 | 114 | 640 | 600 | 568 | 1800 | 16-M20 | |
| 600 | 114 | 755 | 705 | 670 | 2300 | 20-M22 | |
| 1.0 | 50 | 48 | 160 | 125 | 100 | 335 | 4-M16 |
| | 65 | 48 | 180 | 145 | 120 | 363 | 4-M16 |
| | 80 | 50 | 195 | 160 | 135 | 395 | 4-M16 |
| | 100 | 50 | 215 | 180 | 155 | 465 | 8-M16 |
| | 125 | 57 | 245 | 210 | 185 | 530 | 8-M16 |
| | 150 | 57 | 280 | 240 | 210 | 630 | 8-M20 |
| | 200 | 70 | 335 | 295 | 265 | 750 | 8-M20 |
| | 250 | 70 | 390 | 350 | 320 | 900 | 12-M20 |
| | 300 | 76 | 440 | 400 | 368 | 1120 | 12-M20 |
| | 350 | 76 | 500 | 460 | 428 | 1260 | 16-M20 |
| | 400 | 89 | 565 | 515 | 482 | 1450 | 16-M22 |
| | 450 | 89 | 615 | 565 | 532 | 1600 | 20-M22 |
| 500 | 114 | 670 | 620 | 585 | 1800 | 20-M22 | |
| 600 | 114 | 780 | 725 | 685 | 2300 | 20-M27 | |
| 1.6 | 50 | 48 | 160 | 125 | 100 | 335 | 4-M16 |
| | 65 | 48 | 185 | 145 | 120 | 363 | 4-M16 |
| | 80 | 50 | 200 | 160 | 135 | 395 | 8-M16 |
| | 100 | 50 | 220 | 180 | 155 | 480 | 8-M16 |
| | 125 | 57 | 250 | 210 | 185 | 540 | 8-M16 |
| | 150 | 57 | 285 | 240 | 210 | 645 | 8-M30 |
| | 200 | 70 | 340 | 295 | 265 | 770 | 12-M20 |
| | 250 | 70 | 405 | 355 | 320 | 920 | 12-M22 |
| | 300 | 76 | 460 | 410 | 375 | 1150 | 12-M22 |
| | 350 | 76 | 520 | 470 | 435 | 1300 | 16-M22 |
| | 400 | 89 | 580 | 525 | 485 | 1500 | 16-M27 |
| | 450 | 89 | 640 | 585 | 545 | 1650 | 20-M27 |
| 500 | 114 | 715 | 650 | 608 | 1850 | 20-M30 | |
| 600 | 114 | 840 | 770 | 718 | 2360 | 20-M36 | |

结构特点及用途:

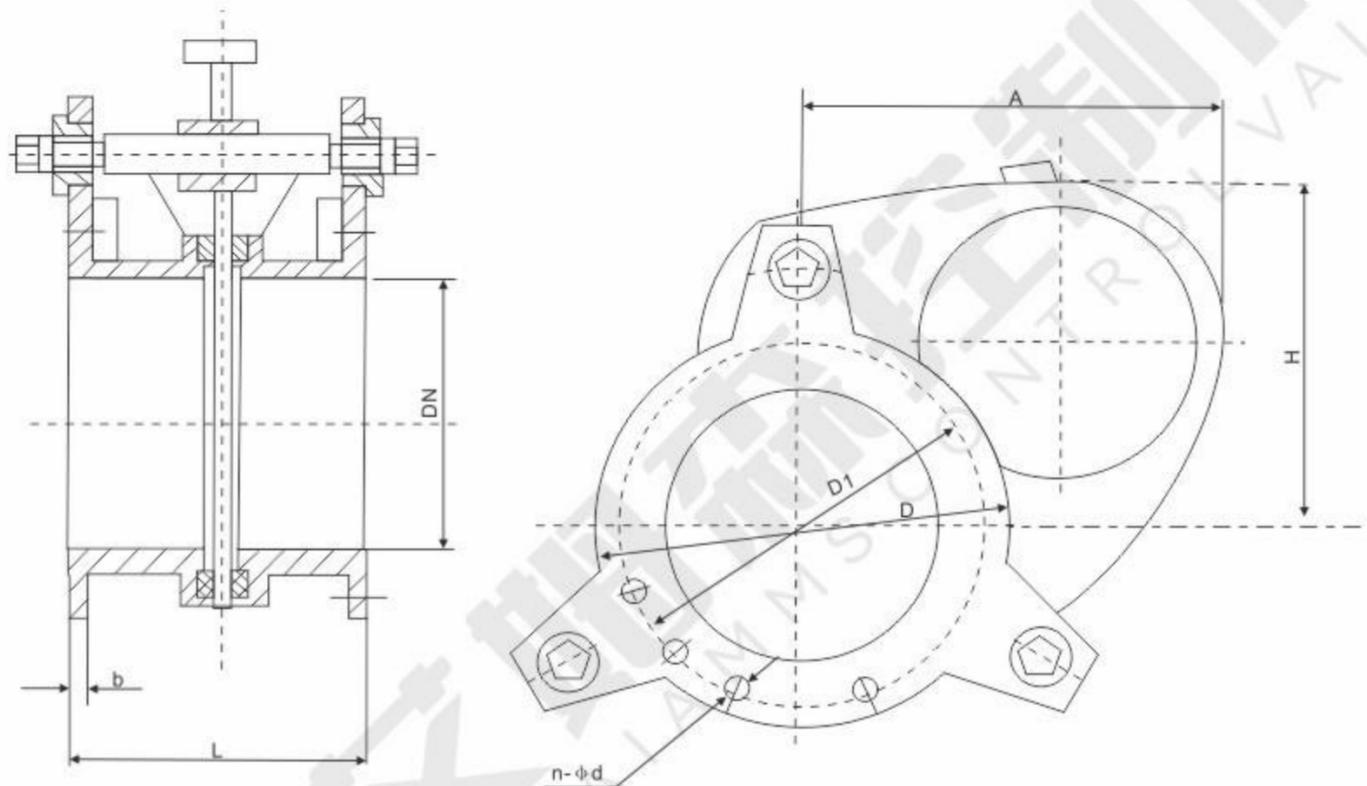
F43X型手动扇形盲板阀由左阀体、右阀体、中阀体、连接螺杆（三根）组成。用扳手旋转连接螺杆,使左右阀体完成夹紧和松开动作,利用阀板上盲板和通孔板的位置变换达到启闭目的,具有结构简单、重量轻、性能可靠、操作方便等特点。

本阀为短结构系列,橡胶密封圈分别安装在左、右阀体上。

Structural characteristics and purpose:

F43X manual fan-shape blind plate valve is composed of left valve body, right valve body and connecting rods (three pieces). The clamping and releasing actions of the left and right valve bodies are accomplished through spanner rotation of the connecting rods. Therefore, switching-on/-off of the valve could be achieved through position change of the blind plate and through plate on the valve plate. The product is characteristic of simple construction, low weight, reliability of performance and ease of operation.

In this short structure series, rubber sealing rings are mounted on left and right valve bodies respectively.



主要外形及连接尺寸表 External dimensions and connection size:

| DN | L | D | D1 | H | A | b | n-d | 重量kg | | |
|------|-----|------|------|------|------|----|-------|-----------|-----------|-----------|
| | | | | | | | | PN0.05MPa | PN0.15MPa | PN0.25MPa |
| 100 | 210 | 210 | 170 | 230 | 202 | 12 | 4-18 | 28 | 30 | 33 |
| 150 | 210 | 265 | 225 | 260 | 270 | 16 | 8-18 | 32 | 35 | 40 |
| 200 | 230 | 320 | 280 | 310 | 350 | 18 | 8-18 | 43 | 45 | 50 |
| 250 | 250 | 375 | 335 | 330 | 400 | 18 | 12-18 | 52 | 56 | 60 |
| 300 | 270 | 440 | 395 | 350 | 450 | 18 | 12-23 | 63 | 70 | 76 |
| 350 | 290 | 490 | 445 | 380 | 500 | 18 | 12-23 | 70 | 76 | 85 |
| 400 | 310 | 540 | 495 | 405 | 550 | 24 | 16-23 | 113 | 124 | 135 |
| 450 | 330 | 595 | 550 | 430 | 600 | 26 | 16-23 | 141 | 140 | 155 |
| 500 | 350 | 645 | 600 | 750 | 680 | 26 | 16-23 | 275 | 300 | 330 |
| 600 | 390 | 755 | 705 | 830 | 840 | 28 | 20-26 | 323 | 350 | 380 |
| 700 | 430 | 860 | 810 | 880 | 1050 | 28 | 24-26 | 380 | 410 | 450 |
| 800 | 470 | 975 | 920 | 900 | 1150 | 28 | 24-30 | 595 | 645 | 710 |
| 900 | 470 | 1075 | 1020 | 1000 | 1300 | 28 | 24-30 | 730 | 800 | 880 |
| 1000 | 470 | 1175 | 1120 | 1100 | 1450 | 28 | 28-30 | 900 | 980 | 1080 |
| 1200 | 510 | 1375 | 1320 | 1300 | 1500 | 28 | 32-30 | 1110 | 1200 | 1320 |
| 1400 | 510 | 1575 | 1520 | 1530 | 1700 | 30 | 36-30 | 1480 | 1650 | 1800 |

结构特点及用途:

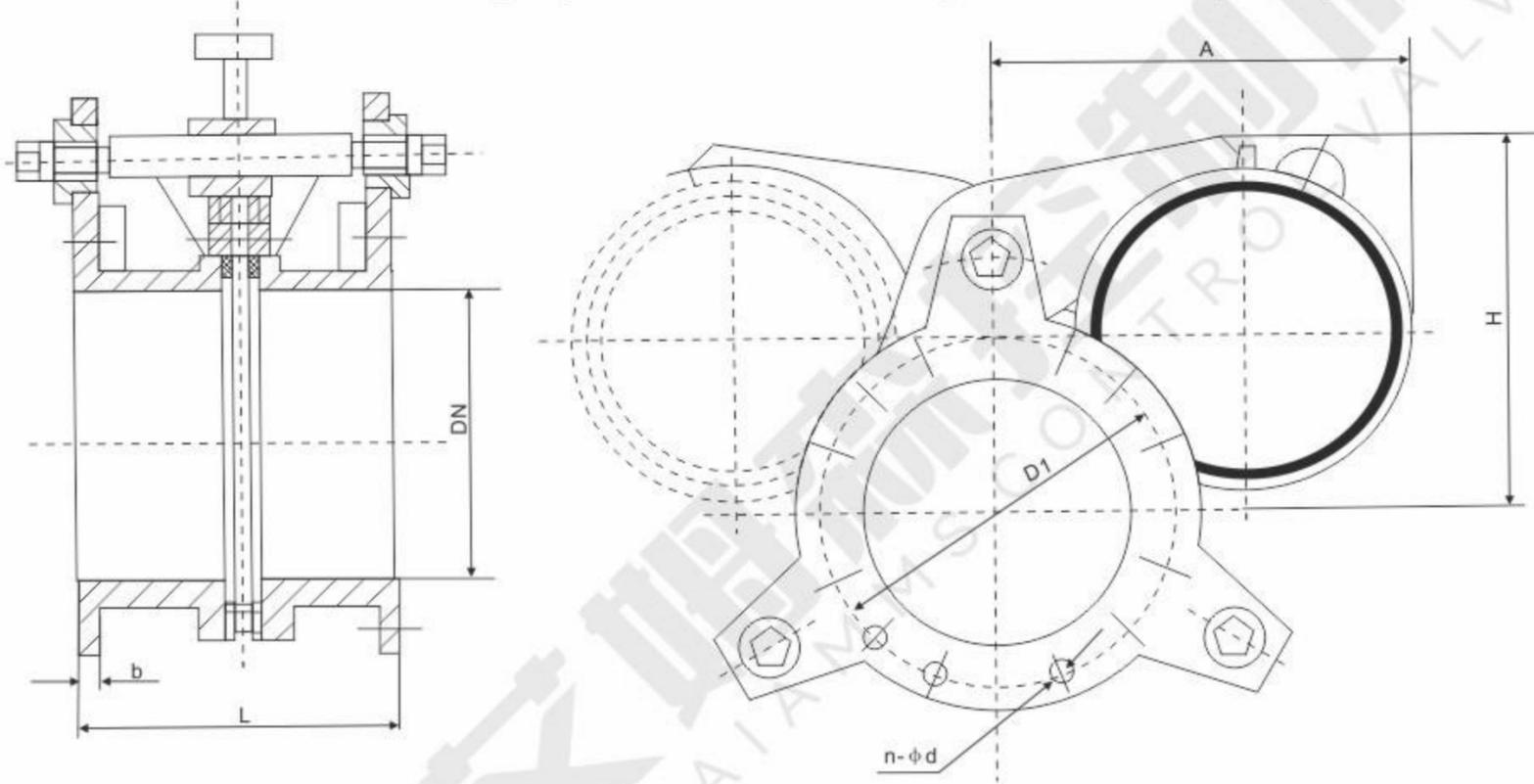
F43AX型手动扇形盲板阀由左阀体、右阀体、连接螺杆（三根）组成。用扳手旋转连接轴螺旋付驱动左右阀体完成夹紧和松开动作，利用阀板上盲孔板和通孔板的位置变换达到启闭目的。

本阀为短结构系列，橡胶密封圈安装在阀板上，可以方便地更换密封胶圈。

Structural characteristics and purpose:

F43X manual fan-shape blind plate valve is composed of left valve body, right valve body and connecting rods (three pieces). The clamping and releasing actions of the left and right valve bodies are accomplished through spanner rotation of the connecting rods. Therefore, switching-on/-off of the valve could be achieved through position change of the blind plate and through plate on the valve plate.

In this short structure series, rubber sealing rings are mounted on left and right valve bodies respectively.



主要外形及连接尺寸表 External dimensions and connection size:

| DN | L | D | D1 | H | A | b | n-φd | 重量kg | | |
|------|-----|------|------|------|------|----|--------|-----------|-----------|-----------|
| | | | | | | | | PN0.05MPa | PN0.15MPa | PN0.25MPa |
| 100 | 210 | 210 | 170 | 230 | 202 | 14 | 4-φ18 | 20 | 22 | 25 |
| 150 | 210 | 265 | 225 | 260 | 270 | 18 | 8-φ18 | 25 | 27 | 30 |
| 200 | 230 | 320 | 280 | 310 | 350 | 18 | 8-φ18 | 45 | 50 | 55 |
| 250 | 250 | 375 | 335 | 330 | 400 | 18 | 12-φ18 | 74 | 80 | 88 |
| 300 | 270 | 440 | 395 | 350 | 450 | 18 | 12-φ22 | 135 | 145 | 160 |
| 350 | 290 | 490 | 445 | 380 | 500 | 18 | 12-φ22 | 165 | 180 | 195 |
| 400 | 310 | 540 | 495 | 405 | 550 | 24 | 16-φ22 | 210 | 230 | 250 |
| 450 | 330 | 595 | 550 | 430 | 600 | 26 | 16-φ22 | 260 | 280 | 300 |
| 500 | 350 | 645 | 600 | 750 | 680 | 26 | 20-φ22 | 310 | 340 | 375 |
| 600 | 390 | 755 | 705 | 830 | 840 | 28 | 20-φ26 | 400 | 440 | 485 |
| 700 | 430 | 860 | 810 | 880 | 1050 | 28 | 24-φ26 | 510 | 560 | 610 |
| 800 | 470 | 975 | 920 | 900 | 1150 | 28 | 24-φ30 | 620 | 680 | 745 |
| 900 | 470 | 1075 | 1020 | 1100 | 1300 | 28 | 24-φ30 | 760 | 835 | 915 |
| 1000 | 470 | 1175 | 1120 | 1300 | 1450 | 28 | 28-φ30 | 940 | 1030 | 1130 |
| 1200 | 510 | 1375 | 1320 | 1400 | 1550 | 28 | 32-φ30 | 1150 | 1300 | 1400 |
| 1400 | 510 | 1575 | 1520 | 1530 | 1700 | 30 | 36-φ30 | 1550 | 1700 | 1850 |

结构特点及用途：

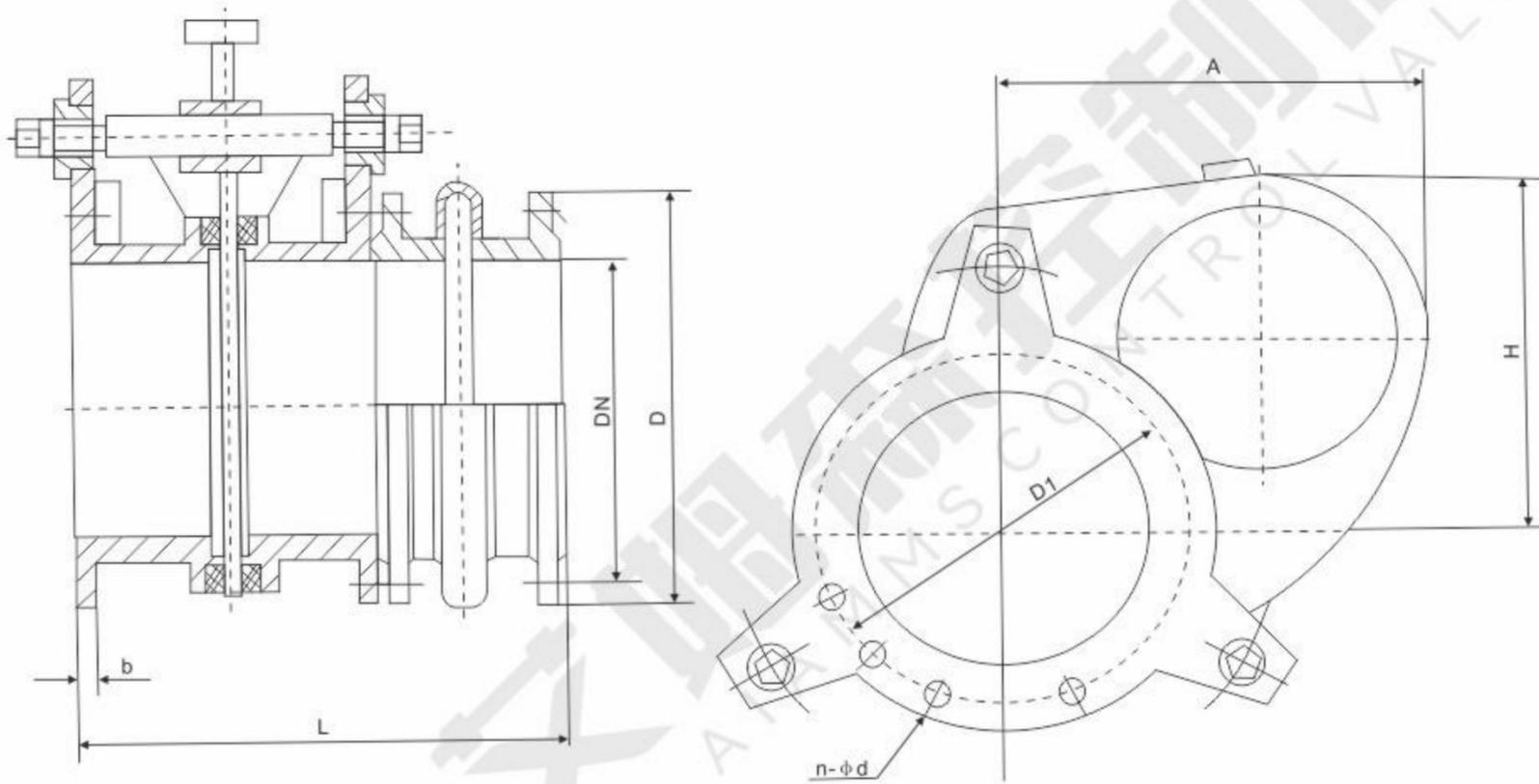
F43BX型手动扇形盲板阀为长结构系列，阀体上没有伸缩器，可以补偿阀门启闭过程中产生的阀体轴向位移。该系列盲板阀橡胶密封圈分别安装在左、右阀体上。

DN900-1400盲板阀阀体采用三角形结构，有较强的整体刚性。

Structural characteristics and purpose:

F43BX manual fan-shaped blind plate valve belongs to a long structure series, which has a compensator on valve body that makes up axial displacement of the valve bodies during switching-on/off. In this series, rubber sealing rings are mounted on the left and right valve bodies respectively.

DN900-1400 blind plate valve adopts triangular structure for its valve bodies within relatively high integral rigidity.



主要外形及连接尺寸表 External dimensions and connection size:

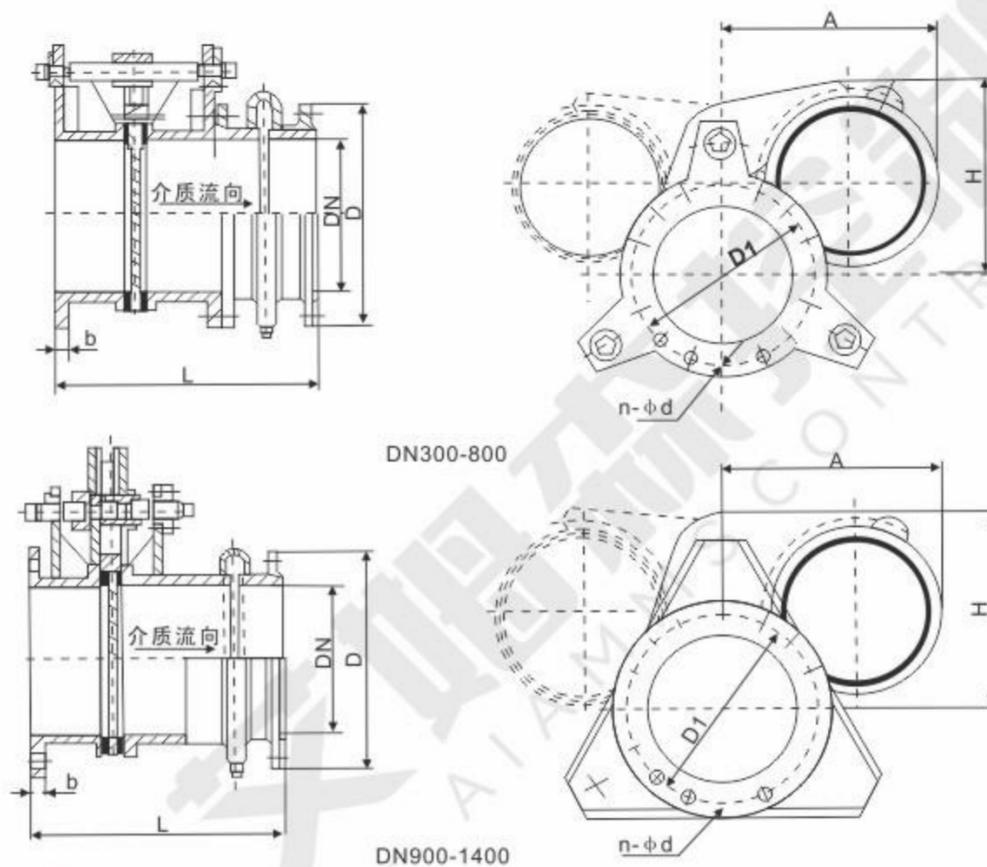
| DN | L | D | D1 | H | A | b | n-d | 重量kg | | |
|------|-----|------|------|------|------|----|--------|--------|--------|--------|
| | | | | | | | | PN0.05 | PN0.15 | PN0.25 |
| 200 | 500 | 320 | 280 | 310 | 350 | 18 | 8-φ18 | 72 | 80 | 90 |
| 250 | 500 | 375 | 335 | 330 | 400 | 18 | 12-φ18 | 90 | 96 | 105 |
| 300 | 500 | 440 | 395 | 350 | 450 | 18 | 12-φ22 | 150 | 165 | 180 |
| 350 | 600 | 490 | 445 | 380 | 500 | 18 | 12-φ22 | 180 | 196 | 215 |
| 400 | 600 | 540 | 495 | 405 | 550 | 24 | 16-φ22 | 210 | 230 | 250 |
| 450 | 600 | 595 | 550 | 430 | 600 | 26 | 16-φ22 | 280 | 305 | 335 |
| 500 | 600 | 645 | 600 | 750 | 680 | 26 | 20-φ22 | 320 | 350 | 385 |
| 600 | 600 | 755 | 705 | 830 | 840 | 28 | 20-φ22 | 420 | 460 | 500 |
| 700 | 630 | 860 | 810 | 880 | 1050 | 28 | 20-φ26 | 510 | 560 | 610 |
| 800 | 630 | 975 | 920 | 900 | 1150 | 28 | 24-φ30 | 610 | 670 | 730 |
| 900 | 630 | 1075 | 1020 | 1100 | 1300 | 26 | 24-φ30 | 750 | 820 | 900 |
| 1000 | 630 | 1175 | 1200 | 1300 | 1450 | 26 | 28-φ30 | 920 | 1010 | 1110 |
| 1200 | 630 | 1375 | 1320 | 1400 | 1550 | 26 | 32-φ30 | 1130 | 1250 | 1400 |
| 1300 | 630 | 1475 | 1420 | 1480 | 1650 | 30 | 32-φ30 | 1300 | 1400 | 1500 |
| 1400 | 750 | 1575 | 1520 | 1550 | 1700 | 30 | 36-φ30 | 1550 | 1700 | 1850 |

结构特点及用途:

本阀DN300-800型手动扇形盲板阀为长结构系列,本阀在右阀体上没有伸缩器,一般用于较长管路中。本阀的钊缩器可以补偿阀门启闭时阀体的轴向位移,减小阀门的启闭力矩(注:不能做为管路的补偿器)。本阀DN900-1400型手动扇形盲板阀为长结构系列,本阀设有伸缩器,用于较长管路中(注:不能做为管路的补偿器)。根据大口径阀门的特点,阀体设计成三角形结构,加强了阀门的整体刚性。

Structural characteristics and purpose:

DN300-800 manual fan-shape blind valve, long structure, has a compensator on the right valve body. This series is usually suitable for long pipelines. The compensator could make up axial displacement of the valve bodies during switching-on/off, thus reducing opening moment of the valve (note: the compensator cannot be used as compensator to pipeline). DN300-800 manual fan-shape blind valve, long structure, has a compensator and is suitable for long pipelines (note: the compensator cannot be used as compensator to pipeline). According to properties of large orifice valves, the valve body uses triangular structure with enhanced integral rigidity.



主要外形及连接尺寸表 External dimensions and connection size:

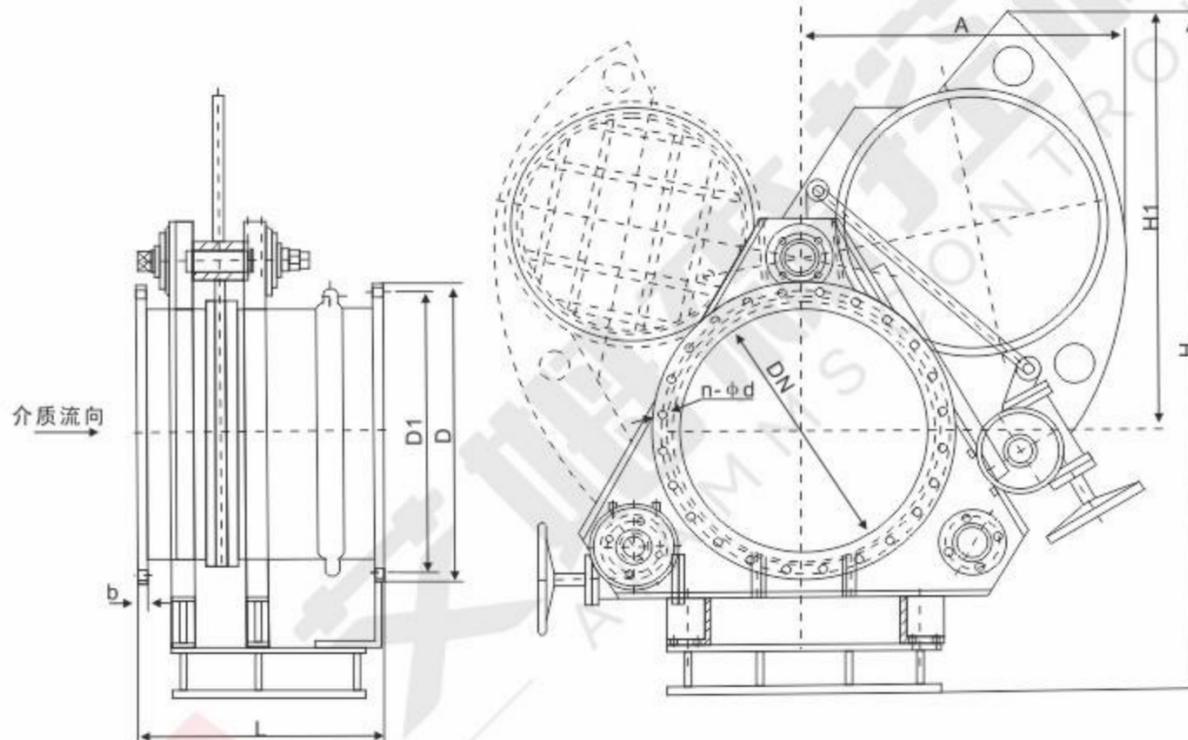
| DN | L | D | D1 | H | A | b | n-d | 重量kg | | |
|------|-----|------|------|------|------|----|--------|--------|--------|--------|
| | | | | | | | | PN0.05 | PN0.15 | PN0.25 |
| 200 | 500 | 320 | 280 | 310 | 350 | 18 | 8-φ18 | 75 | 85 | 90 |
| 250 | 500 | 375 | 335 | 330 | 400 | 18 | 12-φ18 | 95 | 100 | 105 |
| 300 | 500 | 440 | 395 | 350 | 450 | 18 | 12-φ22 | 160 | 176 | 190 |
| 350 | 500 | 490 | 445 | 380 | 500 | 18 | 12-φ22 | 200 | 220 | 240 |
| 400 | 600 | 540 | 495 | 405 | 550 | 24 | 16-φ22 | 240 | 245 | 270 |
| 450 | 600 | 595 | 550 | 430 | 600 | 26 | 16-φ22 | 310 | 340 | 400 |
| 500 | 600 | 645 | 600 | 750 | 680 | 26 | 20-φ22 | 350 | 385 | 420 |
| 600 | 600 | 755 | 705 | 830 | 840 | 28 | 20-φ22 | 450 | 495 | 440 |
| 700 | 630 | 860 | 810 | 880 | 1050 | 28 | 24-φ26 | 540 | 590 | 640 |
| 800 | 630 | 975 | 920 | 900 | 1150 | 28 | 24-φ30 | 650 | 710 | 770 |
| 900 | 630 | 1075 | 1020 | 1100 | 1300 | 26 | 24-φ30 | 880 | 970 | 1050 |
| 1000 | 630 | 1175 | 1120 | 1300 | 1450 | 26 | 28-φ30 | 980 | 1075 | 1096 |
| 1200 | 630 | 1375 | 1320 | 1400 | 1550 | 26 | 32-φ30 | 1220 | 1340 | 1460 |
| 1300 | 630 | 1475 | 1420 | 1500 | 1600 | 30 | 32-φ30 | 1440 | 1184 | 1720 |
| 1400 | 750 | 1575 | 1520 | 1550 | 1700 | 30 | 36-φ30 | 1750 | 1825 | 2000 |

结构特点及用途:

该阀门由左阀体、中阀体、右阀体、扇形盲板、丝杆螺母付、不锈钢补偿器、两个蜗轮转动机构等组成。它是通过三根丝杆连成一体，并把三个阀体分别固定在底座上，构成一个刚性结构体。中阀体与右阀体用不锈钢膨胀管联接，左、中阀体分别用三根两端带左右梯形螺纹的丝杆联接，将三根丝杆同时作正向（或反向）旋转、则左、中两阀体得到压紧（或分离）。三根丝杠中上面一根丝杠中间装有盲板，盲板绕该轴心旋转。下面两根丝杠在同样的部位上安装有盲板的定位块、盲板旋转时可以防止盲板漂移，避免密封胶圈擦伤。其中一根上装有蜗轮传动机构，实现松开夹紧阀体的目的。

Structural characteristics and purpose:

The valve is composed of left valve body, middle valve body, right valve body, fan-shaped blind plate, feed screw nut, stainless steel compensator, two worm rotation gears, etc. The valve is connected by three thread rods that fix the three valve bodies onto the base to build a rigid structure. The middle valve body and right valve body are connected by stainless steel expansion tube and the middle valve body and left valve body are connected by three thread rods with acme thread on both ends. The three rods are turned downward at one time (or reversely), so the left and middle valve bodies could be clamped down (or separated, respectively). For the three thread rods, the upper one has a blind plate mounted in the middle that rotates around the axis. The two lower thread rods contain locating blocks for the blind plate at the identical locations that prevent the blind plate from floating during the blind plate's rotation, so sealing ring could be prevented from scratch. Among the two rods, one has a worm-driven mechanism that functions to clamp or release valve bodies.



主要外形及连接尺寸表 External dimensions and connection size:

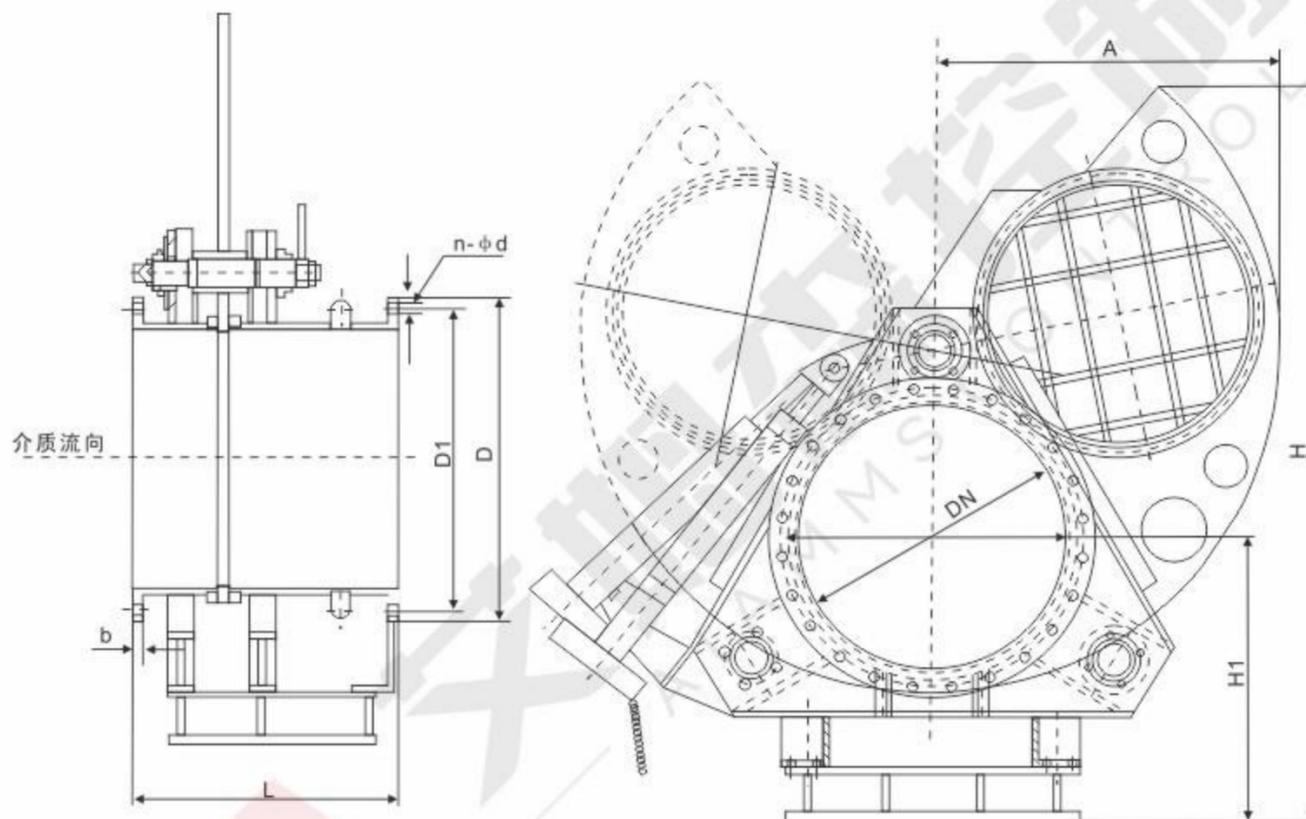
| DN | L | D | D1 | H | H1 | A | b | n-φd | 重量kg | | |
|------|------|------|------|------|------|------|----|-------|--------|--------|--------|
| | | | | | | | | | PN0.05 | PN0.15 | PN0.25 |
| 300 | 500 | 440 | 395 | 1200 | 380 | 480 | 22 | 12-12 | 240 | 265 | 290 |
| 350 | 500 | 490 | 445 | 1300 | 420 | 520 | 22 | 12-12 | 310 | 340 | 370 |
| 400 | 600 | 540 | 495 | 1400 | 560 | 580 | 22 | 16-12 | 350 | 385 | 410 |
| 450 | 600 | 595 | 550 | 1400 | 560 | 650 | 24 | 16-12 | 450 | 495 | 535 |
| 500 | 600 | 645 | 600 | 1480 | 600 | 800 | 24 | 16-12 | 540 | 590 | 640 |
| 600 | 600 | 755 | 705 | 1600 | 760 | 1000 | 24 | 20-26 | 650 | 710 | 780 |
| 700 | 600 | 860 | 810 | 1680 | 880 | 1050 | 26 | 24-26 | 820 | 900 | 980 |
| 800 | 800 | 975 | 920 | 1860 | 1125 | 1129 | 26 | 24-30 | 1500 | 1650 | 1750 |
| 900 | 800 | 1075 | 1020 | 2055 | 1270 | 1242 | 28 | 24-30 | 1800 | 1980 | 2180 |
| 1000 | 800 | 1175 | 1120 | 2240 | 1400 | 1375 | 30 | 28-30 | 2100 | 2300 | 2500 |
| 1100 | 800 | 1275 | 1220 | 2425 | 1535 | 1510 | 30 | 28-30 | 2300 | 2500 | 2750 |
| 1200 | 800 | 1375 | 1320 | 2620 | 1680 | 1625 | 30 | 32-30 | 2600 | 2850 | 3100 |
| 1300 | 800 | 1475 | 1420 | 2760 | 1770 | 1749 | 30 | 32-30 | 3000 | 3300 | 3600 |
| 1400 | 850 | 1575 | 1520 | 2960 | 1925 | 1856 | 32 | 36-30 | 4170 | 4550 | 4950 |
| 1500 | 850 | 1690 | 1630 | 3105 | 2050 | 1976 | 32 | 36-30 | 4400 | 4800 | 5250 |
| 1600 | 850 | 1790 | 1730 | 3300 | 2160 | 2093 | 32 | 40-30 | 4750 | 5100 | 5600 |
| 1800 | 1100 | 1990 | 1930 | 3610 | 2370 | 2335 | 32 | 44-30 | 5750 | 6220 | 6800 |
| 2000 | 1100 | 2190 | 2130 | 3960 | 2620 | 2570 | 32 | 46-30 | 6750 | 7350 | 8000 |

结构特点及用途:

该阀门由左阀体、中阀体、右阀体、扇形盲板、丝杆螺母付、不锈钢补偿器、两个蜗轮转动机构等组成。它是通过三根丝杆连成一体，并把三个阀体分别固定在底座上，构成一个刚性结构体。中阀体与右阀体用不锈钢膨胀管联接，左、中阀体分别用三根两端带左右梯形螺纹的丝杆联接，将三根丝杆同时作正向（或反向）旋转，则左、中两阀体得到压紧（或分离）。三根丝杠中上面一根丝杠中间装有盲板，盲板绕该轴心旋转。下面两根丝杠在同样的部位上安装有盲板的定位块、盲板旋转时可以防止盲板漂移，避免密封圈擦伤。

Structural characteristics and purpose:

The valve is composed of left valve body, middle valve body, right valve body, fan-shape blind plate, feed screw nut, stainless steel compensator, two worm rotation gears, etc. The valve is connected by three thread rods that fix the three valve bodies onto the base to build a rigid structure. The middle valve body and right valve body are connected by stainless steel expansion tube and the middle valve body and left valve body are connected by three thread rods with acme thread on both ends. The three rods are turned downward at one time (or reversely), so the left and middle valve bodies could be clamped down (or separated, respectively). For the three thread rods, the upper one has a blind plate mounted in the middle that rotates around the axis. The two lower thread rods contain locating blocks for the blind plate at the identical locations that prevent the blind plate from floating during the blind plate's rotation, so sealing ring could be prevented from scratch.



主要外形及连接尺寸表 External dimensions and connection size:

| DN | L | D | D1 | H | H1 | A | b | n-φd | 重量kg | | |
|------|------|------|------|------|------|------|----|-------|--------|--------|--------|
| | | | | | | | | | PN0.05 | PN0.15 | PN0.25 |
| 300 | 500 | 440 | 395 | 1200 | 380 | 480 | 22 | 12-12 | 240 | 265 | 290 |
| 350 | 500 | 490 | 445 | 1300 | 420 | 520 | 22 | 12-12 | 310 | 340 | 370 |
| 400 | 600 | 540 | 495 | 1400 | 560 | 580 | 22 | 16-12 | 350 | 385 | 410 |
| 450 | 600 | 595 | 550 | 1400 | 560 | 650 | 24 | 16-12 | 450 | 495 | 535 |
| 500 | 600 | 645 | 600 | 1480 | 600 | 800 | 24 | 16-12 | 540 | 590 | 640 |
| 600 | 600 | 755 | 705 | 1600 | 760 | 1000 | 26 | 20-26 | 650 | 710 | 780 |
| 700 | 600 | 860 | 810 | 1680 | 880 | 1050 | 30 | 24-26 | 820 | 900 | 980 |
| 800 | 800 | 975 | 920 | 1860 | 1125 | 1129 | 30 | 24-30 | 1500 | 1650 | 1750 |
| 900 | 800 | 1075 | 1020 | 2055 | 1270 | 1242 | 32 | 24-30 | 1800 | 1980 | 2180 |
| 1000 | 800 | 1175 | 1120 | 2240 | 1400 | 1375 | 35 | 28-30 | 2100 | 2300 | 2500 |
| 1100 | 800 | 1275 | 1220 | 2425 | 1535 | 1510 | 35 | 28-30 | 2300 | 2500 | 2750 |
| 1200 | 800 | 1375 | 1320 | 2620 | 1680 | 1625 | 35 | 32-30 | 2600 | 2850 | 3100 |
| 1300 | 800 | 1475 | 1420 | 2760 | 1770 | 1749 | 35 | 32-30 | 3000 | 3300 | 3600 |
| 1400 | 850 | 1575 | 1520 | 2960 | 1925 | 1856 | 35 | 36-30 | 4170 | 4550 | 4950 |
| 1500 | 850 | 1690 | 1630 | 3105 | 2050 | 1976 | 35 | 36-30 | 4400 | 4800 | 5250 |
| 1600 | 850 | 1790 | 1730 | 3300 | 2160 | 2093 | 35 | 40-30 | 4750 | 5100 | 5600 |
| 1800 | 1100 | 1990 | 1930 | 3610 | 2370 | 2335 | 35 | 44-30 | 5750 | 6220 | 6800 |
| 2000 | 1100 | 2190 | 2130 | 3960 | 2620 | 2570 | 35 | 46-30 | 6750 | 7350 | 8000 |

结构特点及用途:

自动扇形盲板阀系列是我公司在F43CX型扇形盲板阀的基础上,根据该阀的工作特性进行改进和优化设计而推出的一种新型的可以远距离操作和自动控制的隔断设备。

本系列自动扇形盲板阀有气动、液动、电动电液动四种驱动方式并根据不同规格采用不同的结构形式。以适用户的能源条件、环境条件和工况条件的要求。

本系列自动扇形盲板阀以其优越的性能为冶金、化工、环境保护等行业的有毒、有害、易燃气体管路实现自动化控制提供一种安全、可靠的隔断设备。

本阀连接法兰尺寸符合GB2555-81PN2.5标准;检测方法符合GB/T13927-92标准

Structural characteristics and purpose:

The automatic fan-shape blind plate valve series is a brand-new separating apparatus with remote control and automatic operation as designed by our company based on F43CX fan-shape blind plate valve and its operating properties through improvement and optimization.

The automatic fan-shape blind plate valve series provides four means of driving: pneumatic, hydraulic, electric and hydroelectric. The products also use different structural forms based on specifications so as to meet the specific energy condition, environmental situation and work conditions of users.

Thanks to its superior performance, this automatic fan-shape blind plate valve series can serve as a secure and highly reliable separating apparatus for the automatic control over poisonous, harmful and combustible gas conduit in such sectors like metallurgy, chemical industry, environmental protection and so on.

主要性能 Key properties:

| | | | | |
|-------------------------------------|--|------|-----------------------------------|------------------------------------|
| 公称压力 Nominal pressureMPa | 0.05 | 0.10 | 0.15 | 0.25 |
| 密封试验压力 Seal testing pressure Mpa | 0.055 | 0.11 | 0.165 | 0.275 |
| 强度试验压力 Strength testing pressureMPa | 0.075 | 0.15 | 0.225 | 0.375 |
| 驱动源 Drive source | 压缩空气0.4-0.6MPa Compressed air 0.4-0.6MPa | | 油压压力6.3MPa Oil pressure 6.3MPa | 3相380V50HZ three phase 380V50HZ |
| 工作温度 Working temperature | -20-100℃ | | -20-200℃ | -20-300℃ |
| 适用介质 Suitable Medium | 煤气等有毒、有害、易燃气体 Poisonous, harmful and combustible gas such as coal gas, etc. | | | |
| 启闭时间表S On/off timetable S | ≤60 | | | |

主要零件材料 Main parts materials:

| 名称 Name | 阀体、阀板 Body, valve plate | 丝杠 Screw | 螺母 Nut | 伸缩器 Expansion joint | 密封圈 Seal ring |
|-------------|----------------------------|--------------------|--|------------------------|--|
| 材料 Material | 碳素钢 Carbon steel | 合金钢 Alloy steel | 锰铜合金、球墨铸铁 Manganin alloy, nodular cast iron | 不锈钢 Stainless steel | 氟橡胶、硅橡胶、丁睛橡胶 Fluorine, silicone rubber, NBR |

订货选用须知:

- 1.请注明稳中有名称、型号、规格、温度和附件(标准件、法兰、液压站、控制箱、气控装置)
- 2.扇形盲板阀型号及温度标注方式:F643X-0.5PXX或F743X-0.5PXX。工作温度120℃,标注P12;工作温度250℃,标注P25;工作温度300℃,标注P30。
- 3.气动、液动扇形盲板阀均备有手动和自动两种超纵方式。选用时请注明。
- 4.扇形盲板阀中的伸缩器不能代替管路膨胀器。管道由于热胀冷缩等因素产生的外力,不得传导至本阀上,以防止对阀门产生推拉、扭曲、影响阀门的工作性能。

Ordering information

1. Please specify the name, model, specification and accessories (standard part, flange, hydraulic station, control box, pneumatic control device, etc.) during ordering.
2. Marking of fan-shape blind plate valve's model and temperature: F643X-0.5PXX or F743X-0.5PXX. Operating temperature 120℃, marked as P12; operating temperature 250℃, marked as P25; operating temperature 300℃, marked as P30.
3. Pneumatic and hydraulic fan-shape blind plate valves both have two means of operation: manual and automatic. Please specify during ordering.
4. The compensator in fan-shape blind plate valve cannot replace pipeline expander. The external force resulting from thermal expansion and shrinkage on pipeline and other factors should not be transferred to the valve because it may push or twist the valve, affecting valve's service performance.

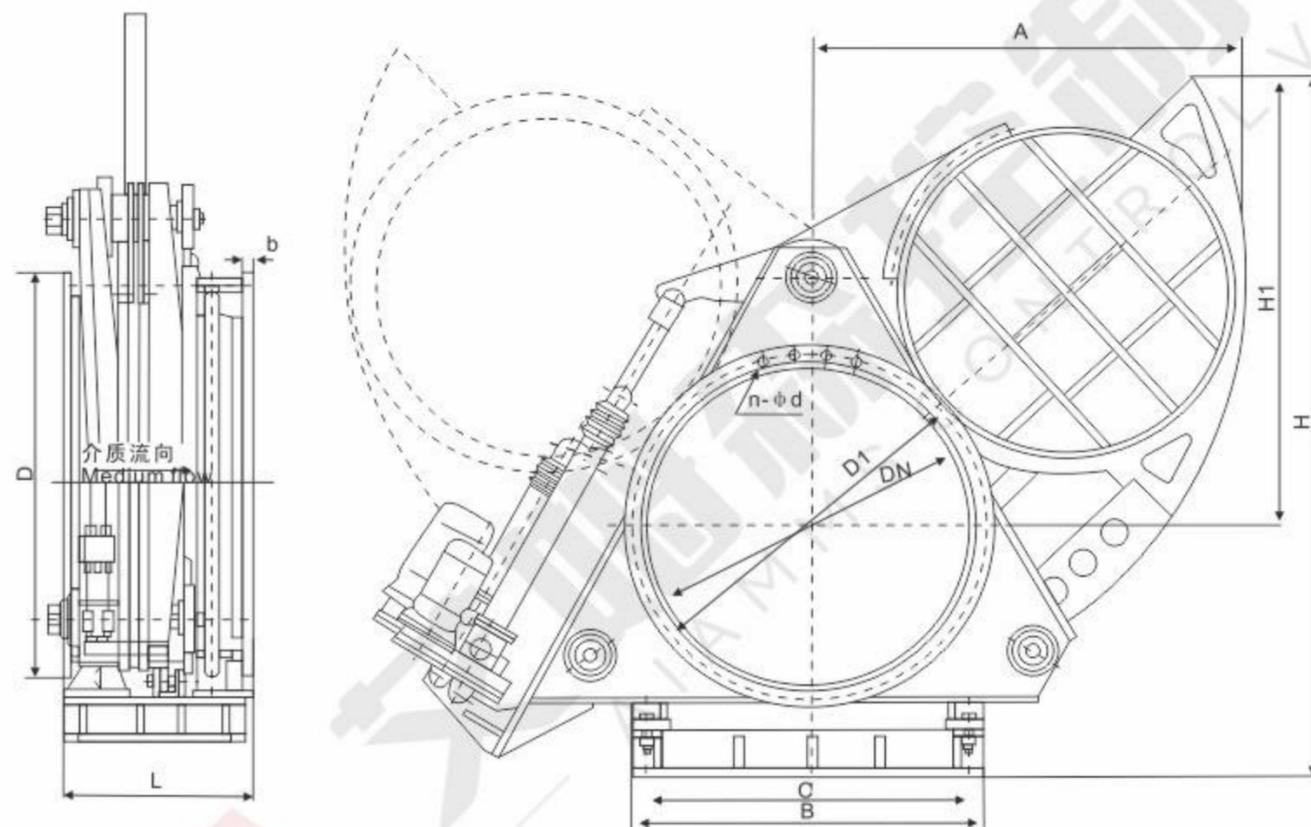
结构特点及用途:

电动扇形盲阀主要由左阀体、右阀体、丝杆副官、翻板、密封圈、杠杆、电动推杆等零件组成，并由底座、支撑柱构成一个刚性结构体。阀门中设有夹紧推杆和翻板推杆，夹紧推杆通过杠杆副和丝杆螺旋副驱动左右阀体完成松开、夹紧动作，翻板油缸驱动翻板完成开关动作。橡胶密封圈镶嵌在翻板上，具有而高温、密封性能好、更换方便、使用寿命长等特点。

本阀可以单台远距离控制，亦可多台联网远距离控制。非正常情况下还可以利用阀门本身装置手动操作。

Structural characteristics and purpose:

Electric fan-shape blind plate vale is composed of left valve body, right valve body, thread rod, flap, sealing ring, lever, electric push rod, etc. and it forms a rigid body with the base and support post. The valve contains clamping push rod and flap push rod, about which the former drives left and right valve bodies through lever and thread rod screw to accomplish clamping and releasing actions. The flap oil cylinder drives the flap to have drive action. Rubber sealing ring is embedded onto the flaps. The product is characteristic of high temperature resistance, fine sealing performance, ease of replacement and long service life. The valve could be individually and remotely controlled as well as be subject to remote control in a valve network. In special circumstances, the valve allows manual operation with its independent apparatus.



主要外形及连接尺寸表 External dimensions and connection size:

| DN | L | D | D1 | H | H1 | A | B | C | b | n-φd | 重量kg | | |
|------|------|------|------|------|------|------|------|------|----|--------|--------|--------|--------|
| | | | | | | | | | | | PN0.05 | PN0.15 | PN0.25 |
| 300 | 500 | 440 | 395 | 720 | 360 | 480 | - | - | 18 | 12-φ22 | 205 | 225 | 250 |
| 350 | 600 | 490 | 445 | 810 | 380 | 520 | - | - | 18 | 12-φ22 | 235 | 255 | 280 |
| 400 | 600 | 540 | 495 | 850 | 405 | 600 | - | - | 24 | 16-φ22 | 286 | 305 | 335 |
| 450 | 600 | 595 | 550 | 905 | 430 | 658 | - | - | 24 | 16-φ22 | 340 | 370 | 400 |
| 500 | 600 | 645 | 600 | 1080 | 750 | 712 | - | - | 26 | 20-φ22 | 420 | 460 | 500 |
| 600 | 600 | 755 | 705 | 1590 | 830 | 874 | - | - | 26 | 20-φ26 | 530 | 580 | 630 |
| 700 | 600 | 860 | 810 | 1680 | 880 | 970 | - | - | 26 | 24-φ26 | 605 | 665 | 730 |
| 800 | 800 | 975 | 920 | 1860 | 1125 | 1100 | 1130 | 525 | 35 | 24-φ30 | 1500 | 1650 | 1750 |
| 900 | 800 | 1075 | 1020 | 2055 | 1270 | 1200 | 120 | 570 | 35 | 24-φ30 | 1800 | 1950 | 2100 |
| 1000 | 800 | 1175 | 1120 | 2240 | 1400 | 1320 | 1320 | 620 | 35 | 28-φ30 | 2100 | 2300 | 2500 |
| 1100 | 800 | 1275 | 1220 | 2425 | 1535 | 1510 | 1420 | 670 | 35 | 28-φ30 | 2300 | 2500 | 2700 |
| 1200 | 800 | 1375 | 1320 | 2620 | 1680 | 1625 | 1490 | 700 | 35 | 32-φ30 | 2600 | 2800 | 3050 |
| 1300 | 800 | 1475 | 1420 | 2760 | 1770 | 1749 | 1490 | 700 | 35 | 32-φ30 | 3000 | 3300 | 3600 |
| 1400 | 850 | 1575 | 1520 | 2960 | 1925 | 1856 | 1490 | 700 | 35 | 36-φ30 | 4170 | 4550 | 4950 |
| 1500 | 850 | 1690 | 1630 | 3105 | 2050 | 1976 | 1590 | 750 | 35 | 36-φ30 | 4900 | 5300 | 5800 |
| 1600 | 850 | 1790 | 1730 | 3300 | 2160 | 2093 | 1690 | 800 | 35 | 40-φ30 | 5350 | 5850 | 6350 |
| 1800 | 1100 | 1990 | 1930 | 3610 | 2370 | 2335 | 1890 | 900 | 35 | 44-φ30 | 6950 | 7600 | 8300 |
| 2000 | 1100 | 2190 | 2130 | 3960 | 2620 | 2620 | 2070 | 1000 | 35 | 46-φ30 | 8750 | 9500 | 10500 |

结构特点及用途:

本阀适用于冶金、建材、化工、电站等行业的排灰系统，对管首中的流通的灰粉、灰渣和颗粒状物料起截流作用。

Structural characteristics and purpose:

The valve is applicable for dust exhaust system in such sectors including metallurgy, building material, chemical industry, power plant, etc. for intercepting dust powder, slag and particle material flowing in conduit.

主要性能:

公称压力: 0.2Mpa

适用温度: 120℃

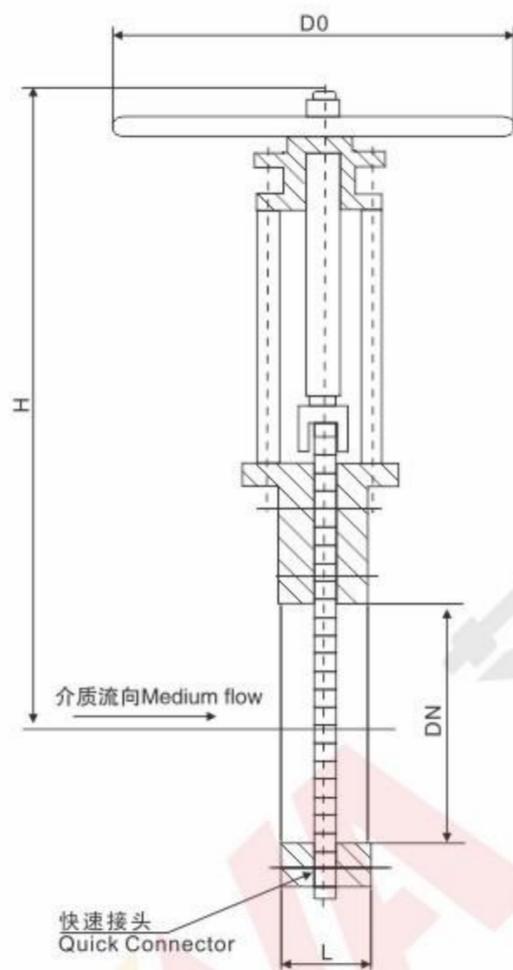
适用介质: 灰粉、灰渣和颗粒状物料

Key properties:

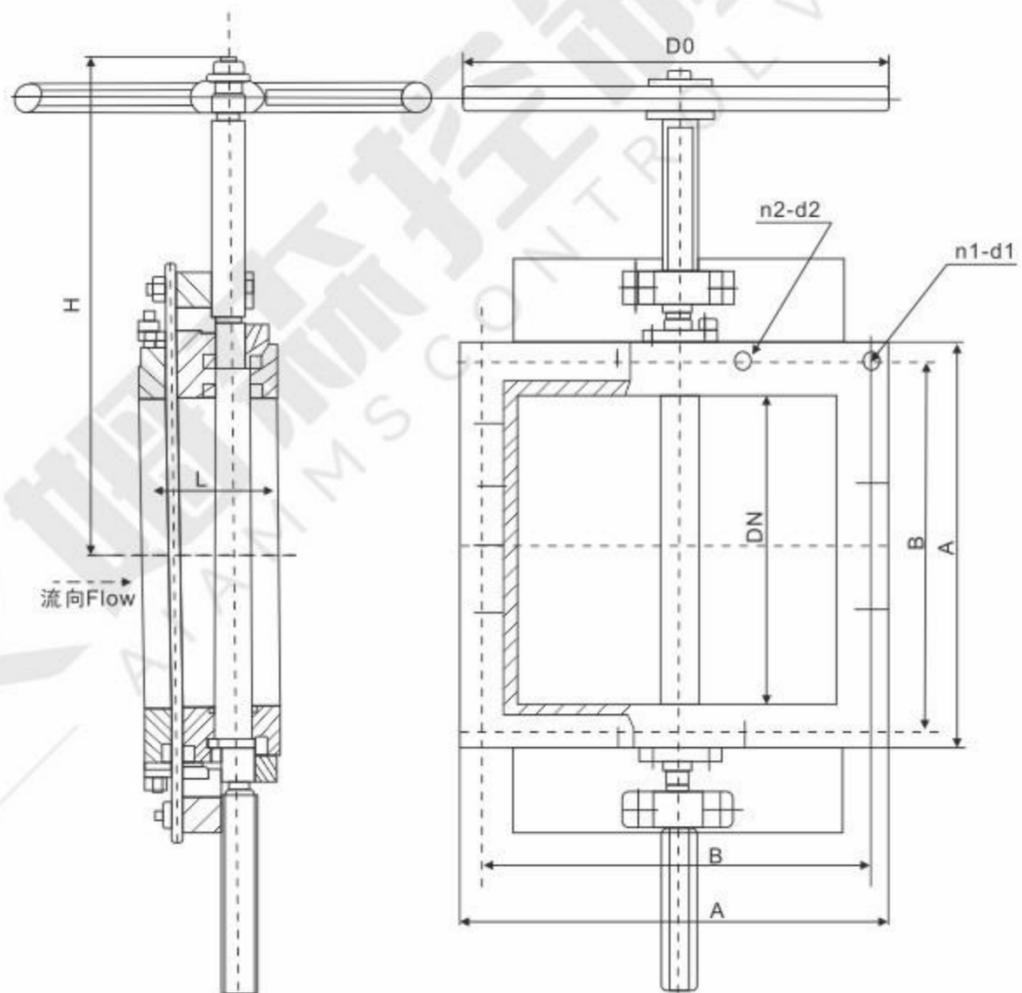
Nominal pressure: 0.2Mpa

Applicable temperature: 120℃

Applicable medium: dust powder, slag and particle material



LPD型单向启闭排灰阀
LPD-type one-way valve open and close ash



LPD型双向启闭排灰阀
LPD-type two-way valve open and close ash

主要外形及连接尺寸表 External dimensions and connection size:

| DN | A | B | LDP单向Unidirectional | | | | | | LDP双向Bustophedon | | | | | |
|---------|-----|-----|--------------------------------|--------------------------------|----|------|-----|------|--------------------------------|--------------------------------|-----|-----|-----|------|
| | | | n ₁ -d ₁ | n ₂ -d ₂ | L | H | D0 | 重量kg | n ₁ -d ₁ | n ₂ -d ₂ | L | H | D0 | 重量kg |
| 150x150 | 250 | 210 | 10-14 | 2-M12 | 60 | 480 | 360 | 46 | 8-14 | 4-M12 | 120 | 335 | 200 | 62 |
| 200x200 | 300 | 260 | 10-14 | 2-M12 | 60 | 550 | 360 | 54 | 8-14 | 4-M12 | 120 | 355 | 200 | 74 |
| 250x250 | 350 | 310 | 10-14 | 2-M12 | 70 | 690 | 400 | 76 | 8-14 | 4-M12 | 125 | 448 | 240 | 89 |
| 300x300 | 400 | 360 | 10-14 | 2-M12 | 70 | 780 | 400 | 101 | 8-14 | 4-M12 | 125 | 495 | 240 | 117 |
| 350x350 | 470 | 420 | 10-14 | 2-M12 | 80 | 880 | 400 | 127 | 16-14 | 4-M12 | 125 | 545 | 280 | 135 |
| 400x400 | 520 | 480 | 16-14 | 4-M12 | 80 | 995 | 500 | 154 | 16-14 | 4-M12 | 135 | 595 | 360 | 160 |
| 450x450 | 570 | 530 | 16-14 | 4-M12 | 90 | 1095 | 500 | 198 | 16-14 | 4-M12 | 135 | 645 | 360 | 206 |
| 500x500 | 620 | 580 | 16-14 | 4-M12 | 90 | 1200 | 500 | 251 | 16-14 | 4-M12 | 135 | 695 | 360 | 262 |

结构特点及用途:

本阀门结构简单、操作自如、阀板采用优质炭素钢板、滑动灵活、插抽省力、密封性能良好、局部阻力损失小、维护保养拆装方便、不易变形。本阀分为I型和II用于能风除尘、风力输送及排风系统管路上调节流量。II型主要用于固体粉料输送的调节流量和切断。

Structural characteristics and purpose:

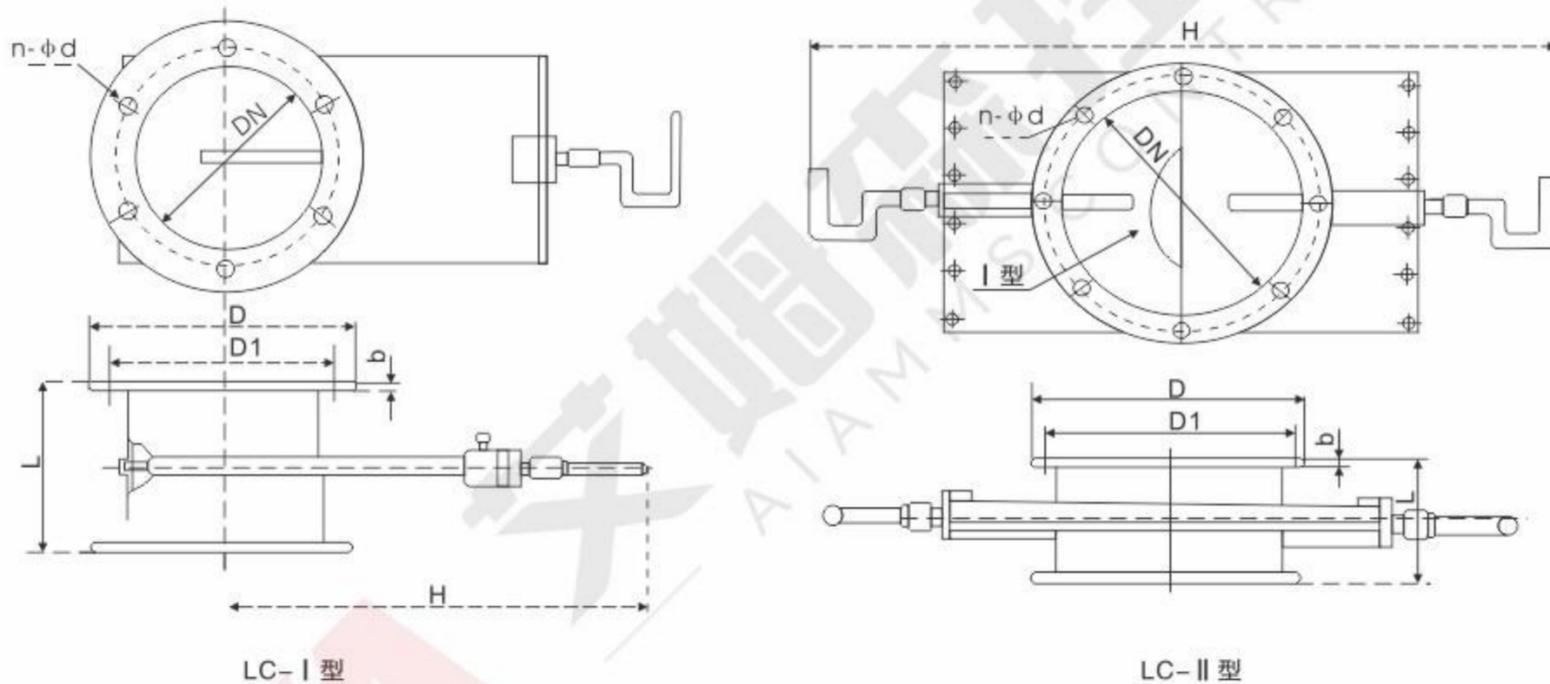
The valve features compact construction and the ease of operation. The valve plate is made from top quality carbon steel, characteristic of flexibility of sliding, labor saving in insertion and withdrawal, fine sealing performance, low regional resistance loss, convenience of maintenance, care and assembling, and limited deformation. The valve has two models model I and model II, applicable for flow control in air dust removal, air power transmission and exhaust system pipeline. The model II is primarily used for the flow regulation and cut-off for the conveying of solid powders.

主要性能:

- 公称压力: 0.05Mpa
- 介质流速: 28m/s
- 适用温度: ≤300℃
- 适用介质: I型为空气、粉尘、气体
- II型录为固体粉料、晶体料等

Key properties:

- Nominal pressure: 0.05Mpa
- Medium flow rate: 28m/s
- Applicable temperature: ≤300℃
- Applicable medium: model I: air, dust, power, gas;
- model II: solid powder, crystal material, etc.



主要外形及连接尺寸表 External dimensions and connection size:

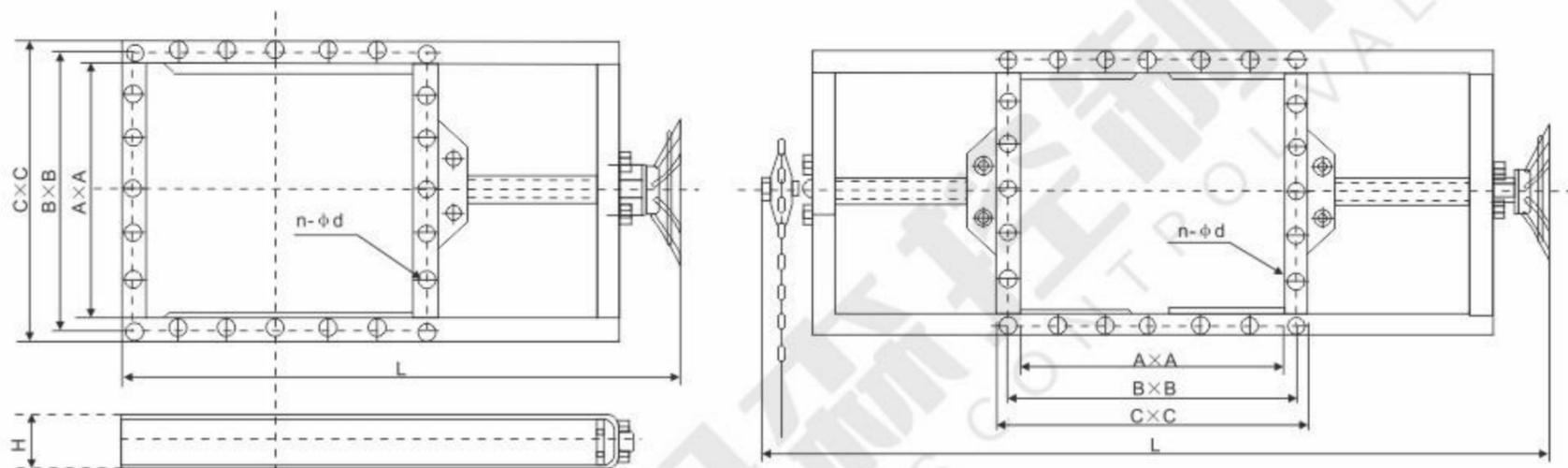
| DN | D | D1 | b | H | L | n-φd | 重量kg | DN | D | D1 | b | H | L | n-φd | 质量kg |
|-----|-----|-----|---|-----|-----|-------|------|-----|-----|-----|----|------|-----|-------|------|
| 80 | 150 | 120 | 6 | 240 | 80 | 4-φ10 | 36 | 240 | 310 | 280 | 8 | 465 | 120 | 8-φ10 | 291 |
| 90 | 160 | 130 | | 250 | | | 60 | 250 | 320 | 290 | | 480 | | | 310 |
| 100 | 170 | 140 | | 270 | | | 98 | 260 | 330 | 300 | | 495 | | | 340 |
| 110 | 180 | 150 | | 285 | | | 110 | 280 | 350 | 320 | | 510 | | | 360 |
| 120 | 190 | 160 | | 300 | | | 127 | 300 | 380 | 345 | | 525 | | | 380 |
| 130 | 200 | 170 | | 315 | | | 140 | 320 | 400 | 365 | | 540 | | | 400 |
| 140 | 210 | 180 | 8 | 330 | 100 | 6-φ10 | 150 | 340 | 420 | 385 | 10 | 555 | 140 | 8-φ10 | 420 |
| 150 | 220 | 190 | | 345 | | | 167 | 360 | 440 | 405 | | 1040 | | | 450 |
| 160 | 230 | 200 | | 360 | | | 175 | 380 | 460 | 425 | | 1070 | | | 490 |
| 170 | 240 | 210 | | 375 | | | 195 | 400 | 480 | 445 | | 1110 | | | 550 |
| 180 | 250 | 220 | | 380 | | | 210 | 420 | 500 | 465 | | 1140 | | | 590 |
| 190 | 260 | 230 | | 405 | | | 225 | 450 | 530 | 495 | | 1210 | | | 630 |
| 200 | 270 | 240 | | 420 | | | 236 | 480 | 560 | 525 | | 1270 | | | 660 |
| 210 | 280 | 250 | | 435 | | | 248 | 500 | 580 | 545 | | 1310 | | | 690 |
| 220 | 290 | 260 | | 450 | | | 262 | 530 | 610 | 575 | | 1370 | | | 720 |
| 230 | 300 | 270 | | 460 | | | 280 | 560 | 640 | 605 | | 1400 | | | 750 |

结构特点及用途:

本阀门结构简单、操作灵活、重量轻、无卡阻，特另适用于各类固体物料和50mm左右块状、团状物料的输送及流量调节，安装不受角度限制，操作方便，能随时调整开度。本阀是一种粉料、晶粒料、及小块物料的流量或输送量的主要控制设备，广泛使用在冶金、矿山、建材、粮食、化工等行业控制流量变化或迅速切断。

Structural characteristics and purpose:

The valve features compact construction, flexibility of operation, low weight and zero block, especially suitable for stable solid material and bulk and conglomerate material with a size of 50mm or so for their conveying and flow control. The installation is never restricted by angle and the openness could be adjusted at any moment. The valve is a primary control equipment for the flow or conveying quantity control of powder material, crystal material and small piece material. It is widely used in such sectors including metallurgy, mining, building material, grain processing, chemical industry, etc. for rapid flow control or cut-off.



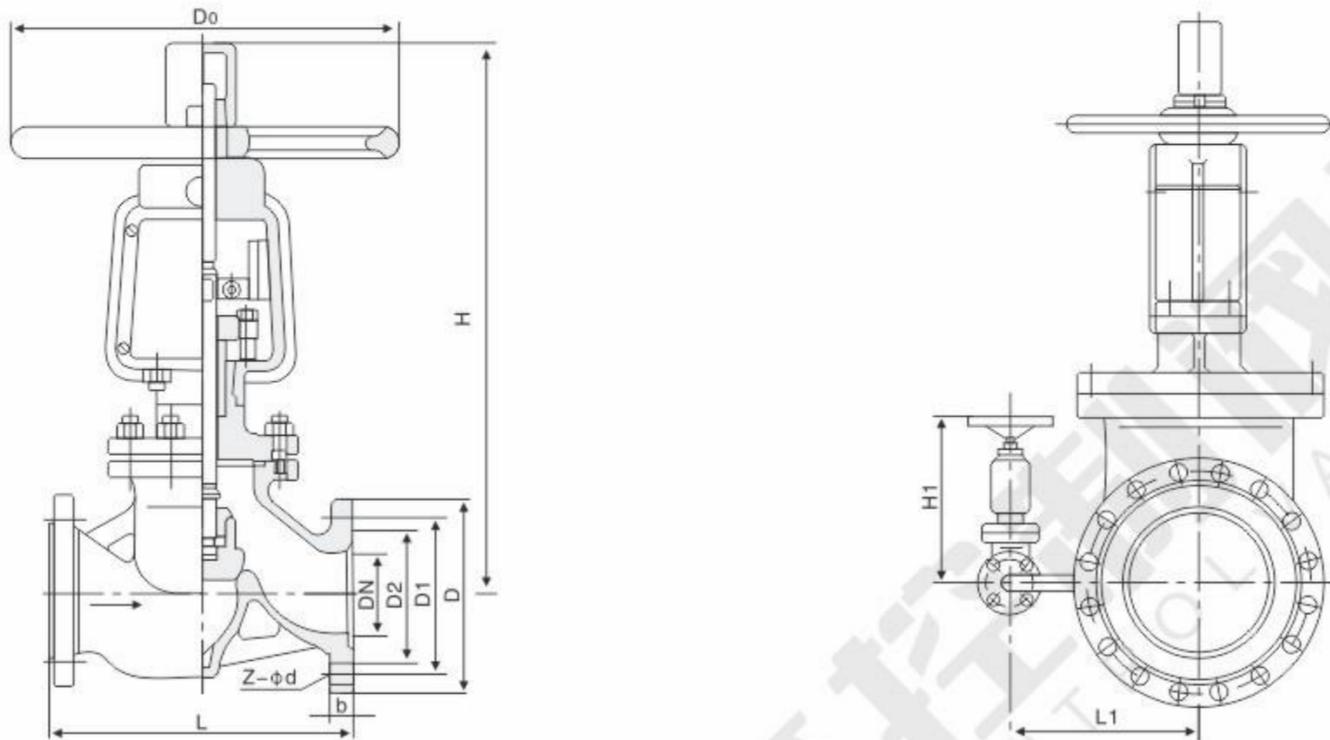
LMD-111型单向螺旋闸阀门
LMD-111 one-way rotary gate valve

LMS-111型双向螺旋闸阀门
LMS-111 two-way rotary gate valve

主要外形及连接尺寸表 External dimensions and connection size:

| 类别Category | AxA1 | BxB1 | CxC1 | L | H | n-φd | 重量kg |
|-------------------|---------------|-------------------|---|------|-----|--------|------|
| 单向 One-way | 200x200 | 256x256 | 296x296 | 820 | 100 | 8-φ2 | 52 |
| | 245x655 | 305x715 | 341x751 | 1620 | 100 | 20-φ4 | 121 |
| | 250x250 | 306x306 | 346x346 | 930 | 100 | 8-φ4 | 65 |
| | 300x300 | 356x356 | 396x396 | 1050 | 100 | 12-φ4 | 81 |
| | 400x400 | 456x456 | 496x496 | 1250 | 100 | 12-φ8 | 114 |
| | 450x450 | 510x510 | 556x556 | 1350 | 120 | 16-φ8 | 130 |
| | 490x490 | 550x550 | 596x596 | 1440 | 120 | 16-φ8 | 147 |
| | 500x500 | 560x560 | 606x606 | 1500 | 120 | 16-φ8 | 153 |
| | 600x600 | 660x660 | 706x706 | 1710 | 120 | 20-φ8 | 178 |
| | 700x700 | 770x770 | 820x820 | 1940 | 140 | 20-φ18 | 213 |
| | 800x800 | 870x870 | 920x920 | 2140 | 140 | 24-φ18 | 257 |
| | 900x900 | 974x974 | 1030x1030 | 2410 | 160 | 24-φ18 | 325 |
| | 980x980 | 1054x1054 | 1100x1100 | 2570 | 160 | 24-φ23 | 392 |
| 双向 Two-way | 1000x1000 | 1074x1074 | 1130x1130 | 2610 | 160 | 24-φ18 | 428 |
| | 600x600 | 660x660 | 706x706 | 2010 | 120 | 16-φ18 | 200 |
| | 600x1000 | 660x1074 | 706x1130 | 2870 | 120 | 20-φ23 | 290 |
| | 700x700 | 770x770 | 820x820 | 2130 | 140 | 20-φ18 | 240 |
| | 800x800 | 870x870 | 920x920 | 2240 | 140 | 20-φ18 | 320 |
| | 900x900 | 974x974 | 1030x1030 | 2660 | 160 | 24-φ23 | 380 |
| | 1000x1000 | 1074x1074 | 1130x1130 | 2870 | 160 | 24-φ23 | 460 |
| 说明 Description | LMD-单向One-way | I-手轮 Hand wheel | 距地面小于1.7米手轮，大于1.7米用链轮 Hand wheel when the distance is less than 1.7m above ground and chain wheel when the distance is above 1.7m | | | | |
| | LMS-双向Two-way | II-链轮 Chain wheel | 链条节数M=0.105X-113(X是丝杆中心离地面高度)Chain node M=0.105X-113 (X represents the height of the center of thread rod above ground) | | | | |

YJ41W-25~40P/T



主要外形和连接尺寸 Main external and connection dimension

单位Unit:mm

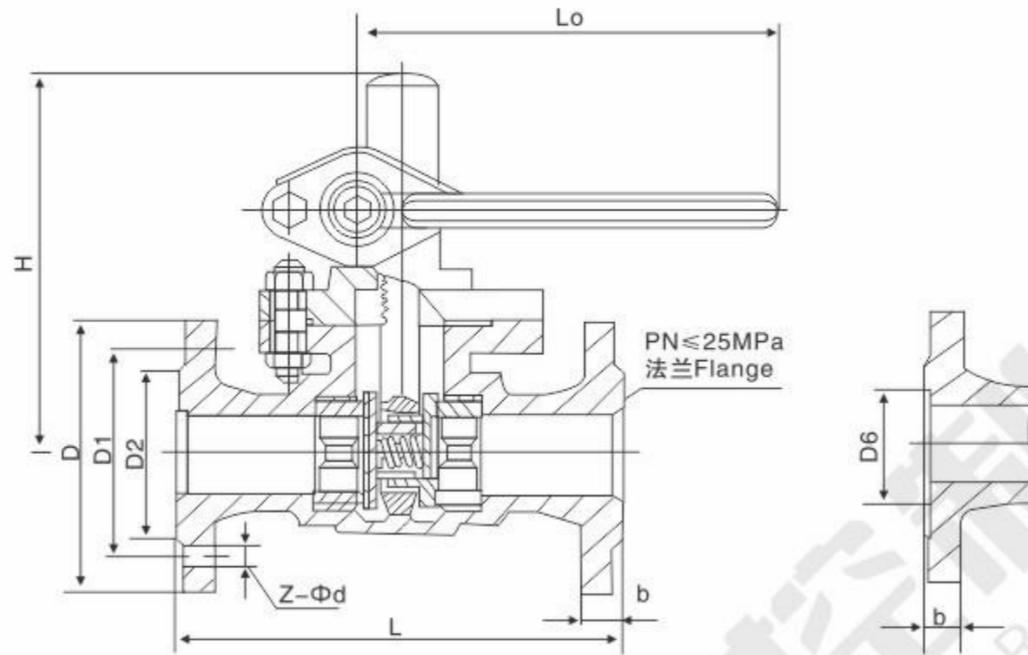
| 公称通径 DN | 主要外形和连接尺寸(mm)Main external and connecting dimensions | | | | | | | | | | WT (kg) |
|------------|--|-----|-----|-----|----|-----------|-----|------|-----|-----|------------|
| | L | D | D1 | D2 | b | Z-φd | D0 | H | H1 | L1 | |
| | YJ41W-25P | | | | | YJ41W-25T | | | | | |
| 15 | 130 | 95 | 65 | 45 | 16 | 4-φ14 | 100 | 190 | - | - | 5 |
| 20 | 150 | 105 | 75 | 55 | 16 | 4-φ14 | 100 | 213 | - | - | 6.5 |
| 25 | 160 | 115 | 85 | 65 | 16 | 4-φ14 | 125 | 236 | - | - | 7 |
| 32 | 190 | 135 | 100 | 78 | 18 | 4-φ18 | 180 | 312 | - | - | 13.5 |
| 40 | 200 | 145 | 110 | 85 | 18 | 4-φ18 | 160 | 328 | - | - | 16 |
| 50 | 230 | 160 | 125 | 100 | 20 | 4-φ18 | 320 | 450 | - | - | 32 |
| 65 | 290 | 180 | 145 | 120 | 22 | 8-φ18 | 360 | 530 | - | - | 46 |
| 80 | 310 | 195 | 160 | 135 | 22 | 8-φ18 | 400 | 560 | - | - | 60 |
| 100 | 350 | 230 | 190 | 160 | 24 | 8-φ23 | 450 | 618 | - | - | 80 |
| 125 | 400 | 270 | 220 | 188 | 28 | 8-φ25 | 450 | 675 | - | - | 107 |
| 150 | 480 | 300 | 250 | 218 | 30 | 8-φ25 | 560 | 743 | - | - | 134 |
| 200 | 600 | 360 | 310 | 278 | 34 | 12-φ25 | 640 | 850 | - | - | 268 |
| 250 | 650 | 425 | 370 | 332 | 36 | 12-φ30 | 720 | 975 | 340 | 380 | 449 |
| 300 | 750 | 485 | 430 | 390 | 40 | 16-φ30 | 800 | 1115 | 340 | 415 | 663 |
| 400 | 950 | 610 | 550 | 505 | 48 | 16-φ34 | 900 | 1380 | 340 | 465 | 1170 |

主要外形和连接尺寸 Main external and connection dimension

单位Unit:mm

| 公称通径 DN | 主要外形和连接尺寸(mm)Main external and connecting dimensions | | | | | | | | | | WT (kg) | |
|------------|--|-----|-----|-----|-----|-----------|--------|-----|------|-----|------------|------|
| | L | D | D1 | D2 | D6 | b | Z-φd | D0 | H | H1 | | L1 |
| | YJ41W-40P | | | | | YJ41W-40T | | | | | | |
| 15 | 130 | 95 | 65 | 45 | 40 | 16 | 4-φ14 | 100 | 202 | - | - | 5 |
| 20 | 150 | 105 | 75 | 55 | 51 | 16 | 4-φ14 | 100 | 225 | - | - | 6.5 |
| 25 | 160 | 115 | 85 | 65 | 58 | 16 | 4-φ14 | 125 | 236 | - | - | 7 |
| 32 | 190 | 135 | 100 | 78 | 66 | 18 | 4-φ18 | 180 | 312 | - | - | 13.5 |
| 40 | 200 | 145 | 110 | 85 | 76 | 18 | 4-φ18 | 160 | 328 | - | - | 16 |
| 50 | 230 | 160 | 125 | 100 | 88 | 20 | 4-φ18 | 320 | 450 | - | - | 32 |
| 65 | 290 | 180 | 145 | 120 | 110 | 22 | 8-φ18 | 360 | 530 | - | - | 46 |
| 80 | 310 | 195 | 160 | 135 | 121 | 22 | 8-φ18 | 400 | 560 | - | - | 60 |
| 100 | 350 | 230 | 190 | 160 | 150 | 24 | 8-φ23 | 450 | 618 | - | - | 80 |
| 125 | 400 | 270 | 220 | 188 | 176 | 28 | 8-φ25 | 450 | 675 | - | - | 105 |
| 150 | 480 | 300 | 250 | 218 | 204 | 30 | 8-φ25 | 560 | 743 | - | - | 134 |
| 200 | 600 | 375 | 320 | 282 | 260 | 38 | 12-φ30 | 640 | 850 | - | - | 266 |
| 250 | 650 | 445 | 385 | 345 | 313 | 42 | 12-φ34 | 720 | 975 | 340 | 380 | 491 |
| 300 | 750 | 510 | 450 | 408 | 364 | 46 | 16-φ34 | 800 | 1115 | 340 | 415 | 705 |
| 400 | 950 | 655 | 585 | 535 | 474 | 58 | 16-φ41 | 900 | 1425 | 340 | 465 | 1234 |

PZ44H型 PN1.6-4.0MPa



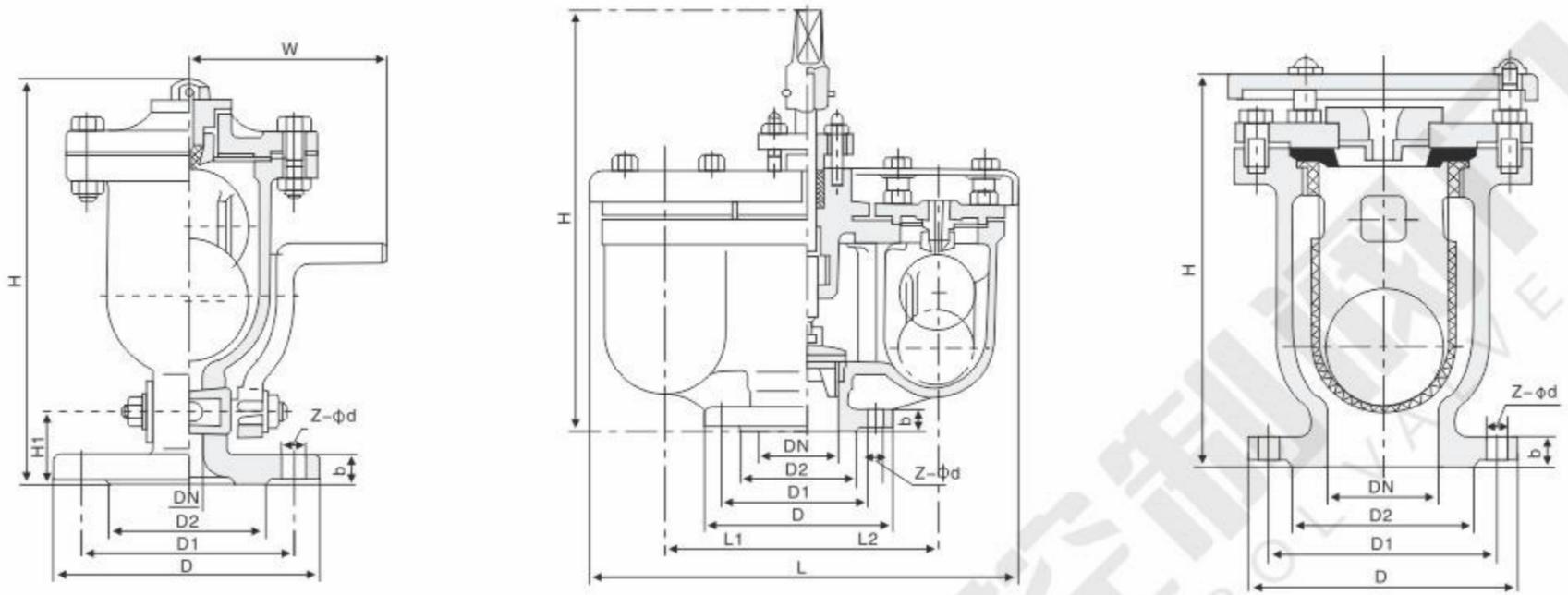
产品性能规范 Chief property and specification

| 型号 Type | 公称压力PN (MPa) Nominal pressure | 试验压力 (Ps/MPa) Test pressure | | 适用介质 Applicable medium | 适用温度(°C) Applicable temperature |
|----------|----------------------------------|-----------------------------|-----------|---------------------------|------------------------------------|
| | | 强度Strength | 密封Sealing | | |
| P48H-16 | 1.6 | 2.4 | 1.8 | 水、蒸汽 Water, Steam | ≤250 |
| P48H-16Q | | | | | |
| P48H-16C | | | | | |
| P48H-25Q | 2.5 | 3.8 | 2.8 | | ≤425 |
| P48H-25 | | | | | |
| P48H-40 | 4.0 | 6.0 | 4.4 | | ≤250 |
| P48H-40Q | | | | | |

主要外形和连接尺寸 Main external and connection dimension

单位Unit:mm

| 型号 Type | 公称通径 (DN/mm) | 尺寸Dimension(mm) | | | | | | | | 重量 WT(kg) |
|----------------------|-----------------|-----------------|-----|-----|-----|----|-------|-----|-----|--------------|
| | | L | D | D1 | D2 | b | Z-φd | H | L0 | |
| P48H-16Q P48H-16C | 25 | 160 | 115 | 85 | 65 | 14 | 4-φ14 | 160 | 180 | 10 |
| | 32 | 180 | 135 | 100 | 78 | 16 | 4-φ18 | 180 | 200 | 11 |
| | 40 | 230 | 145 | 110 | 85 | 16 | 4-φ18 | 220 | 220 | 16 |
| | 50 | 250 | 160 | 125 | 100 | 16 | 4-φ18 | 230 | 240 | 20 |
| | 65 | 265 | 180 | 145 | 120 | 18 | 4-φ18 | 250 | 280 | 28 |
| | 80 | 280 | 195 | 160 | 135 | 20 | 8-φ18 | 280 | 350 | 38 |
| P48H-25Q P48H-25C | 100 | 320 | 215 | 180 | 155 | 20 | 8-φ18 | 400 | 500 | - |
| | 25 | 160 | 115 | 85 | 65 | 16 | 4-φ14 | 160 | 180 | 10 |
| | 32 | 180 | 135 | 100 | 78 | 18 | 4-φ18 | 180 | 200 | 11 |
| | 40 | 230 | 145 | 110 | 85 | 18 | 4-φ18 | 220 | 220 | 16 |
| | 50 | 250 | 160 | 125 | 100 | 20 | 4-φ18 | 230 | 240 | 20 |
| | 65 | 265 | 180 | 145 | 120 | 22 | 8-φ18 | 250 | 280 | 28 |
| P48H-40Q P48H-40 | 80 | 280 | 195 | 160 | 135 | 22 | 8-φ18 | 280 | 350 | 38 |
| | 100 | 320 | 230 | 190 | 160 | 24 | 8-φ23 | 400 | 500 | - |
| | 25 | 160 | 115 | 85 | 65 | 16 | 4-φ14 | 160 | 180 | 10 |
| | 32 | 180 | 135 | 100 | 78 | 18 | 4-φ18 | 180 | 200 | 11 |
| | 40 | 230 | 145 | 110 | 85 | 18 | 4-φ18 | 220 | 220 | 16 |
| | 50 | 250 | 160 | 125 | 100 | 20 | 4-φ18 | 230 | 240 | 20 |



主要外形和连接尺寸 Main external and connection dimension P I -10

单位 Unit:mm

| 公称通径 DN | 主要外形和连接尺寸(mm) Main external and connecting dimensions | | | | | | | | WT (kg) |
|------------|---|-----|-----|----|-------|-----|----|-----|------------|
| | D | D1 | D2 | b | Z-φd | H | H1 | W | |
| PN1.0MPa | | | | | | | | | |
| 15 | 211 | 168 | 125 | 24 | 4-φ18 | 284 | 52 | 156 | 10 |
| 20 | 211 | 168 | 125 | 24 | 4-φ18 | 303 | 58 | 156 | 20 |
| 25 | 211 | 168 | 125 | 24 | 4-φ18 | 331 | 58 | 156 | 25 |

主要外形和连接尺寸 Main external and connection dimension P II -10

单位 Unit:mm

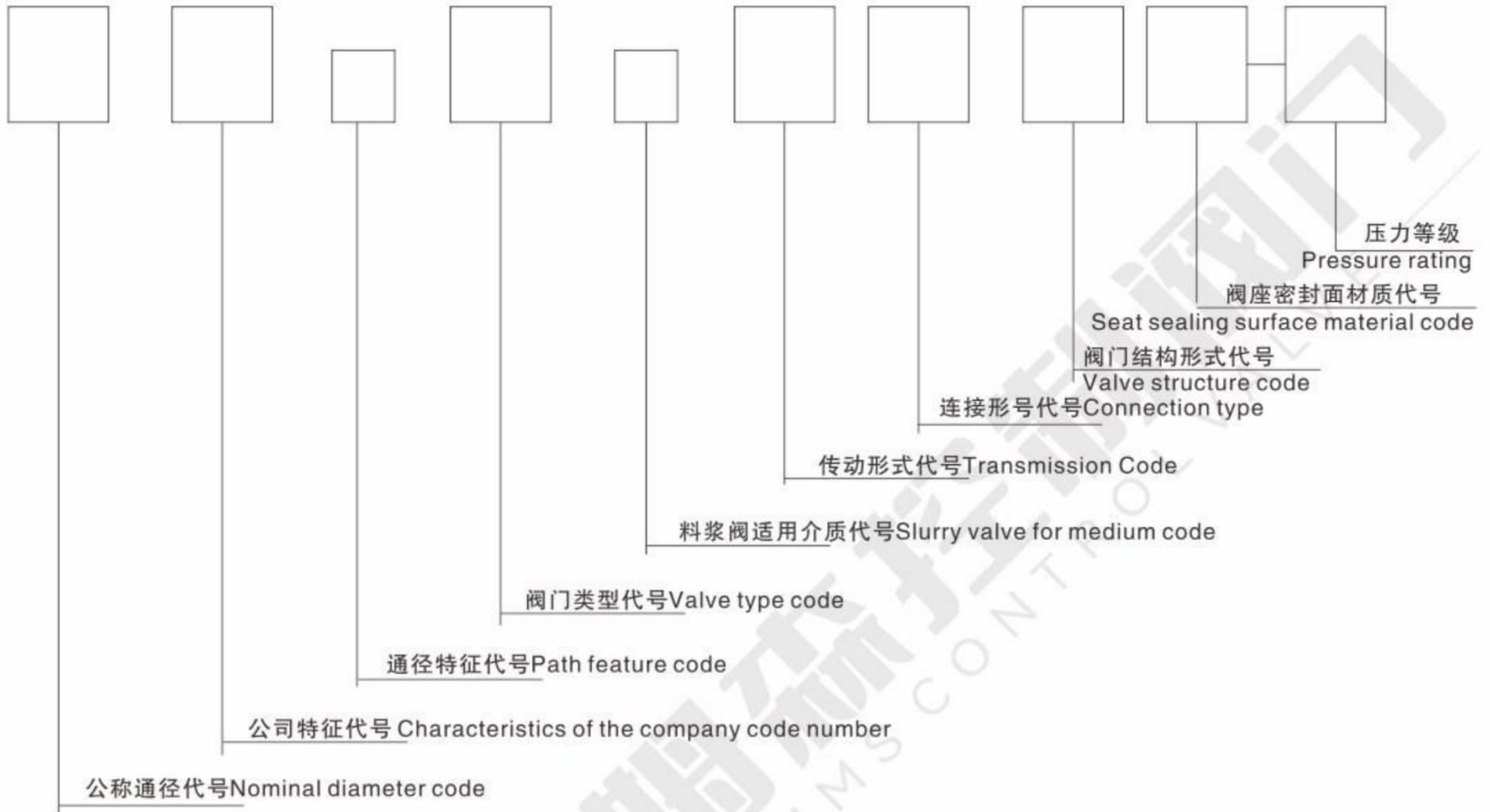
| 公称通径 DN | 主要外形和连接尺寸(mm) Main external and connecting dimensions | | | | | | | | | WT (kg) |
|------------|---|-----|-----|-----|-----|-----|----|-------|-----|------------|
| | L | L1 | L2 | D | D1 | D2 | b | Z-φd | H | |
| PN1.0MPa | | | | | | | | | | |
| 50 | 472 | 145 | 145 | 211 | 168 | 125 | 24 | 4-φ18 | 452 | 56 |
| 80 | 504 | 157 | 157 | 211 | 168 | 125 | 24 | 4-φ18 | 459 | 63 |
| 100 | 548 | 173 | 173 | 238 | 195 | 152 | 25 | 4-φ18 | 532 | 85 |
| 150 | 692 | 220 | 220 | 290 | 247 | 204 | 26 | 6-φ18 | 618 | 145 |
| 200 | 692 | 220 | 220 | 342 | 299 | 256 | 27 | 6-φ18 | 700 | 200 |

主要外形和连接尺寸 Main external and connection dimension KP I_{II} -10

单位 Unit:mm

| 公称通径 DN | 主要外形和连接尺寸(mm) Main external and connecting dimensions | | | | | | WT (kg) |
|------------|---|-----|-----|----|-------|-----|------------|
| | D | D1 | D2 | b | Z-φd | H | |
| PN1.0MPa | | | | | | | |
| 50 | 165 | 125 | 102 | 20 | 4-φ18 | 420 | 23 |
| 80 | 200 | 160 | 133 | 22 | 8-φ18 | 500 | 37 |
| 100 | 220 | 180 | 158 | 24 | 8-φ18 | 549 | 48 |
| 150 | 285 | 240 | 212 | 26 | 8-φ22 | 615 | 67 |
| 200 | 340 | 295 | 268 | 28 | 8-φ22 | 729 | 120 |
| 50 | 211 | 168 | 125 | 24 | 4-φ18 | 420 | 25 |
| 80 | 211 | 168 | 124 | 24 | 4-φ18 | 500 | 39 |
| 100 | 238 | 195 | 152 | 25 | 4-φ18 | 549 | 50 |
| 150 | 390 | 247 | 204 | 26 | 6-φ18 | 615 | 69 |
| 200 | 342 | 299 | 256 | 27 | 6-φ18 | 729 | 125 |

编号说明Serial number explanation



- ★公称通径代号：以英寸表示。
- ★公司特征代号：本公司的特征代号为Q。
- ★通径特征代号：s-表示阀体为缩径型，全通径省省略。
- ★阀门类型代号：J-表示阀门类型为截止阀。
- ★料浆阀适用介质代号：S-液体+固体颗粒两相流介质。
- ★传动方式代号：（手动略）、5-伞齿轮传动、6-气动、7液动、9-电动。
- ★连接形式代号：4-法兰连接。
- ★阀门结构形式代号：5-阀杆倾角45°、6-阀杆倾角60°。
- ★阀座密封面材质代号：Y-密封面材质为硬质合金。
- ★压力等级：压力等级以Lb表示。
- ★ Nominal diameter code: In inches, said.
- ★ Company characteristics codenamed: This company's characteristic code number is Q.
- ★ Path characteristics codenamed: S-expressed valve as condensation Diameter Type, whole Path omitted.
- ★ Valve type code number: J- Expressed that the valve chest type is a cut-off valve
- ★ The ground paste valve is suitable the medium code number: S- liquid + solid particle two phase current medium.
- ★ Type of drive code number: (Manual omitted), 5- bevel drives, 6- air operated, 7 fluids move, 9- electrically operated.
- ★ Connection form code number: 4- Flange connections.
- ★ Valve structural style code number: 5- Valve lever inclination angles 45° , 6- valve lever inclination angles 60°
- ★ Seat sealing surface material code: The Y- packing surface material quality is the hard alloy.
- ★ Pressure rating: The pressure rating indicated by Lb

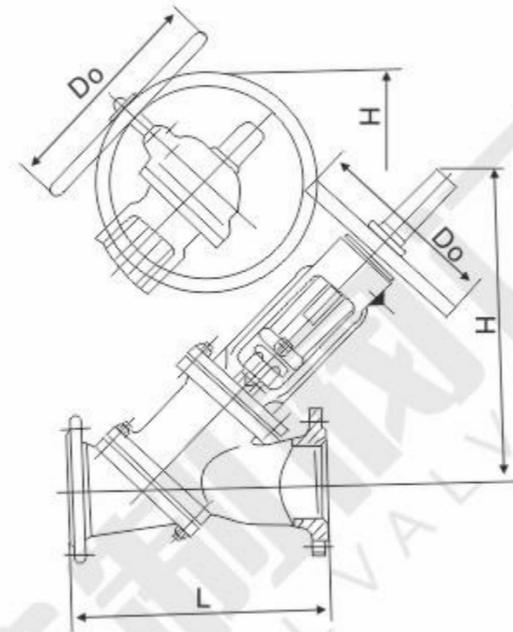
示例Example: 8" QsJs545Y-300

表示公称通径为8"、缩口、阀门类型为截止式料浆阀、液体+固体颗粒两相流介质、传动方式为伞齿传动、法兰连接、结构形式为阀杆倾斜45°、密封面材质为硬质合金、压力等级为Class300。

Shows the sign nominal size is 8", shrinks the mouth, the valve type for the closure type ground paste valve, the liquid + solid particle two phase current medium, the type of drive for the bevel drive, the flange connection, the structural style for the valve lever incline 45°, the packing surface material quality for hard alloy, the pressure rating is Class300.

产品特点:

左右阀体分开式，两阀体之间夹有阀座，拆开连接两阀体的螺栓就可以更换阀座；阀体内腔装有耐冲刷、耐腐蚀的护板，在开启阀门瞬间，可以保护阀体不被介质冲刷、腐蚀，并对其整体进行化学镀NI.P处理，使其表面硬度达到HRC60~62，具有高耐磨、耐腐蚀的优良性能，阀座密封与阀瓣密封面均堆焊司太立硬质合金或喷涂碳化钨，密封副间采用球面密封，使密封面为线接触，保证密封的可靠性，并可防止结疤。阀门带有上密封结构，全时可以保护填料。阀门没有防转机构，保证阀杆在开启和关闭时只做直线运动，不做回转运动。阀门驱动方式有：手动、气动、齿轮传动。



Ground paste valve synopsis:

Separate left and right body type, there are the seat between the two valve, open the valve connecting the two bolts on the valve seat can be replaced; body cavity with erosion-resistant, corrosion-resistant protective cover, open the valve at the moment can protect the body being medium erosion, corrosion, and chemical plating NI.P their overall treatment, to surface hardness HRC60~62, with high wear resistance, excellent corrosion properties, valve seat and valve sealing surface sealing surface are surfacing stellite or carbide coating tungsten carbide, sealing between the spherical surface sealing, the sealing surface for the line to make contact, to ensure the reliability of sealing and prevent scarring. The valve has seals the structure, all opens when may protect the padding. Valve with anti-rotation body to ensure that open and close when the stem only do in a straight line, do not do radial motion. Valve drive type: manual, electric, pneumatic, gear.

产品规格Product characteristic:

| 型号 Models | 公称压力 Nominal pressure | 驱动方式 Driving manner | 公称通径 Nominal size (英吋 inch) | | | | | | | | | | | |
|--------------|--------------------------|------------------------|-----------------------------|---|---|---|---|---|----|----|----|----|----|--|
| | | | 2 | 3 | 4 | 5 | 6 | 8 | 10 | 12 | 14 | 16 | 20 | |
| QsJs45Y | Class150 | 手动 Hand operated | ☆ | ☆ | ☆ | ☆ | ☆ | | | | | | | |
| | Class300 | | ☆ | ☆ | ☆ | ☆ | | | | | | | | |
| | Class400 | | ☆ | ☆ | ☆ | ☆ | | | | | | | | |
| QsJS545Y | Class150 | 齿轮传动 Gear operated | | | | | | ☆ | ☆ | ☆ | ☆ | ☆ | | |
| | Class300 | | | | | | | ☆ | ☆ | ☆ | | | | |
| | Class400 | | | | | | | ☆ | ☆ | ☆ | | | | |
| QsJs945Y | Class150 | 电动 Electric Driving | | | | | | | ☆ | ☆ | ☆ | ☆ | | |
| | Class300 | | | | | | | ☆ | ☆ | ☆ | | | | |
| | Class400 | | | | | | | ☆ | ☆ | ☆ | | | | |

注：本公司可根据用户要求提供产品。notes:our company can provide products according to the customer's request.

产品性能Product performance:

| 公称压力 Nominal pressure | 强度试验压力 (MPa) Shell test pressure | 密封验压力 (MPa) Sealing test pressure | 介质温度 (℃) Medium temperature | 适用介质 Applicable Medium |
|--------------------------|-------------------------------------|--------------------------------------|--------------------------------|--|
| 150(2.0) | 3.0 | 2.2 | ≤425 | 碱性氧化铝料浆、矿浆、粉煤灰等 Alkalinity aluminum oxide ground paste, pulp, pulverized coal ash and so on |
| 300(5.0) | 7.5 | 5.5 | ≤425 | |
| 400(6.8) | 10.3 | 7.6 | ≤425 | |
| 600(10.0) | 15.0 | 11.0 | ≤425 | |

Class150 QsJs45Y QsJs545Y QsJs945Y

技术规范

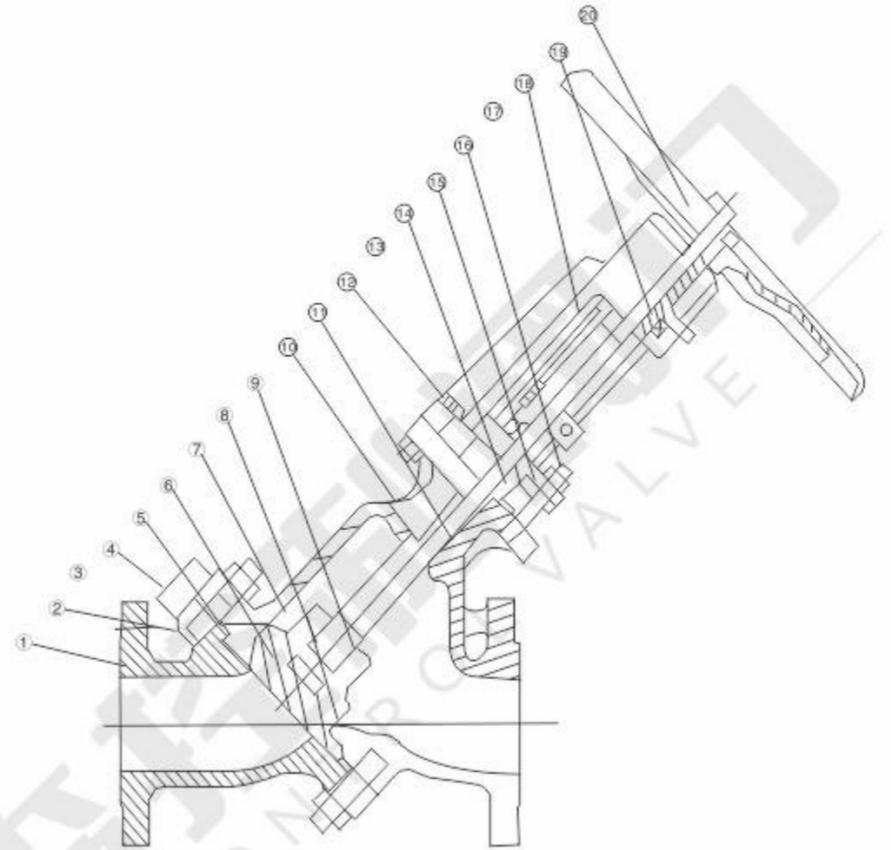
- 1、设计制造按：ASME S16.34(Class150为缩径设计)、BS1873
- 2、结构长度按：用户指定
- 3、法兰端尺寸按：ASNE B16.5 GB/T9113.1
- 4、检验标准：API 598

*注：国标PN2.0MPa Y型料浆阀技术规范同上述各项。

Technical specification

- 1、Design and production according to ASME B16.34 (reduced bore design about the products of class150)、BS1873
- 2、Face to face dimension according to use's demand
- 3、The size of flange ends according to ASME B16.5、GB/T9113.1
- 4、Inspecting standard:API1598

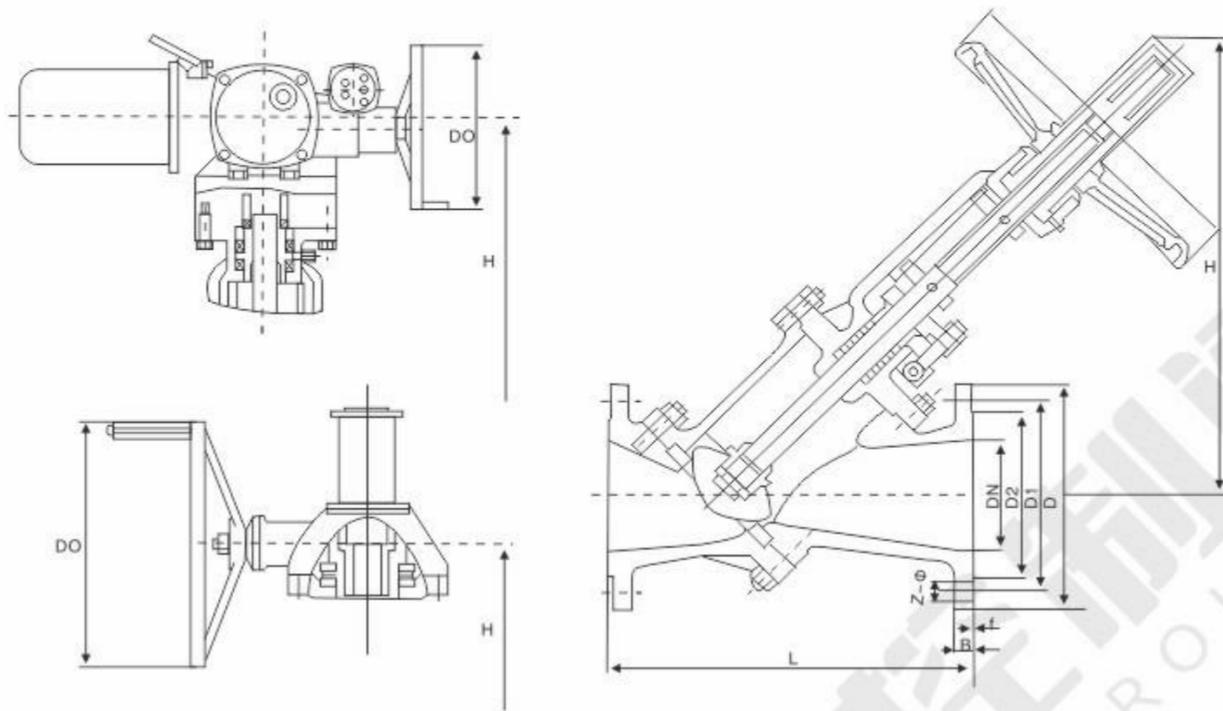
*Notes:The technical specifications of GB PN2.0MPa Y-Type slurry vales are the same as the above



主要零件材质表 form of major parts materials

| 序号 No | 零件名称 Accessory name | 材质 Material |
|----------|------------------------|--------------------------------------|
| 1 | 左阀体Letf Body | ADTM A216 WCB |
| 2 | 螺柱Body Bolt | ASTM A193 B7 |
| 3 | 螺母Body Nut | ASTM A194 2H |
| 4 | 垫片Gasket | 柔性石墨+不锈钢 Graphite+stainless steel |
| 5 | 阀座Seat | ASTM A105+HF |
| 6 | 阀瓣Disc | ASTM A105+HF |
| 7 | 阀杆Stem | ASTM A182 F6a |
| 8 | 二合环Two-half Ring | ASTM A182 F6a |
| 9 | 阀瓣卡套Disc Stem Nut | ASTM A105 |
| 10 | 右阀体Ringht Bolt | ASTM A216 WCB+Alloy Steel |
| 11 | 填料Packing | Graphite |
| 12 | 螺栓Bonnet Bolt | ASTM A193 B7 |
| 13 | 螺母Bonnet Nut | ASTM A194 2H |
| 14 | 填料压套Packing Gland | ASTM A182 F6a |
| 15 | 填料压盖Packing Flange | ASTM A216 WCB |
| 16 | 活节螺栓Gland Eye Bolt | ASTM A193 B7 |
| 17 | 螺母Eye Bolt Nut | ASTM A194 2H |
| 18 | 支架Yoke | ASTM A216 WCB |
| 19 | 阀杆螺母Yode Sleeve Nut | Alloy Copper |
| 20 | 手轮Hand Wheel | Ductile iron |

Class150 QsJs45Y QsJs545Y QsJs945Y



主要外形尺寸 Main Size of outside Class150(PN2.0MPa)

| 规格size DN(mm) NPS(in) | 驱动方式 Driving manners | L | D | D1 | D2 | B | Z-φ | f | Do | H | 驱动装置* Driving device |
|--------------------------|-------------------------|-----|-----|-------|-------|-------|-------|---|-----|------|-------------------------|
| 50 2 | 手动 Hand Operated | 230 | 150 | 120.5 | 92 | 16 | 4-20 | 2 | 250 | 307 | - |
| 80 3 | 手动 Hand Operated | 310 | 190 | 152.5 | 127 | 19.58 | 4-20 | 2 | 250 | 386 | - |
| 100 4 | 手动 Hand Operated | 350 | 230 | 190.5 | 157.5 | 24 | 8-20 | 2 | 250 | 448 | - |
| 125 5 | 手动 Hand Operated | 400 | 255 | 216 | 186 | 24 | 8-22 | 2 | 320 | 519 | - |
| 150 6 | 手动 Hand Operated | 480 | 280 | 241.5 | 216 | 25.5 | 8-22 | 2 | 360 | 600 | - |
| 200 8 | 齿动 Gear driving | 600 | 345 | 298.5 | 270 | 29 | 8-22 | 2 | 450 | 795 | BA-1 |
| 250 10 | 齿动 Gear driving | 730 | 405 | 362 | 324 | 30.5 | 12-26 | 2 | 600 | 880 | BA-1 |
| 300 12 | 齿动 Gear driving | 850 | 485 | 432 | 318 | 32 | 12-26 | 2 | 600 | 935 | BA-1 |
| 350 14 | 齿动 Gear driving | 980 | 535 | 476 | 413 | 35 | 12-30 | 2 | 600 | 1088 | BA-2 |
| 200 8 | 电动 Electric Driving | 600 | 345 | 298.5 | 270 | 29 | 8-22 | 2 | 305 | 995 | SMC-00 |
| 250 10 | 电动 Electric Driving | 730 | 405 | 362 | 324 | 30.5 | 12-26 | 2 | 305 | 1045 | SMC-00 |
| 300 12 | 电动 Electric Driving | 850 | 485 | 432 | 381 | 32 | 12-26 | 2 | 305 | 1105 | SMC-0 |
| 350 14 | 电动 Electric Driving | 980 | 535 | 476 | 413 | 35 | 12-30 | 2 | 305 | 1250 | SMC-0 |

Class150 QsJs45Y QsJs545Y QsJs945Y

技术规范

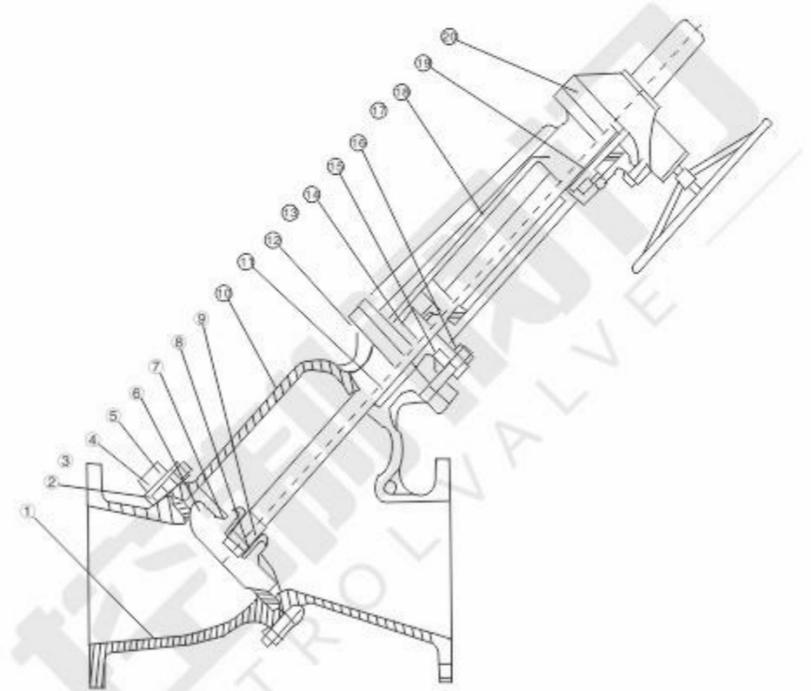
- 1、设计制造按：ASME S16.34、BS1873
- 2、结构长度按：用户指定
- 3、法兰端尺寸按：ASNE B16.5 GB/T9113.4
- 4、检验标准：API 598

*注：国标PN5.0/6.3MPa Y型料浆阀技术规范同上述各项。

Technical specification

- 1、Design and production according to ASME B16.34、BS1873
- 2、Face to face dimension according to use's demand
- 3、The size of flange ends according to ASME B16.5、GB/T9113.4
- 4、Inspecting standard:API1598

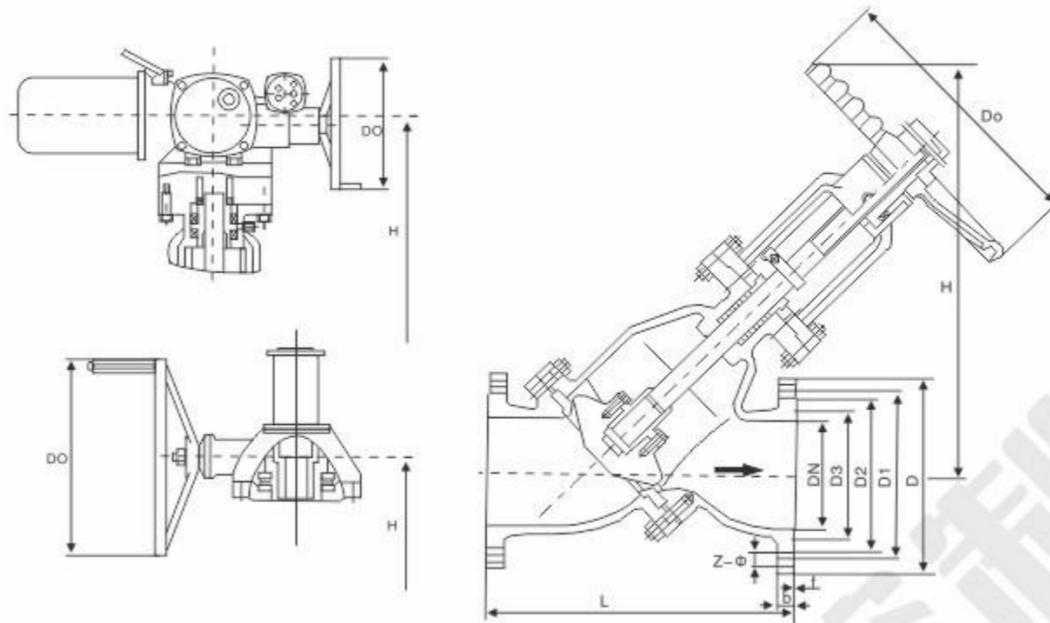
*Notes:The technical specifications of GB PN5.0/6.3MPa Y-Type slurry vales are the same as the above



主要零件材质表 form of major parts materials

| 序号 No | 零件名称 Accessory name | 材质 Material |
|----------|------------------------|-----------------------------------|
| 1 | 左阀体Letf Body | ADTM A216 WCB |
| 2 | 螺柱Body Bolt | ASTM A193 B7 |
| 3 | 螺母Body Nut | ASTM A194 2H |
| 4 | 垫片Gasket | 柔性石墨+不锈钢 Graphite+stainless steel |
| 5 | 阀座Seat | ASTM A105+HF |
| 6 | 阀瓣Disc | ASTM A105+HF |
| 7 | 阀杆Stem | ASTM A182 F6a |
| 8 | 二合环Two-half Ring | ASTM A182 F6a |
| 9 | 阀瓣卡套Disc Stem Nut | ASTM A105 |
| 10 | 右阀体Ringht Bolt | ASTM A216 WCB+Alloy Steel |
| 11 | 填料Packing | Graphite |
| 12 | 螺栓Bonnet Bolt | ASTM A193 B7 |
| 13 | 螺母Bonnet Nut | ASTM A194 2H |
| 14 | 填料压套Packing Gland | ASTM A182 F6a |
| 15 | 填料压盖Packing Flange | ASTM A216 WCB |
| 16 | 活节螺栓Gland Eye Bolt | ASTM A193 B7 |
| 17 | 螺母Eye Bolt Nut | ASTM A194 2H |
| 18 | 支架Yoke | ASTM A216 WCB |
| 19 | 阀杆螺母Yode Sleeve Nut | Alloy Copper |
| 20 | 伞齿轮装置Gear Operatorl | |

Class300/400QsJs45Y QsJs545Y QsJs945Y



主要外形尺寸

Main Size of outside Class300(PN5.0MPa)

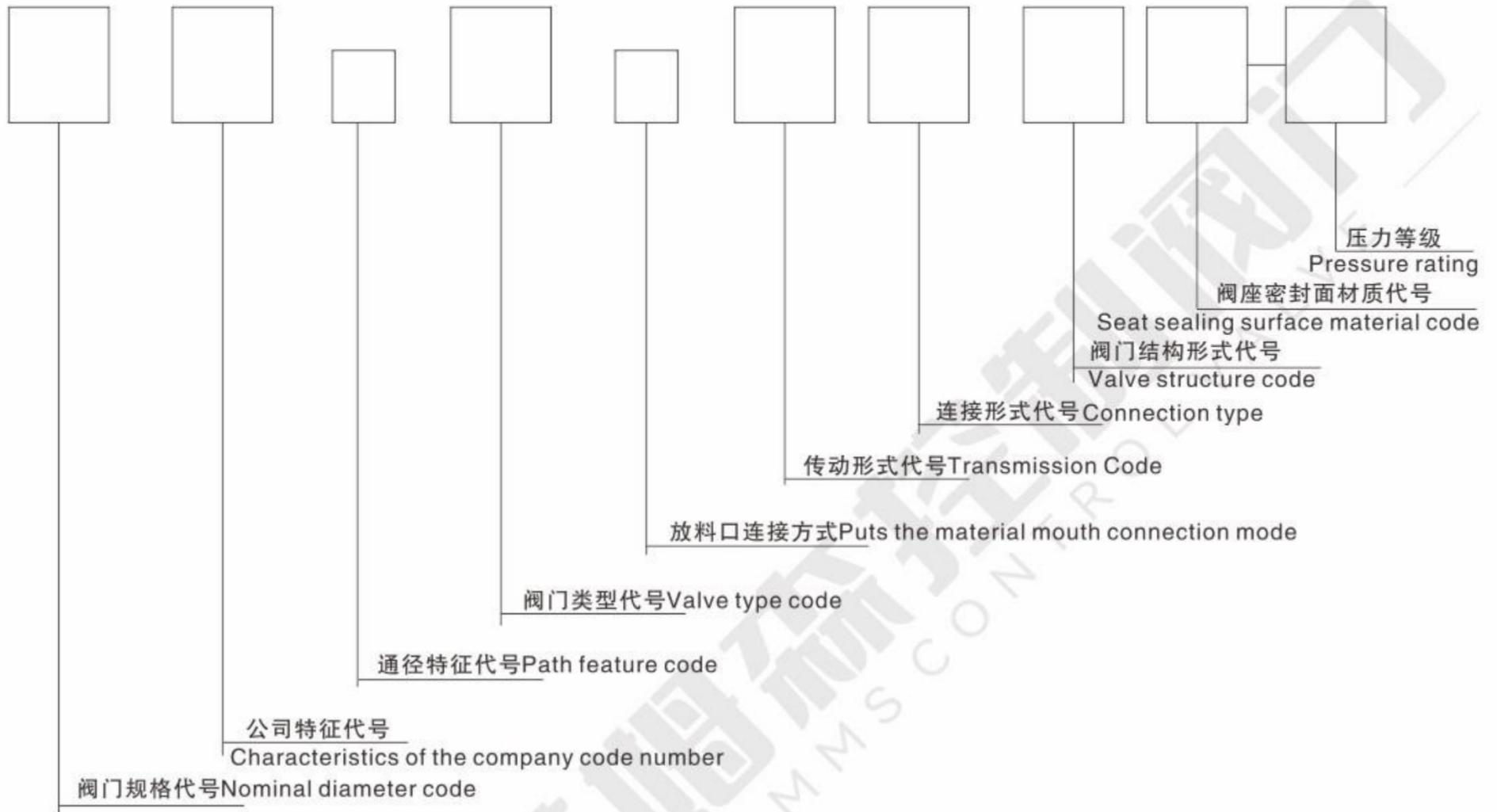
| 规格 size | | 驱动方式 Driving manners | L | D | D1 | D2 | D3 | B | Z-φ | f | Do | H | 驱动装置 Driving device |
|---------|--------|-------------------------|-----------|-----|-------|-----|--------|------|---------|-----|-----|------|------------------------|
| NPS(in) | DN(mm) | | | | | | | | | | | | |
| 50 | 2 | 手动 Hand Operated | 372(361)* | 165 | 127 | 108 | 82.55 | 22.5 | 8-18 | 7.9 | 350 | 435 | - |
| 80 | 3 | | 390 | 210 | 168.5 | 146 | 123.82 | 29 | 8-22 | 7.9 | 400 | 585 | - |
| 100 | 4 | | 468(461)* | 255 | 200 | 175 | 149.22 | 32 | 8-22 | 7.9 | 450 | 680 | - |
| 125 | 5 | | 546 | 280 | 235 | 210 | 180.98 | 35 | 8-22 | 7.9 | 500 | 740 | - |
| 150 | 6 | 齿动 Gear driving | 619 | 320 | 270 | 241 | 211.12 | 37 | 12-22 | 7.9 | 600 | 1300 | BA-1 |
| 200 | 8 | | 743(736)* | 380 | 330 | 302 | 269.88 | 41.5 | 12-26 | 7.9 | 600 | 1350 | BA-1 |
| 250 | 10 | | 848(841)* | 445 | 387.5 | 356 | 323.85 | 48 | 16-30 | 7.9 | 900 | 1400 | BA-2 |
| 150 | 6 | 电动 Electric Driving | 619 | 320 | 270 | 241 | 211.12 | 37 | 12-22 | 7.9 | 320 | 1200 | SMC-0 |
| 200 | 8 | | 743(736)* | 380 | 330 | 302 | 269.88 | 41.5 | 12-26 | 7.9 | 320 | 1250 | SMC-1 |
| 250 | 10 | | 848(841)* | 445 | 387.5 | 356 | 323.85 | 48 | 16-29.5 | 7.9 | 380 | 1350 | SMC-2 |

Class400(PN6.3MPa)

| 规格 size | | 驱动方式 Driving manners | L | D | D1 | D2 | D3 | B | Z-φ | f | Do | H | 驱动装置 Driving device |
|---------|--------|-------------------------|-----------|-----|-------|-----|--------|------|---------|-----|-----|------|------------------------|
| NPS(in) | DN(mm) | | | | | | | | | | | | |
| 50 | 2 | 手动 Hand Operated | 378 | 165 | 127 | 108 | 82.55 | 22.5 | 8-18 | 7.9 | 350 | 445 | - |
| 80 | 3 | | 470 | 210 | 168.5 | 146 | 123.82 | 32 | 8-22 | 7.9 | 400 | 600 | - |
| 100 | 4 | | 546 | 275 | 216 | 175 | 149.22 | 38.5 | 8-26 | 7.9 | 450 | 700 | - |
| 125 | 5 | | 610 | 330 | 267 | 210 | 180.98 | 44.5 | 8-29.5 | 7.9 | 500 | 765 | - |
| 150 | 6 | 齿动 Gear driving | 641(643)* | 355 | 292 | 241 | 211.12 | 48 | 12-29.5 | 7.9 | 600 | 1350 | BA-1 |
| 200 | 8 | | 771 | 420 | 349 | 302 | 269.88 | 55.5 | 12-32.5 | 7.9 | 900 | 1400 | BA-2 |
| 250 | 10 | | 880(865)* | 510 | 432 | 356 | 323.85 | 63.5 | 16-35.5 | 7.9 | 900 | 1450 | BA-2 |
| 150 | 6 | 电动 Electric Driving | 641(634)* | 355 | 292 | 241 | 211.12 | 48 | 12-29.5 | 7.9 | 320 | 1250 | SMC-0 |
| 200 | 8 | | 771 | 420 | 349 | 302 | 269.88 | 55.5 | 12-32.5 | 7.9 | 380 | 1300 | SMC-1 |
| 250 | 10 | | 880(865)* | 510 | 432 | 356 | 323.85 | 63.5 | 16-35.5 | 7.9 | 380 | 1350 | SMC-2 |

注: *止规格结构长度L有两种系列。
*驱动装置可根据用户要求选用。
notes: *the length of the standard construction has two series.
The driving device can be chosen by the use's demand.

编号说明Serial number explanation



- ★ 阀门规格代号：以英寸表示
- ★ 公司特征代号：Q
- ★ 途径特征代号：s-表示阀体为缩径型，全途径省略。
- ★ 阀门类型代号：F-表示阀门类型为放料阀
- ★ 放料口连接方式：P-放料阀放料口形式为平底 G-放料阀放料口形式为带管接
- ★ 传动方式代号：（手动略）、5-伞齿轮传动、6-气动、7-液动、9-电动。
- ★ 连接形式代号：4-法兰连接。
- ★ 阀门结构形式代号：4-出料口通道与阀杆倾角90° 5-出料口通道与阀杆倾角45°
- ★ 阀座密封面材质代号：Y-密封面材质为硬质合金。
- ★ 压力等级：压力等级以Lb表示。
- ★ Valve Specification code: in inches, said
- ★ Path characteristics codenamed: S-expressed valve as condensation Diameter Type, whole Path omitted.
- ★ Valve type code: The F- valve type to put the material valve
- ★ Puts the material mouth connection mode:
 - P- Puts the material valve to put the material shape of the mouth type is a flat base
 - G- Puts the material valve to put the material shape of the mouth type for the belt pipe joint
- ★ Transmission code (manually omitted) 5 - bevel gear 6 - Pneumatic 7 - Hydraulic 9 Electric
- ★ connection type code: 4 Flange
- ★ valve structure code: 4 - Entrance and exit channel and valve angle 90 °
5 - Entrance and exit channel and valve angle 45°
- ★ Seat sealing surface material code: The Y- packing surface material quality is the hard alloy.
- ★ Pressure rating: The pressure rating indicated by Lb

例Example1: 8" QsJs945Y-300

表示公称通径为8"、阀门类型为截止式放料阀、放料口形式为管接、传动方式为电动、法兰连接、出料口通道与阀杆倾角45°、密封面材质为硬质合金、压力等级为Class300。

Expressed that the nominal size is 8" the valve type puts the material valve for the closure type, to put the material shape of the mouth type for the pipe joint, the transmission form to be electrically operated, the flange connection, the discharge hole channel and the valve lever inclination angle 45°, the packing surface material quality for hard alloy, the pressure rating is Class300.

产品结构特征

放料阀系列有Y型及角式两种结构形式，根据实际工况的需要，放料口的形式设计有带管接及平底两种，阀体内腔装有耐冲刷、而腐蚀的护板，在开启阀门瞬间，可以保护阀体不被介质冲刷、腐蚀，并对其整体进行化学镀Ni.P处理，使表面硬度达到HRC60~62,具有高耐磨、耐腐蚀的优良性能。阀座与阀瓣密封面焊有硬质合金或喷涂碳化钨，密封面副采用线密封，保证密封的可靠性，并可防止结疤。阀门设有防转机构，保证阀杆在开启和关闭时只做直线运动，不做回转运动。阀门驱动方式有：手动、电动、齿轮传动。

Products Design Features

The series of dumping valve has two constructions, Y-type&angle type, Pursuant to the actual needs in operation, the dumping entry has been designed into two types, Pipe-connecting and flat bottom. An anti-washing and anticorrosion proection plate is set in cavity of the valve body. At the moment of the valve opens, the plate can protect valve from washing out or erosion, and carry out chemical Ni.P plating treatment on the whole valve which makes the surface hardness reach HRC60~62. The sealing adopts spherical seal, the surface of which is line connecting. This can ensure the sealing realiability and avoid scabs. Moreover, A rotation-resistant device is setup to ensure that the valve stem only has strainght line motions, and no revolving motions. The driving manners of the valve include hand driving, electric driving, air operated and geared transmission.

产品规格 Products specification

| 型号 Models | 公称压力 Nominal pressure | 驱动方式 Driving manner | 公称通径 Nominal size (英寸 inch) | | | | | | | | | | | | | | |
|--------------|--------------------------|------------------------|-----------------------------|---|---|---|---|---|----|----|----|----|----|---|--|--|--|
| | | | 2 | 3 | 4 | 5 | 6 | 8 | 10 | 12 | 14 | 16 | 20 | | | | |
| QsFG(P)45Y | Class150 | 手动 Hand operated | ☆ | ☆ | ☆ | ☆ | ☆ | | | | | | | | | | |
| QsFG(P)45Y | Class300 | | ☆ | ☆ | ☆ | ☆ | | | | | | | | | | | |
| | Class400 | | ☆ | ☆ | ☆ | ☆ | | | | | | | | | | | |
| QsFG(P)545Y | Class150 | 齿轮传动 Gear operated | | | | | | | ☆ | ☆ | ☆ | | | | | | |
| QsFG(P)545Y | Class300 | | | | | | | | ☆ | ☆ | ☆ | | | | | | |
| | Class400 | | | | | | | | ☆ | ☆ | ☆ | | | | | | |
| QsFG(P)645Y | Class150 | 手动 Hand operated | | | | | | ☆ | ☆ | ☆ | ☆ | ☆ | | | | | |
| QsFG(P)44Y | Class150 | 手动 Hand operated | | | | | | ☆ | ☆ | ☆ | | | | | | | |
| QsFG(P)544Y | Class150 | 齿轮传动 Gear operated | | | | | | | | | ☆ | ☆ | ☆ | ☆ | | | |

注：本公司可根据用户要求提供产品。
Notes: Our company can products according to the customers request.

产品性能规范 Products Performance specification

| 公称压力 Nominal pressure | 强度试验压力 (MPa) Shell test pressure | 密封验压力 (MPa) Sealing test pressure | 介质温度 (°C) Medium temperature | 适用介质 Applicable Medium |
|--------------------------|-------------------------------------|--------------------------------------|---------------------------------|--|
| Class150 | 3.0 | 2.2 | ≤300 | 碱性氧化铝料浆 Alkaline basic alumina slurry |
| Class300 | 7.5 | 5.5 | | |
| Class400 | 10.3 | 7.6 | | |
| Class600 | 15.0 | 11.0 | | |

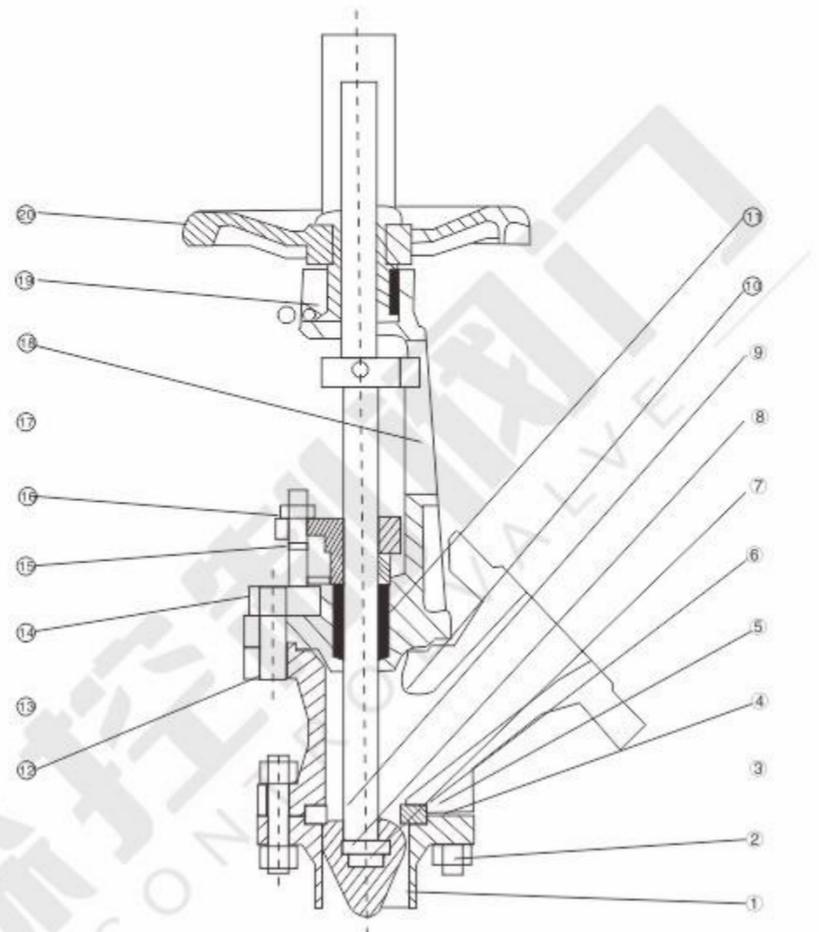
QsFG45Y QsFG545Y QsFG945Y

技术规范

- 1、设计制造按：ASME S16.34(Class150缩径设计)、BS1873
 - 2、结构长度按：用户指定
 - 3、法兰端尺寸按：ASNE B16.5 GB/T9113.1
 - 4、检验标准：API 598
- *注：国标PN2.0MPa Y型管接放料阀技术规范同上述各项。

Technical specification

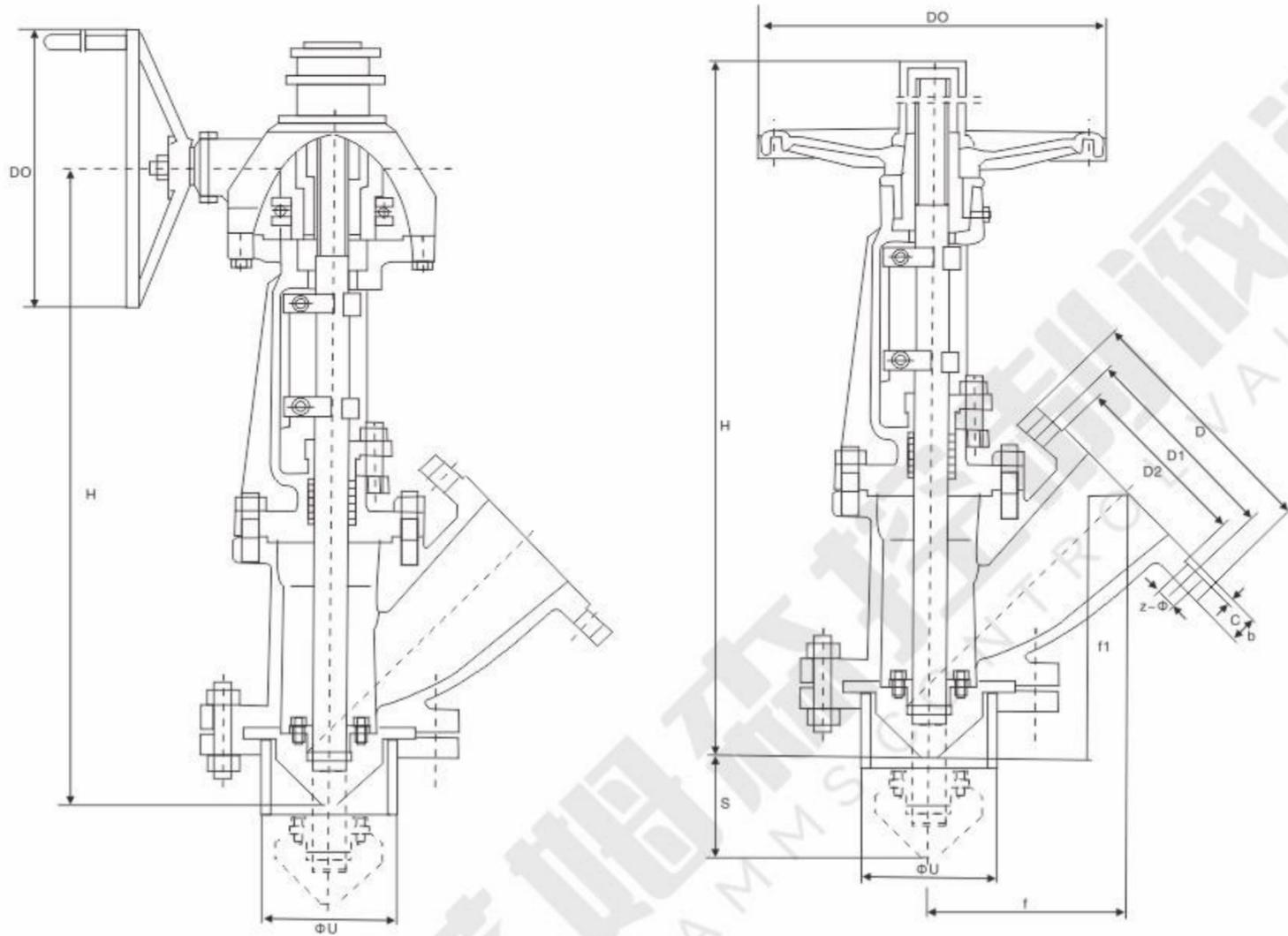
- 1、Design and production according to ASME B16.34 (reduced bore design about the products of class150)、BS1873
 - 2、Face to face dimension according to use's demand
 - 3、The size of flange ends according to ASME B16.5、GB/T9113.1
 - 4、Inspecting standard:API1598
- *Notes:The technical specifications of GB PN2.0MPa Y-Type pipe connecting dumping vales are the same as the above



主要零件材质表 form of major parts materials

| 序号 No | 零件名称 Accessory name | 材质 Material |
|----------|------------------------|-----------------------------------|
| 1 | 管接法兰Flange | ASTM A105 |
| 2 | 螺柱Body Bolt | ASTM A193 B7 |
| 3 | 螺母Body Nut | ASTM A194 2H |
| 4 | 垫片Gasket | 柔性石墨+不锈钢 Graphite+stainless steel |
| 5 | 阀座Seat | ASTM A105+HF |
| 6 | 阀瓣Disc | ASTM A105+HF |
| 7 | 阀杆Stem | ASTM A182 F6a |
| 8 | 二合环Two-half Ring | ASTM A182 F6a |
| 9 | 阀瓣卡套Disc Stem Nut | ASTM A105 |
| 10 | 阀体 Bolt | ASTM A216 WCB+Alloy Steel |
| 11 | 填料Packing | Graphite |
| 12 | 螺柱Bonnet Bolt | ASTM A193 B7 |
| 13 | 螺母Bonnet Nut | ASTM A194 2H |
| 14 | 填料压套Packing Gland | ASTM A182 F6a |
| 15 | 填料压盖Packing Flange | ASTM A216 WCB |
| 16 | 活节螺栓Gland Eye Bolt | ASTM A193 B7 |
| 17 | 螺母Eye Bolt Nut | ASTM A194 2H |
| 18 | 支架Yoke | ASTM A216 WCB |
| 19 | 阀杆螺母Yode Sleeve Nut | Alloy Copper |
| 20 | 手轮Hand Wheel | Ductile iron |

QsFG45Y QsFG545Y QsFG945Y



主要外形尺寸 Main size of outside Class150(PN2.0MPa)

| 规格 size | | 驱动方式 Driving manners | f | f1 | D | D1 | D2 | B | Z-φ | c | Do | H | S | φu | 驱动装置 Driving device |
|---------|---------|-------------------------|-----|-----|-----|-------|-------|------|-------|---|-----|------|-----|------|------------------------|
| DN(mm) | NPS(in) | | | | | | | | | | | | | | |
| 50 | 2" | 手动 Hand operated | 120 | 162 | 150 | 120.5 | 92 | 16 | 4-20 | 2 | 250 | 470 | 60 | 63.5 | - |
| 80 | 3" | | 150 | 200 | 190 | 152.5 | 127 | 19.5 | 4-20 | 2 | 250 | 500 | 80 | 89 | - |
| 100 | 4" | | 170 | 235 | 230 | 190.5 | 157.5 | 24 | 8-20 | 2 | 250 | 610 | 80 | 114 | - |
| 125 | 5" | | 200 | 275 | 255 | 216 | 186 | 24 | 8-22 | 2 | 320 | 720 | 100 | 140 | - |
| 150 | 6" | | 225 | 295 | 280 | 241.5 | 216 | 25.5 | 8-22 | 2 | 360 | 900 | 120 | 159 | - |
| 200 | 8" | 齿动 Gear operated | 290 | 350 | 345 | 298.5 | 270 | 29 | 8-22 | 2 | 450 | 1100 | 170 | 219 | BA-0 |
| 250 | 10" | | 355 | 390 | 405 | 362 | 324 | 30.5 | 12-26 | 2 | 500 | 1280 | 200 | 273 | BA-0 |
| 300 | 12" | | 420 | 450 | 485 | 432 | 381 | 32 | 12-26 | 2 | 550 | 1420 | 230 | 325 | BA-0 |
| 350 | 14" | | 480 | 515 | 535 | 476 | 413 | 35 | 12-30 | 2 | 600 | 1580 | 260 | 356 | BA-1 |

注：*驱动装置可根据用户要求选用。
Notes: *The driving device can be chosen by the use' s bemand.

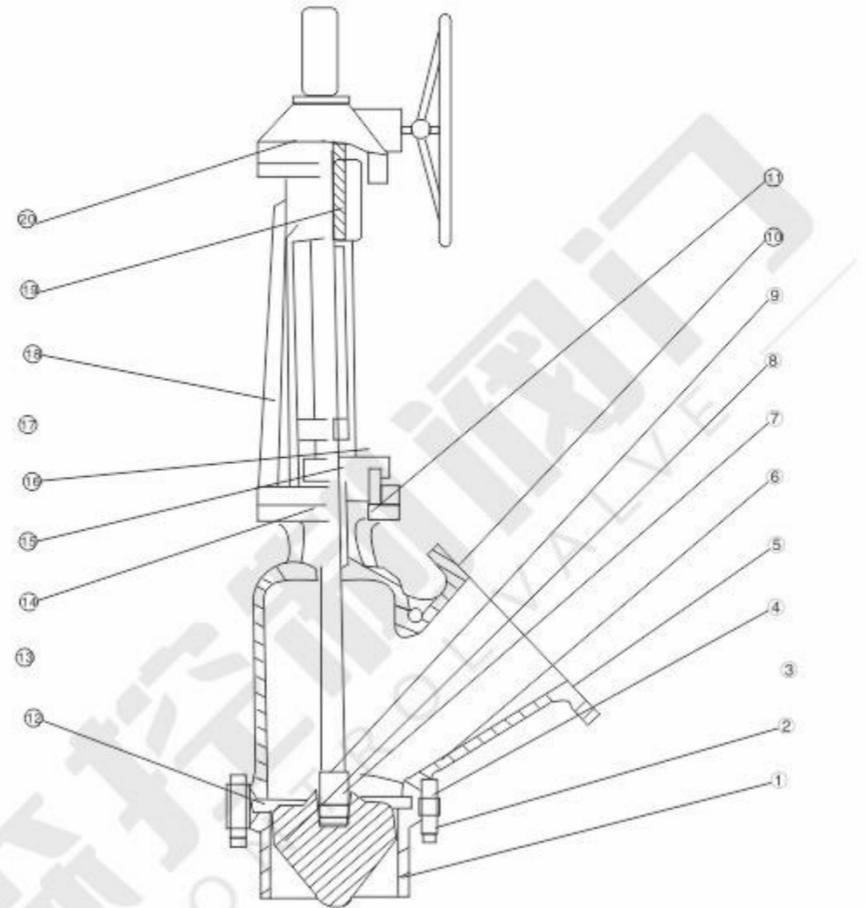
QsJs45Y QsJs545Y QsJs945Y

技术规范

- 1、设计制造按：ASME S16.34、BS1873
 - 2、结构长度按：用户指定
 - 3、法兰端尺寸按：ASNE B16.5 GB/T9113.4
 - 4、检验标准：API 598
- *注：国标PN5.0/6.3MPa Y型管接放料阀技术规范同上述各项。

Technical specification

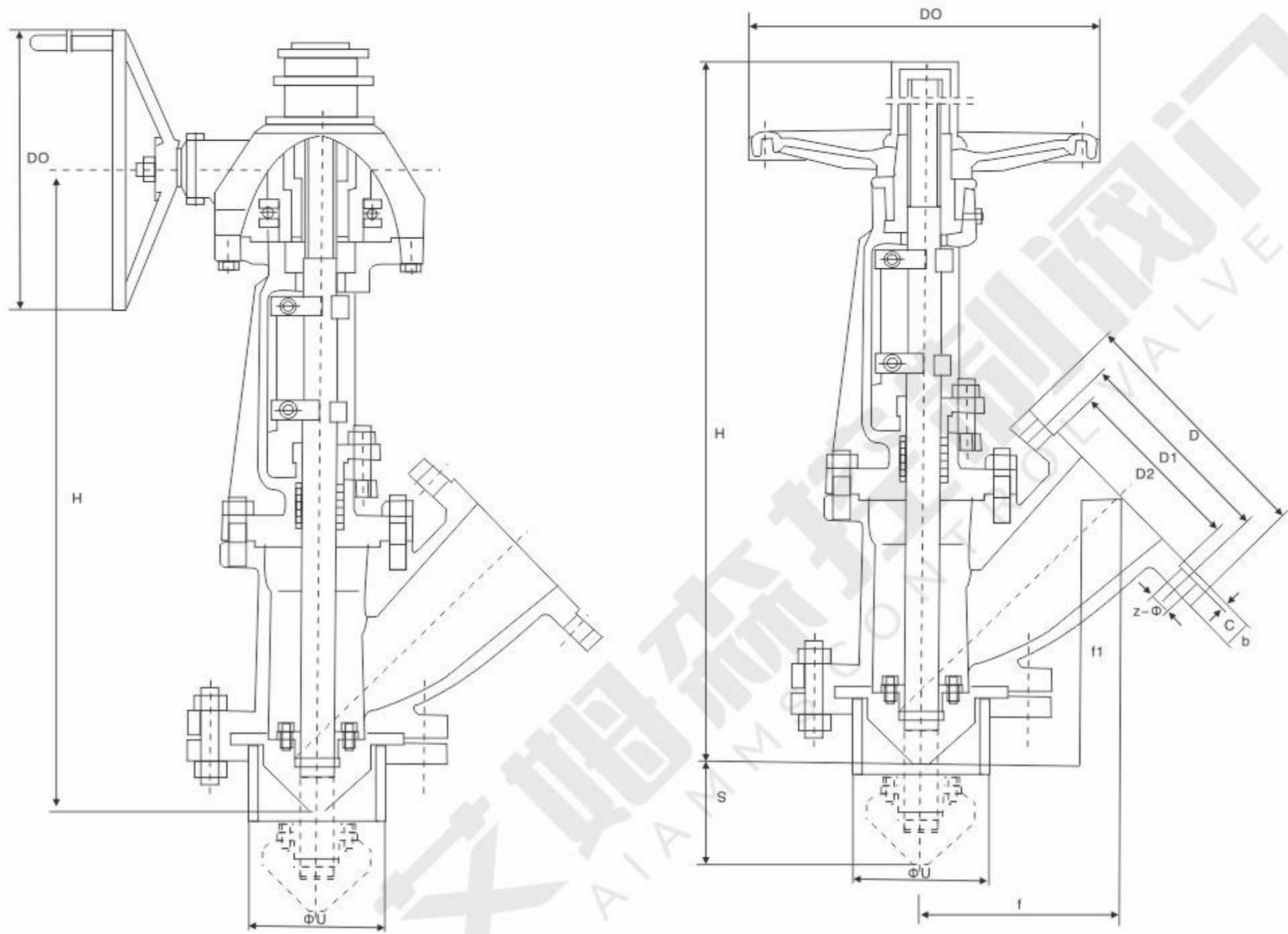
- 1、Design and production according to ASME B16.34、BS1873
 - 2、Face to face dimension according to use's demand
 - 3、The size of flange ends according to ASME B16.5、GB/T9113.4
 - 4、Inspecting standard:API1598
- *Notes:The technical specifications of GB PN5.0/6.3MPa Y-Type pipe connecting dumping vales are the same as the above



主要零件材质表 form of major parts materials

| 序号 No | 零件名称 Accessory name | 材质 Material |
|----------|------------------------|----------------------------------|
| 1 | 管接法兰Flange | ASTM A105 |
| 2 | 螺柱Body Bolt | ASTM A193 B7 |
| 3 | 螺母Body Nut | ASTM A194 2H |
| 4 | 垫片Gasket | 柔性石墨+不锈钢Graphite+stainless steel |
| 5 | 阀座Seat | ASTM A105+HF |
| 6 | 阀瓣Disc | ASTM A105+HF |
| 7 | 阀杆Stem | ASTM A182 F6a |
| 8 | 二合环Two-half Ring | ASTM A182 F6a |
| 9 | 阀瓣卡套Disc Stem Nut | ASTM A105 |
| 10 | 阀体 Bolt | ASTM A216 WCB+Alloy Steel |
| 11 | 填料Packing | Graphite |
| 12 | 螺柱Bonnet Bolt | ASTM A193 B7 |
| 13 | 螺母Bonnet Nut | ASTM A194 2H |
| 14 | 填料压套Packing Gland | ASTM A182 F6a |
| 15 | 填料压盖Packing Flange | ASTM A216 WCB |
| 16 | 螺栓 Bolt | ASTM A193 B7 |
| 17 | 螺母Eye Bolt Nut | ASTM A194 2H |
| 18 | 支架Yoke | ASTM A216 WCB |
| 19 | 阀杆螺母Yode Sleeve Nut | Alloy Copper |
| 20 | 伞齿轮装置Gear Operatorl | |

QsJs45Y QsJs545Y QsJs945Y

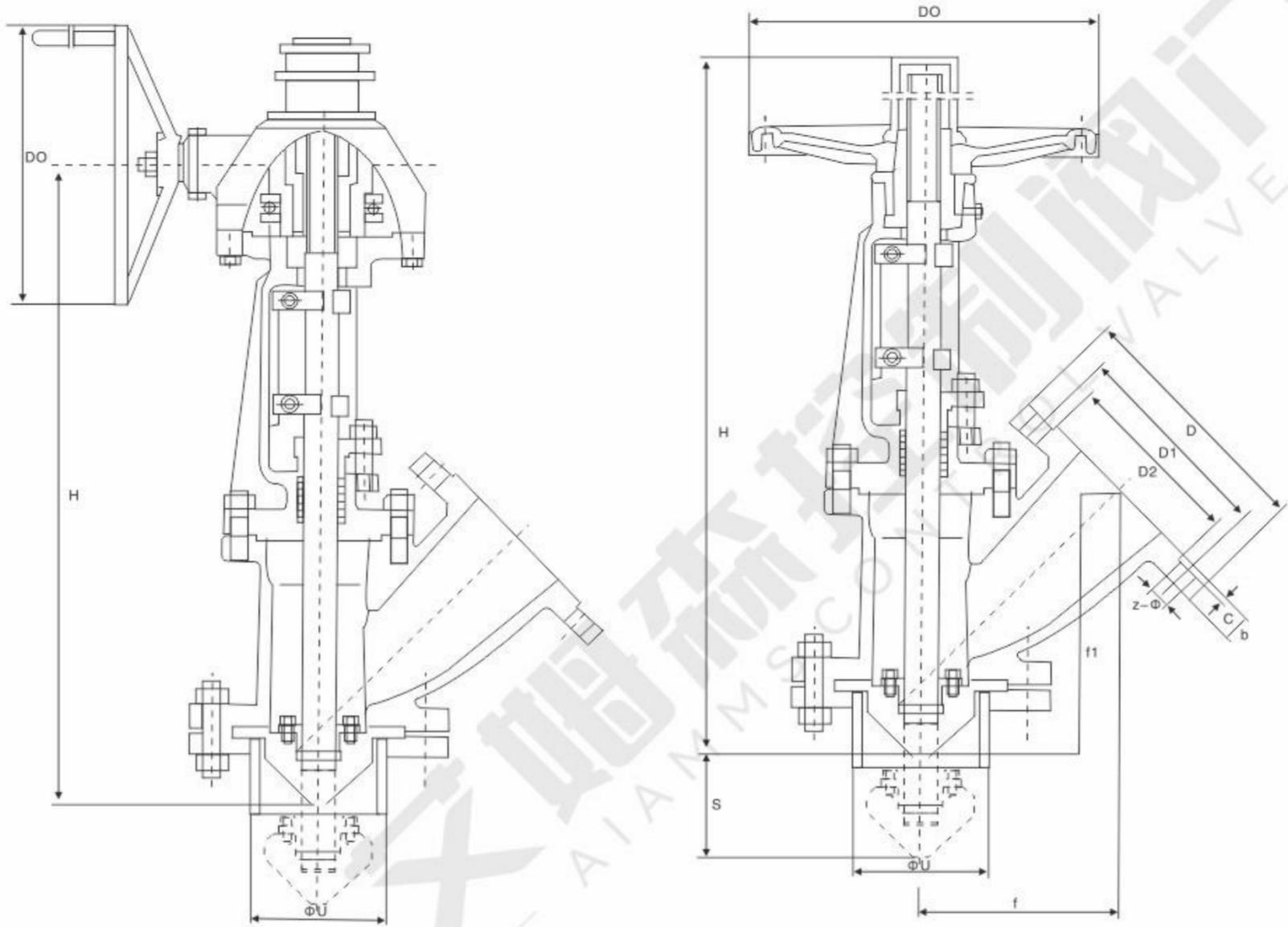


主要外形尺寸 Main size of outside Class300(PN5.0MPa)

| 规格 size | | 驱动方式 Driving manners | f | f1 | D | D1 | D2 | D3 | B | Z- Φ | c | Do | H | S | Φu | 驱动装置 Driving device |
|---------|---------|-------------------------|-----|-----|-----|-------|-----|--------|------|-----------|-----|-----|------|-----|----------|------------------------|
| DN(mm) | NPS(in) | | | | | | | | | | | | | | | |
| 50 | 2" | 手动 Hand operated | 120 | 162 | 165 | 127 | 108 | 82.55 | 22.5 | 8-20 | 7.9 | 305 | 485 | 60 | 63.5 | - |
| 80 | 3" | | 150 | 200 | 210 | 168.5 | 146 | 123.82 | 29 | 8-22 | 7.9 | 400 | 565 | 80 | 89 | - |
| 100 | 4" | | 170 | 235 | 255 | 200 | 175 | 149.22 | 32 | 8-22 | 7.9 | 500 | 675 | 80 | 114 | - |
| 125 | 5" | | 200 | 275 | 280 | 235 | 210 | 180.98 | 35 | 8-22 | 7.9 | 500 | 835 | 100 | 140 | - |
| 150 | 6" | | 225 | 295 | 320 | 270 | 241 | 211.12 | 37 | 12-22 | 7.9 | 550 | 1050 | 120 | 159 | BA-1 |
| 200 | 8" | 齿动 Gear operated | 290 | 350 | 380 | 330 | 302 | 269.88 | 41.5 | 12-26 | 7.9 | 600 | 1080 | 220 | 219 | BA-1 |
| 250 | 10" | | 355 | 390 | 445 | 387.5 | 356 | 323.85 | 48 | 16-30 | 7.9 | 700 | 1280 | 275 | 275 | BA-2 |

注：*驱动装置可根据用户要求选用。
Notes:*The driving device can be chosen by the use' s bemand.

QsJs45Y QsJs545Y QsJs945Y



主要外形尺寸 Main size of outside Class400(PN6.3MPa)

| 规格 size | | 驱动方式 Driving manners | f | f1 | D | D1 | D2 | D3 | B | Z-Φ | c | Do | H | S | Φu | 驱动装置 Driving device |
|---------|---------|-------------------------|-----|-----|-----|-------|-----|--------|------|-------|-----|-----|------|-----|------|------------------------|
| DN(mm) | NPS(in) | | | | | | | | | | | | | | | |
| 50 | 2" | 手动 Hand operated | 180 | 240 | 165 | 127 | 108 | 82.55 | 22.5 | 8-20 | 7.9 | 305 | 485 | 60 | 63.5 | - |
| 80 | 3" | | 200 | 250 | 210 | 168.5 | 146 | 123.82 | 32 | 8-22 | 7.9 | 400 | 565 | 80 | 89 | - |
| 100 | 4" | | 225 | 295 | 275 | 216 | 175 | 149.22 | 38.5 | 8-26 | 7.9 | 500 | 675 | 80 | 114 | - |
| 125 | 5" | | 255 | 345 | 330 | 267 | 210 | 180.98 | 44.5 | 8-30 | 7.9 | 500 | 835 | 100 | 140 | - |
| 150 | 6" | 齿动 Gear operated | 300 | 390 | 355 | 292 | 241 | 211.12 | 48 | 12-30 | 7.9 | 550 | 1050 | 120 | 159 | BA-1 |
| 200 | 8" | | 350 | 445 | 420 | 349 | 302 | 269.88 | 55.5 | 12-33 | 7.9 | 600 | 1080 | 220 | 219 | BA-2 |
| 250 | 10" | | 390 | 490 | 510 | 432 | 356 | 323.85 | 63.5 | 16-36 | 7.9 | 700 | 1280 | 275 | 273 | BA-2 |

注：*驱动装置可根据用户要求选用。
Notes:*The driving device can be chosen by the use' s bemand.

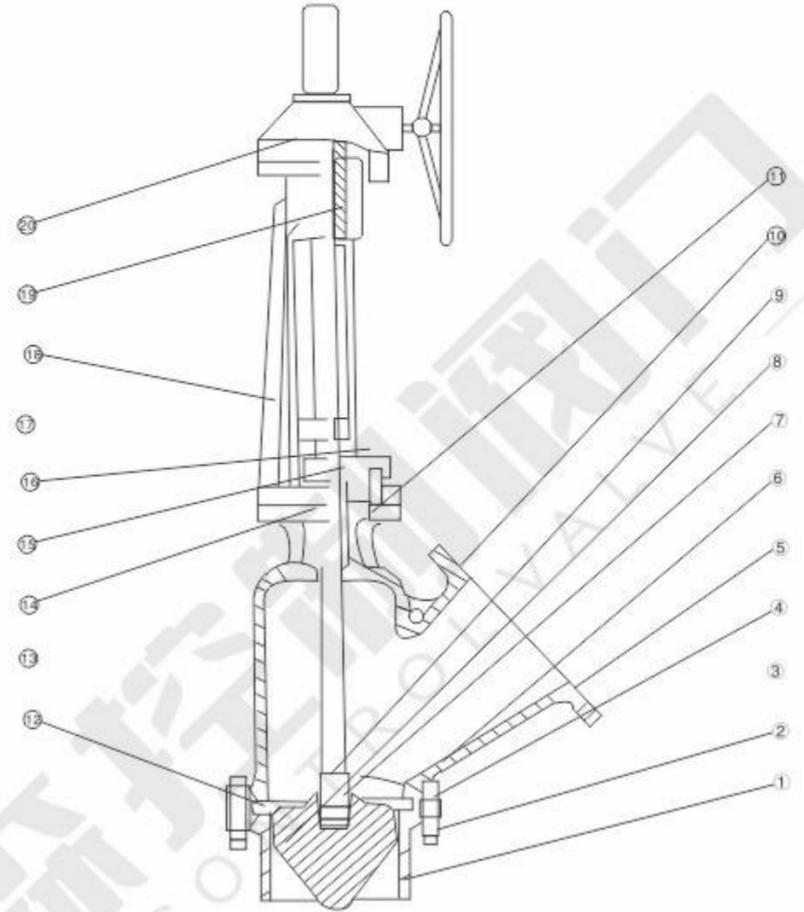
Q(s)FP45Y Q(s)FP545Y sQFp945Y

技术规范

- 1、设计制造按：ASME S16.34(Class150缩径设计)、BS1873
 - 2、结构长度按：用户指定
 - 3、法兰端尺寸按：ASNE B16.5、GB/T9113.1、GB/T9113.4
 - 4、检验标准：API 598
- *注：国标PN2.0/5.0MPa Y型平底放料阀技术规范同上述各项。

Technical specification

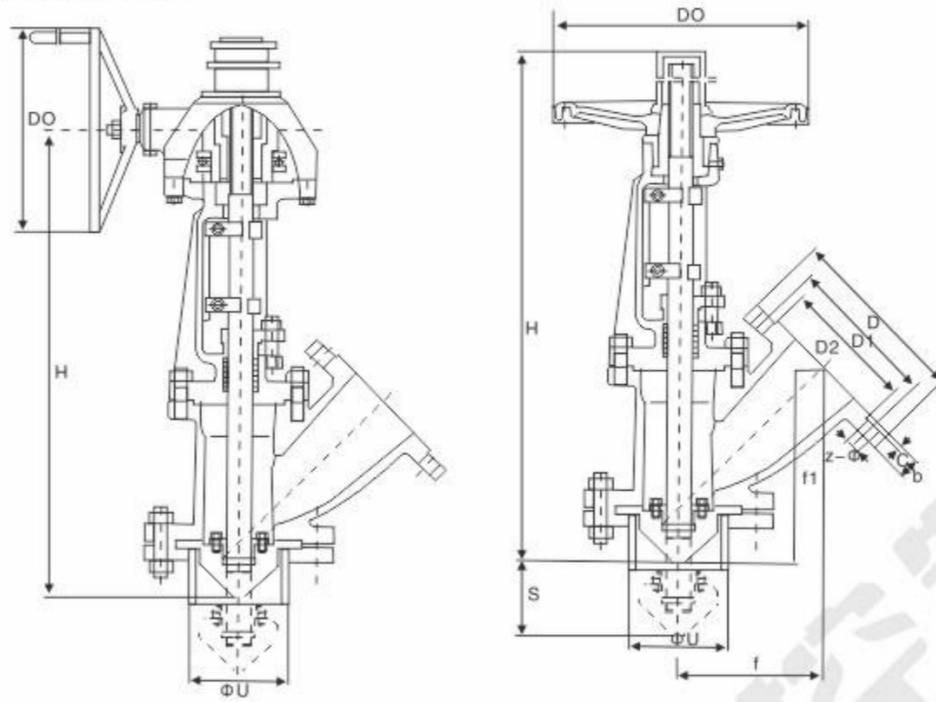
- 1、Design and production according to ASME B16.34 (reduced bore design about the products of class150)、BS1873
 - 2、Face to face dimension according to use's demand
 - 3、The size of flange ends according to ASME B16.5、GB/T9113.1、GB/T9113.4
 - 4、Inspecting standard:API1598
- *Notes:The technical specifications of GB PN2.0/5.0MPa Y-Type bottom dumping vales are the same as the above



主要零件材质表 form of major parts materials

| 序号 No | 零件名称 Accessory name | 材质 Material |
|----------|------------------------|----------------------------------|
| 1 | 管接法兰Flange | ASTM A105 |
| 2 | 螺柱Body Bolt | ASTM A193 B7 |
| 3 | 螺母Body Nut | ASTM A194 2H |
| 4 | 垫片Gasket | 柔性石墨+不锈钢Graphite+stainless steel |
| 5 | 阀座Seat | ASTM A105+HF |
| 6 | 阀瓣Disc | ASTM A105+HF |
| 7 | 阀杆Stem | ASTM A182 F6a |
| 8 | 二合环Two-half Ring | ASTM A182 F6a |
| 9 | 阀瓣卡套Disc Stem Nut | ASTM A105 |
| 10 | 阀体 Bolt | ASTM A216 WCB+Alloy Steel |
| 11 | 填料Packing | Graphite |
| 12 | 螺柱Bonnet Bolt | ASTM A193 B7 |
| 13 | 螺母Bonnet Nut | ASTM A194 2H |
| 14 | 填料压套Packing Gland | ASTM A182 F6a |
| 15 | 填料压盖Packing Flange | ASTM A216 WCB |
| 16 | 螺栓 Bolt | ASTM A193 B7 |
| 17 | 螺母Nut | ASTM A194 2H |
| 18 | 支架Yoke | ASTM A216 WCB |
| 19 | 阀杆螺母Yode Sleeve Nut | Alloy Copper |
| 20 | 伞齿轮装置Gear Operator | |

Q(s)FP45Y Q(s)FP545Y Q(s)FP945Y



主要外形尺寸 Main size of outside Class150(PN2.0MPa)

| 规格 size | | 驱动方式 Driving manners | f | f1 | t | D | D1 | D2 | B | Z-Φ | c | Do | H | S | 驱动装置 Driving device |
|---------|---------|-------------------------|-----|-----|----|-----|-------|-------|------|-------|-----|-----|------|-----|------------------------|
| DN(mm) | NPS(in) | | | | | | | | | | | | | | |
| 50 | 2" | 手动 Hand operated | 120 | 125 | 25 | 150 | 120.5 | 92 | 16 | 4-19 | 1.6 | 250 | 450 | 70 | - |
| 80 | 3" | | 150 | 164 | 30 | 190 | 152.5 | 127 | 19.5 | 4-19 | 1.6 | 250 | 520 | 90 | - |
| 100 | 4" | | 170 | 200 | 30 | 230 | 190.5 | 157.5 | 24 | 8-19 | 1.6 | 250 | 632 | 95 | - |
| 125 | 5" | | 200 | 255 | 30 | 255 | 216 | 186 | 24 | 8-23 | 1.6 | 320 | 750 | 120 | - |
| 150 | 6" | | 225 | 265 | 35 | 280 | 241.5 | 216 | 25.5 | 8-23 | 1.6 | 360 | 925 | 145 | - |
| 200 | 8" | 齿动 Gear operated | 290 | 285 | 40 | 345 | 298.5 | 270 | 29 | 8-23 | 1.6 | 450 | 1145 | 205 | BA-0 |
| 250 | 10" | | 355 | 390 | 40 | 405 | 362 | 324 | 30.5 | 12-25 | 1.6 | 500 | 1320 | 240 | BA-0 |
| 300 | 12" | | 420 | 450 | 40 | 485 | 432 | 381 | 32 | 12-25 | 1.6 | 550 | 1450 | 270 | BA-0 |
| 350 | 14" | | 480 | 520 | 50 | 535 | 476 | 413 | 32 | 12-29 | 1.6 | 600 | 1600 | 305 | BA-1 |

主要外形尺寸 Main size of outside Class300(PN5.0MPa)

| 规格 size | | 驱动方式 Driving manners | f | f1 | t | D | D1 | D2 | D3 | B | Z-Φ | c | Do | H | S | 驱动装置 Driving device |
|---------|---------|-------------------------|-----|-----|----|-----|-------|-----|--------|------|-------|-----|-----|------|-----|------------------------|
| DN(mm) | NPS(in) | | | | | | | | | | | | | | | |
| 50 | 2" | 手动 Hand operated | 120 | 125 | 25 | 165 | 127 | 108 | 82.55 | 22.5 | 8-20 | 7.9 | 350 | 470 | 70 | - |
| 80 | 3" | | 150 | 164 | 30 | 210 | 168.5 | 146 | 123.82 | 29 | 8-22 | 7.9 | 400 | 545 | 90 | - |
| 100 | 4" | | 170 | 200 | 30 | 255 | 200 | 175 | 149.22 | 32 | 8-22 | 7.9 | 450 | 650 | 95 | - |
| 125 | 5" | | 200 | 255 | 30 | 280 | 235 | 210 | 180.98 | 35 | 8-22 | 7.9 | 500 | 805 | 120 | - |
| 150 | 6" | 齿动 Gear operated | 225 | 265 | 35 | 320 | 270 | 241 | 211.12 | 37 | 12-22 | 7.9 | 600 | 1000 | 145 | BA-1 |
| 200 | 8" | | 290 | 285 | 40 | 380 | 330 | 302 | 269.88 | 41.5 | 12-26 | 7.9 | 600 | 1030 | 205 | BA-1 |
| 250 | 10" | | 355 | 390 | 40 | 445 | 387.5 | 356 | 323.85 | 48 | 16-30 | 7.9 | 900 | 1250 | 240 | BA-2 |

Class 150 QsFP645Y

技术规范

- 1、设计制造按：ASME S16.34(Class150缩径设计)
- 2、结构长度按：用户指定
- 3、法兰端尺寸按：ASNE B16.5、GB/T9113.6
- 4、检验标准：API 598

*注：国标PN2.0、PN5.0MPa Y型平底放料阀技术规范同上述各项。

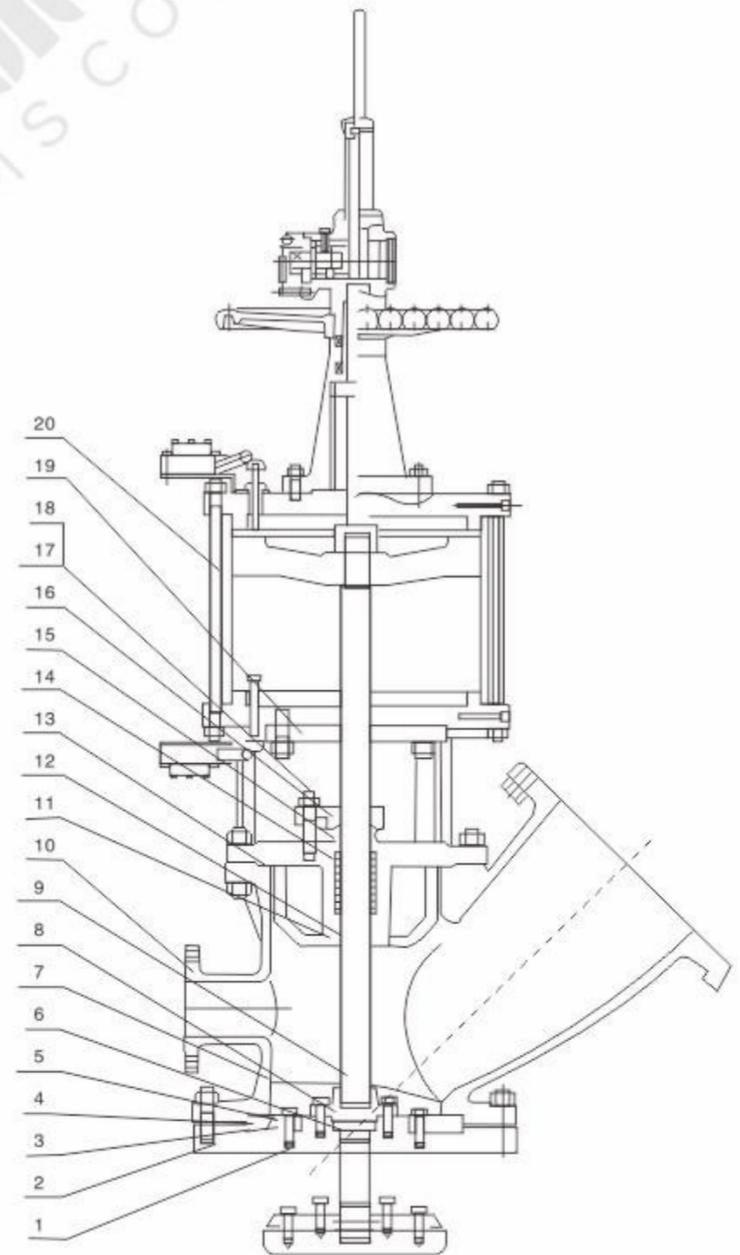
Technical specification

- 1、Design and production according to ASME B16.34 (reduced bore design about the products of class150)
- 2、Face to face dimension according to use's demand
- 3、The size of flange ends according to ASME B16.5、GB/T9113.6
- 4、Inspecting standard:API1598

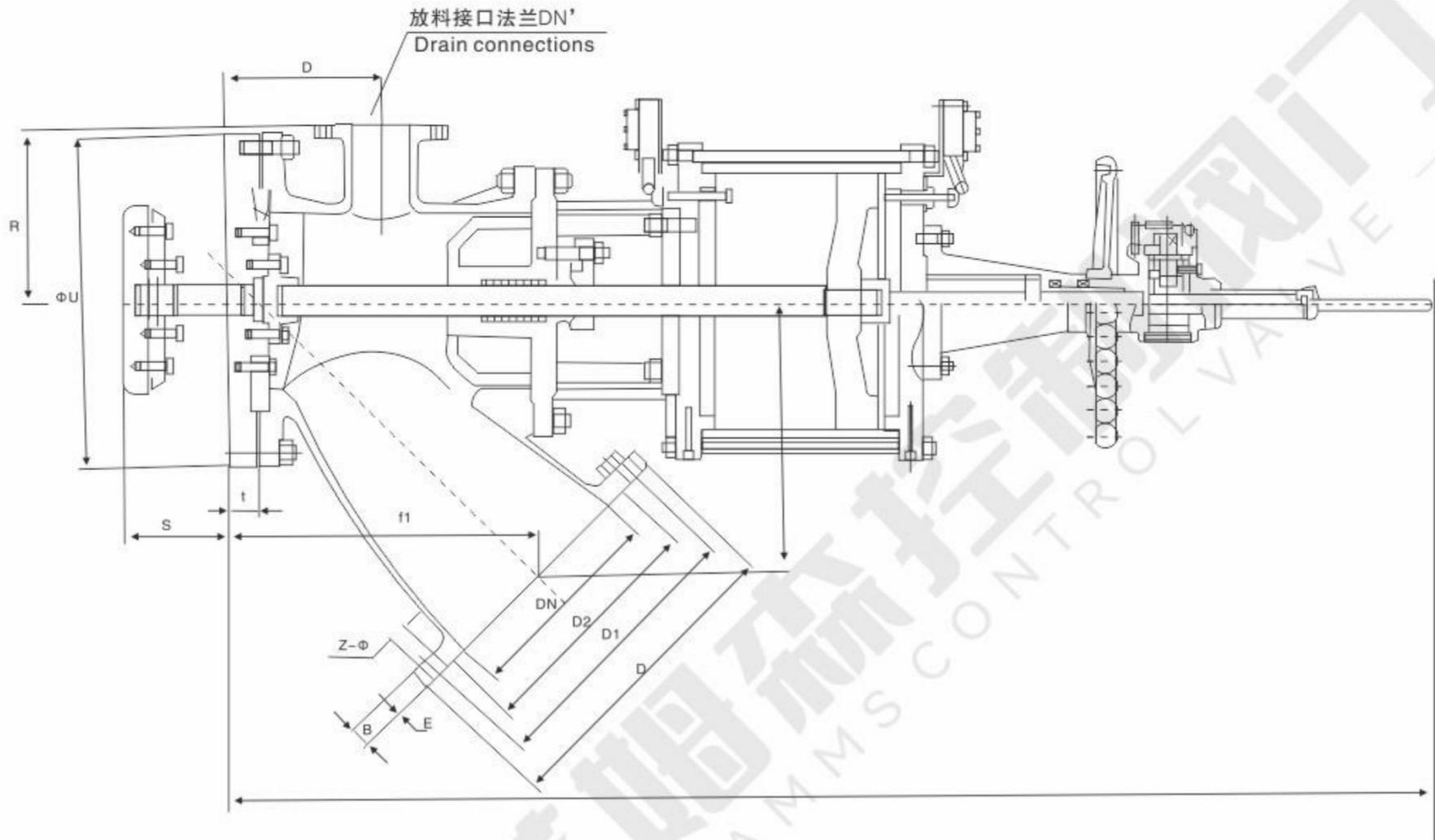
*Notes:The technical specifications of GB PN2.0PN5.0MPa Y-Type bottom dumping vales are the same as the above

主要零件材质表 form of major parts materials

| 序号 No | 零件名称 Accessory name | 材质 Material |
|----------|------------------------|--------------------------------------|
| 1 | 阀瓣Disc | ASTM A105+STL |
| 2 | 法兰Flange | ASTM A105 |
| 3 | 密封圈Sealing ring | PTFE |
| 4 | 阀座Seat | ASTM A105+STL |
| 5 | 压圈Cover | ASTM A105+STL |
| 6 | 对开圆环Splitring | 碳钢 Carbon stell |
| 7 | 护板Guard plate | AISI 9260 |
| 8 | 阀瓣盖Disc cover | ASTM A105 |
| 9 | 阀杆Stem | ASTM A276 410 |
| 10 | 阀体Body | ASTM A216 WCB |
| 11 | 阀盖Bonnet | ASTM A105 |
| 12 | O型圈O-ring | 橡胶 Rubber |
| 13 | 垫片Gasket | 柔性石墨+不锈钢 Graphite+stainless steel |
| 14 | 填料Packing | 柔性石墨 Graphite |
| 15 | 填料压套Packing Gland | ASTM A276 410 |
| 16 | 填料压盖Packing Flange | ASTM A216 WCB |
| 17 | 螺柱 Bolt | ASTM A193 B7 |
| 18 | 螺母Nut | ASTM A194 2H |
| 19 | 支架Yoke | ASTM A216 WCB |
| 20 | 驱动轮装置Driving device | |



Class 150 QsFP645Y



主要外形尺寸 Main size of outside Class150(PN2.0MPa)

| 规格 (size) | | f | f1 | t | D | D1 | D2 | B | Z-φ | e | H | S | R | φu | P | *DN' | **驱动装置 Driving device |
|-----------|---------|-----|-----|----|-----|-------|-----|------|-------|---|------|-----|-----|-----|-----|------|--------------------------|
| DN(mm) | NPS(in) | | | | | | | | | | | | | | | | |
| 150 | 6 | 228 | 265 | 35 | 280 | 214.5 | 216 | 25.5 | 8-22 | 2 | 1400 | 125 | 125 | 270 | 135 | 50 | WQSA-20 |
| 200 | 8 | 285 | 320 | 40 | 345 | 298.5 | 270 | 29 | 8-22 | 2 | 1600 | 125 | 125 | 375 | 200 | 50 | WQSA-20 |
| 250 | 10 | 355 | 390 | 40 | 405 | 362 | 324 | 30.5 | 12-26 | 2 | 1710 | 180 | 180 | 470 | 225 | 80 | WQSA-30 |
| 300 | 12 | 418 | 450 | 40 | 485 | 432 | 381 | 32 | 12-26 | 2 | 1735 | 180 | 180 | 510 | 225 | 100 | WQSA-30 |
| 350 | 14 | 480 | 520 | 50 | 535 | 476 | 413 | 35 | 12-30 | 2 | 1760 | 180 | 180 | 570 | 260 | 100 | WQSA-40 |

注: *连接尺寸按GB/T9113.6设计制造。

注: **驱动装置可根据用户要求选用。

Note: *The size of connections according to GB/T9113.6.

Notes: **The driving device can be chosen by the user's demand.

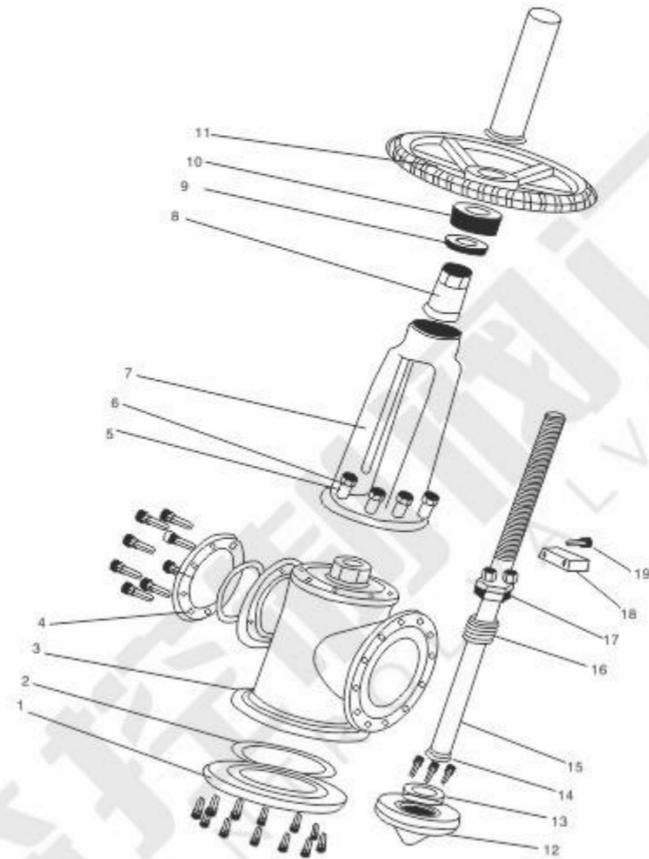
QFP44Y QFP544Y

技术规范

- 1、设计制造按：ASME S16.34(等径设计、变径设计)、BS1873
 - 2、结构长度按：用户指定
 - 3、法兰端尺寸按：ASNE B16.5、GB/T9113.1
 - 4、检验标准：API 598
- *注：国标PN2.0角式放料阀，技术规范同上述各项。

Technical specification

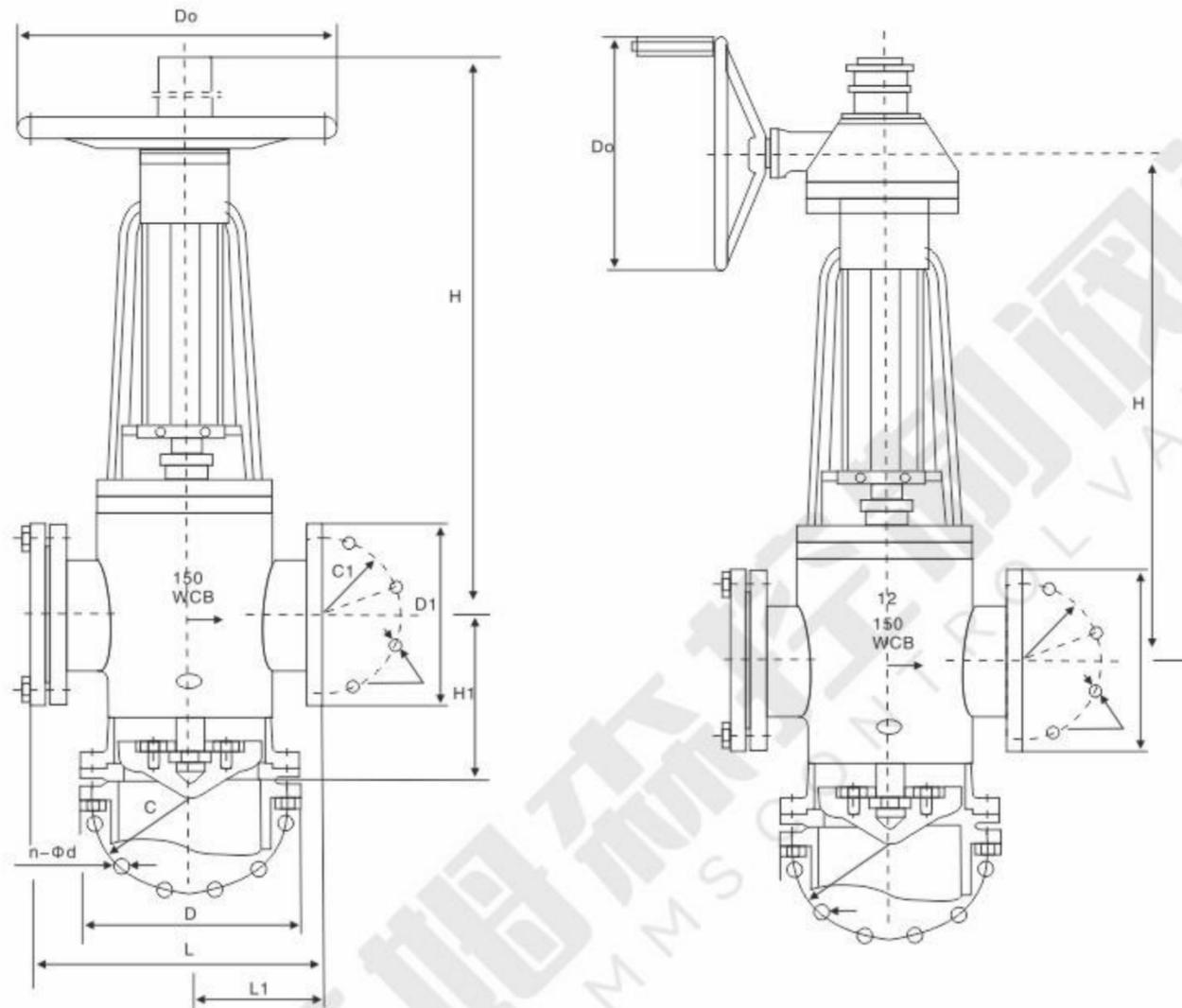
- 1、Design and production according to ASME B16.34 (the same & different diameter design)、BS1873
 - 2、Face to face dimension according to use's demand
 - 3、The size of flange ends according to ASME B16.5、GB/T9113.6
 - 4、Inspecting standard:API1598
- *Notes:The technical specifications of GB PN2.0 angle dumping vales are the same as the above



主要零件材质表 form of major parts materials

| 序号 No | 零件名称 Accessory name | 材质 Material |
|----------|------------------------|----------------------------------|
| 1 | 阀座Seat | ASTM A105HF |
| 2 | 垫片Gesket | 柔性石墨+不锈钢Graphite+stainless steel |
| 3 | 阀体Body | ASTM A216 WCB |
| 4 | 法兰盖Flange cover | A105 |
| 5 | 螺柱Bolt | ASTM A193 B7 |
| 6 | 螺母Nut | ASTM A194 2H |
| 7 | 阀盖Bonnet | ASTM A216 WCB |
| 8 | 阀杆螺母Stem nur | 铜合金 Copper alloy |
| 9 | 轴承Bearing | |
| 10 | 轴承压盖Bearing grand | ASTM A105 |
| 11 | 驱动装置Driving device | |
| 12 | 阀瓣Disc | ASTM A105+HF |
| 13 | 压盖Disc nut | ASTM A105 |
| 14 | 对开圆环Split ring | 碳钢Craphite |
| 15 | 阀杆Stem | ASTM A276-410 |
| 16 | 填料Packing | 柔性石墨Graphite |
| 17 | 填料压盖Packing gland | ASTM A216 WCB |
| 18 | 防转板Move-proofplate | 碳钢 Carbon steel |
| 19 | 螺栓Bolt | ASTM A193 B7 |

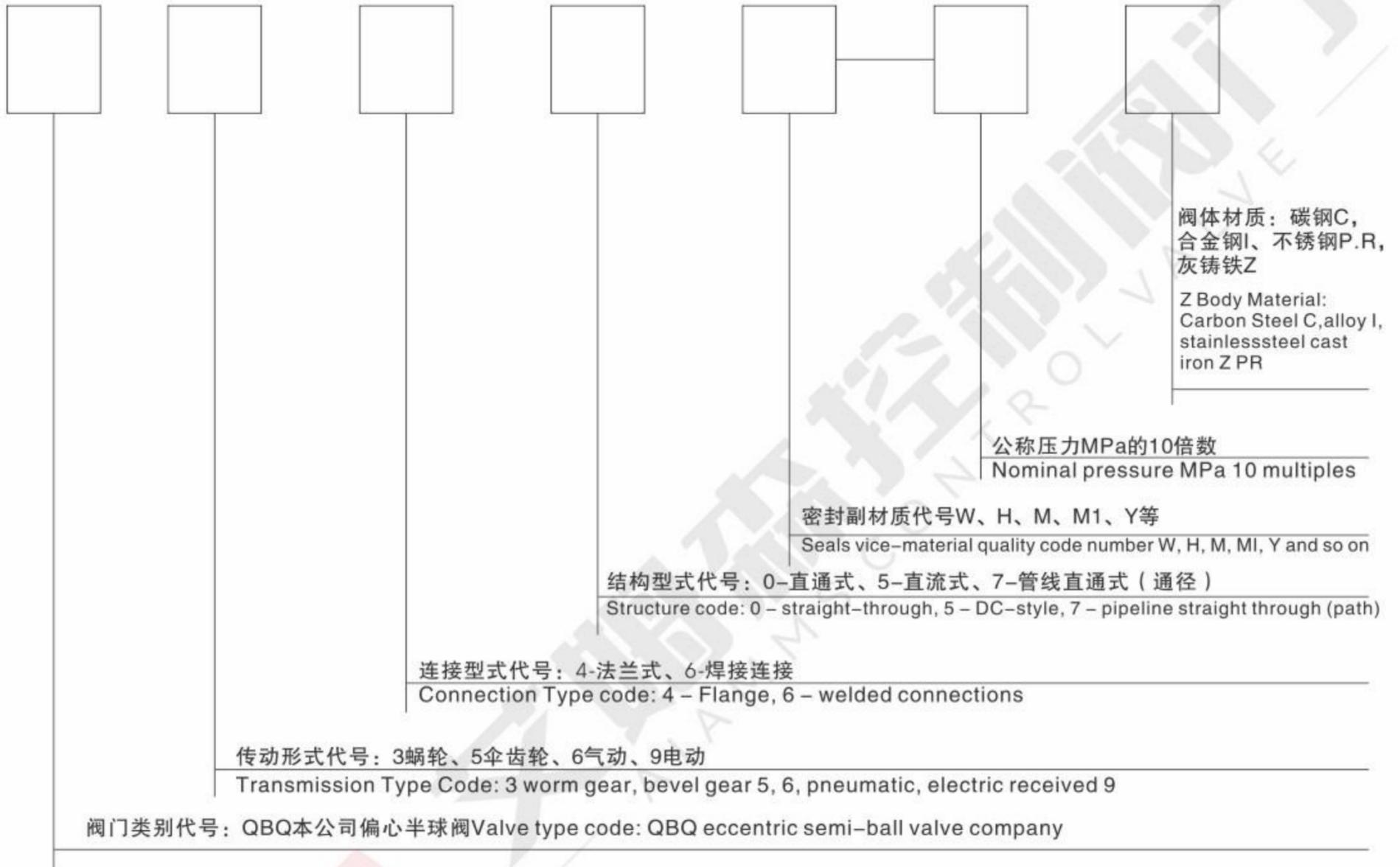
QFP44Y QFP544Y



主要外形尺寸 Main size of outside Class150(PN2.0MPa)

| 型号Type | | QFP(5)44(等径系列same diameter series) | | | | | | | | | | | | |
|--------|---------|------------------------------------|-----|-------|-------|-----|-----|-----|-------|-------|-----|-----|-----|------------------------|
| 规格size | | 驱动方式 Driving manners | D | C | N-Φd | L | L1 | D1 | C1 | n1-Φd | Do | H1 | H | 驱动装置 Driving device |
| DN(mm) | NPS(in) | | | | | | | | | | | | | |
| 50 | 2 | 手动 Hand operated | 150 | 120.5 | 4-20 | 240 | 120 | 150 | 120.5 | 4-20 | 350 | 127 | 127 | - |
| 80 | 3 | | 190 | 152.5 | 4-20 | 455 | 212 | 190 | 152.5 | 4-20 | 350 | 175 | 175 | - |
| 100 | 4 | | 230 | 190.5 | 8-20 | 366 | 165 | 230 | 190.5 | 8-20 | 400 | 200 | 200 | - |
| 150 | 6 | | 280 | 241.5 | 8-22 | 410 | 190 | 280 | 241.5 | 8-22 | 450 | 220 | 220 | - |
| 200 | 8 | | 345 | 298.5 | 8-22 | 455 | 212 | 345 | 298.5 | 8-22 | 500 | 240 | 240 | - |
| 250 | 10 | | 405 | 362 | 12-26 | 495 | 230 | 405 | 362 | 12-26 | 600 | 290 | 290 | - |
| 300 | 12 | 齿动 Gear operated | 483 | 432 | 12-26 | 595 | 290 | 483 | 432 | 12-26 | 600 | 305 | 305 | BA-1 |
| 350 | 14 | | 533 | 476 | 12-30 | 620 | 290 | 533 | 476 | 12-30 | 600 | 310 | 310 | BA-1 |
| 400 | 16 | | 597 | 540 | 16-30 | 730 | 345 | 597 | 540 | 16-30 | 600 | 355 | 355 | BA-2 |
| 500 | 20 | | 699 | 635 | 20-33 | 855 | 402 | 699 | 635 | 20-33 | 600 | 382 | 382 | BA-2 |

编号说明Serial number explanation



示例Example:

QBQ340M1-25C

适用于料浆混流体等介质的偏心半球阀，蜗轮传动、法兰连接，结构形式为直通式，密封面为1号耐磨合金，公称压力为2.5MPa，阀体为碳钢。

Apply slurry mixed fluid medium such as the eccentric half ball, worm drive, flange connection, the structure in the form of straight-through, the sealing surface to 1, wear-resistant alloy, nominal pressure 2.5MPa, valve body is carbon steel:

QBQ640W-10C

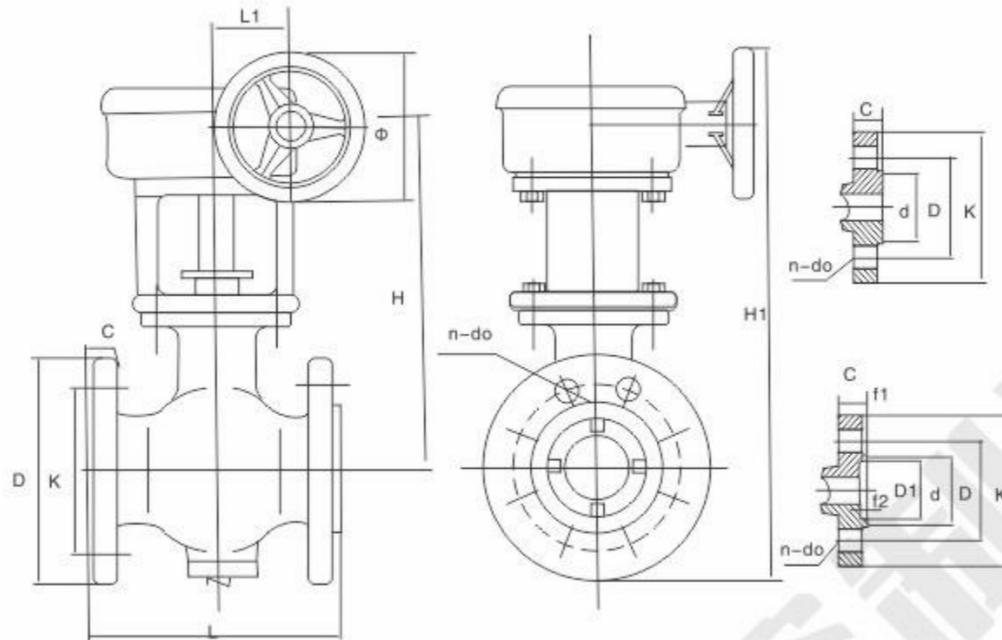
适用于普通介质的偏心半球阀，气动传动、法兰连接，结构形式为直通式，密封面材质为渗氮钢，公称压力为1.0MPa，阀体为碳钢；

Apply to general media bias and a half ball valve, pneumatic drive, flange connection, the structure in the form of straight-through, the sealing surface is made of nitride steel, nominal pressure 1.0MPa, valve body is carbon steel;

QBQ940H-40C

适用于各种油品的输送，以及天然气、水、煤气、液化气等介质，配电动执行机构、法兰连接，结构形式为直通式，密封面为特种硬质合金钢，公称压力为4.0MPa，阀体为碳钢。

Applicable to the transport of various oil and gas, water, gas, liquefied petroleum gas and other media, with electric actuator, flange connection, the structure in the form of straight-through, sealing surface for the special alloy steel, nominal pressure of 4.0 MPa, for the carbon steel valve body.



QBQ340型为蜗轮传动，两端法兰连接直通式，根据其密封副材质不同（W、H、M、M1）分属于下列四种情况：

- 1、QBQ340W型具有适应于水，蒸气、污水、纸浆等介质的阀门；
- 2、QBQ340H型石油化工燃气专用阀，针对石油化工行业。使用场合具有压力高、易燃、易爆、腐蚀性等特征，适用于各种油品的输送，以及天然气（油田气、煤气）焦炉气、水煤气、液化气等介质；具有密封性好、耐磨蚀等特征，性能优于球阀、闸阀，尤其适用于气体含杂质、渣及焦油、易结垢等气体工艺流程，及焦炉煤气、水煤气、城市天然气输送的管网、加压站。其关闭轻巧，密封性能好，能切除阀面结垢物的障碍，耐磨损、耐高温环境，使用优于球阀。
- 3、QBQ340M型料浆混流体专用阀，解决工业生产中溶液及矿浆等两相流体介质管道输送中的控制难题，在溶液易沉淀，结垢，结晶析出及矿浆，含杂质流体等影响流程的管道上，有独特的优点，开启力小，启闭时能破除结垢障碍顺利关闭，密封性能好，因而在冶金，化工，灰渣输送等部门广泛使用。
- 4、QBQ340M1型煤粉、喷吹、氧化铝粉输送专用阀，它是控制含尘气体，含颗粒流体等两相流体及粉末固体介质输送的理想设备。应用于冶金、高炉的煤粉喷吹及制粉系统和除尘系统中，偏心式煤粉喷吹氧化铝专用阀具有下列优点：
 - A、直通式：单向密封和偏心式结构，特别适用于煤粉喷吹、氧化铝输送的气固两相流介质，开启时阀芯与阀座脱离，流通不会出现积灰卡住现象；
 - B、开关轻便：开启时阀芯与座脱离，无任何接触，启动扭矩小，转动灵活，关闭时半球与阀座的挤切作用能除去密封面上的结垢与粘连，密封严密可靠；
 - C、密封面的偏心结构使球面能自动补偿磨损，保持阀门的密封性能，使用寿命长，安全可靠，不会在使用一段时间后因磨损而产生泄漏；
 - D、阀门属于硬密封结构，密封副使用材质Cr-Mo-V等耐磨合金，经过特殊处理制成，流体不直接冲刷阀芯，故阀门耐磨损，寿命长。

QBQ340 is the worm drive, the both sides flange connection goes nonstop to-like, seals the vice-material quality according to it differently (W, H, M, M1) to belong to the following four kind of situations separately:

1. QBQ340W is adapts in the water, medium and so on steam, sewage, paper pulp valves;
2. QBQ340H Petrochemical gas valves for the petrochemical industry-specific The use situation has the pressure high, flammable, explosive, corrosiveness strong and so on characteristics, is suitable in each kind of oil quality transportation, as well as natural gas (oil gas, coal gas) medium and so on coke oven gas, water, coal gas, liquid gas; Has the leak-proof quality, to bear characteristics well and so on abrasion, the performance surpasses the ball valve, the gate valve, especially is suitable in the gas contains gas technical processes and so on impurity, tea and tar, easy scaling, and coke gas, water, coal gas, city natural gas transportation's pipe network, pressurizing point. Its closure is dexterous, the sealing property is good, can excise the valve face scaling barrier, the wear ability, the thermos table environment, and the use surpasses the ball valve.
3. QBQ340M fluid mixed type slurry valve to solve industry-specific solutions and the production of pulp and other two-phase flow in the control medium pipeline problems, the solution easy to precipitation, crystallization and slurry, containing impurities affect the flow of pipeline fluid, etc., there unique advantages, opening force is small, open and close smoothly when barriers break scaling off, sealing performance, which in the metallurgical, chemical, widely used ash transportation and other sectors.
4. QBQ340M1 Pulverized Coal, injection, alumina powder conveying special valve, which is to control the dust gas, such as two-phase fluid with particles of solid medium body and powder conveying the ideal equipment. Used in metallurgy, blast furnace pulverized coal injection and the milling system and dust removal systems, pulverized coal injection eccentric Alumina special valve has the following advantages:
 - A. Straight-through: one-way seal and eccentric structure, especially for pulverized coal injection, alumina conveying phase flow medium, open the valve and valve seat when out of circulation will not be stuck fouling phenomenon ;
 - B. Light Switch: opens from the spool and valve seat, without any contact, starting torque is small, flexible rotation, closed hemisphere and the cutting action of squeezing the valve seat sealing surface to remove fouling and adhesion, tight and reliable sealing ;
 - C. The sealing surface of the eccentric spherical structure to automatically compensate wear and tear, keep the valve sealing performance, long life, safe and reliable, will not be used for some time due to wear and tear caused by leakage;
 - D. The valve seal structure is hard, sealing materials used in the Cr-Mo-V and other wear-resistant alloy, made of specially treated, the fluid does not directly scour valve, so valve wear, long life.

主要性能规范Main performance standard

| | | | | | | | | | | |
|--|-----------|--|------|-----|------|-----|-----|------|--------|--|
| 公称压力DN | 0.6 | 1.0 | 1.6 | 2.0 | 2.5 | 4.0 | 5.0 | 6.4 | 10 | |
| 壳体试验压力Shell test pressure | 0.9 | 1.5 | 2.4 | 3.0 | 3.75 | 6.0 | 7.5 | 9.6 | 15 | |
| 高压密封试验High-pressure seal test | 0.66 | 1.1 | 1.76 | 2.2 | 2.75 | 4.4 | 5.5 | 7.04 | 11 | |
| 适用介质及温度℃ Applicable medium and humidity | QBQ340W型 | 水、蒸气、纸浆等溶液 Water, steam, pulp and other solution | | | | | | | t≤425℃ | |
| | QBQ340H型 | 天然气、煤气、液化气、原油、重油 Natural gas, coal gas, liquefied petroleum gas, crude oil, heavy oil | | | | | | | t≤425℃ | |
| | QBQ340M型 | 溶液及矿浆输送 Solution and pulp transportation | | | | | | | t≤425℃ | |
| | QBQ340MI型 | 氧化铝粉、煤粉、煤灰、含尘气体、废渣等 Alumina powder, coal, coal ash, dust gases, waste, etc. | | | | | | | t≤350℃ | |

注：气密封试验压力均为0.6MPa Note: Air sealing and the pressure testing is 0.6MPa.

主要零件材质及代号Main parts materials and code

| 零件名称Part name | QBQ340W型Model | QBQ340H型Model | QBQ340M型Model | QBQ340MI型Model |
|--------------------------|------------------------|--|---|---|
| 阀体Body | 碳钢Carbon steel | 碳钢WCB不锈钢 Carbon steel WCB stainless steel | 碳钢Carbon steel | 碳钢Carbon steel |
| 阀杆Stem | 45# | 45# 2Cr13 | 45# 40Cr | 45# 40Cr |
| 阀芯密封副 Valve core seal | 渗氮钢 Nitriding steel | 特种硬化合金钢质Cr-Mn-Si 合金 Special hardens the alloy steel Cr-Mn-Si Alloy | 特种硬化合金钢质Cr-Mn-V合金 Special hardens the alloy steel Cr-Mn-V Alloy | 特种硬化合金钢质Cr-Mn-V合金 Special hardens the alloy steel Cr-Mn-V Alloy |
| 阀座密封副 Valve seat seal | W | 特种硬化合金钢质Cr-Mn-Si 合金 Special hardens the alloy steel Cr-Mn-Si Alloy | 特种硬化合金钢质Cr-Mn-V合金 Special hardens the alloy steel Cr-Mn-V Alloy | 特种硬化合金钢质Cr-Mn-V合金 Special hardens the alloy steel Cr-Mn-V Alloy |

说明：1、本产品法兰连接尺寸按GB/9113.1-2000的规定
2、结构长度参GB12221-89的规定；
3、制造和验收技术条件参照GB12237-89；
4、压力试验按照JB/T9092-1999，GB/T13927-92的要求。

Explained: 1. This product flange connection size according to GB/T9113.1-2000 stipulation;
2. The structural length refers to GB12221-89 the stipulation;
3. The manufacture and the approval engineering factor refers to GB12237-89;
4. Pressure test according to JB/T9092-1999, GB/T13927-92 request.

QBQ340W(H、M、M1)型偏心半球阀连接尺寸Biased half ball valve coupling dimension

| 公称通径 DN (MM) | L | L1 | D | K | d | D1 | f1 | f2 | C | n-do | H | H1 | Φ | 重量 Wt(kg) |
|-------------------|-----|-----|-----|-----|-----|-----|-----|-----|----|-------|-----|------|-----|--------------|
| PN6.4MPa(6.4bar) | | | | | | | | | | | | | | |
| 32 | 229 | 63 | 155 | 110 | 76 | 66 | 4 | 3 | 24 | 4-22 | 250 | 410 | 200 | |
| 40 | 241 | 63 | 170 | 125 | 84 | 76 | 4 | 3 | 26 | 4-22 | 275 | 460 | 200 | |
| 50 | 292 | 80 | 180 | 135 | 99 | 88 | 4 | 3 | 26 | 4-22 | 315 | 505 | 200 | |
| 65 | 330 | 80 | 205 | 160 | 118 | 110 | 4 | 3 | 26 | 8-22 | 335 | 565 | 250 | |
| 80 | 356 | 120 | 215 | 170 | 132 | 121 | 4 | 3 | 28 | 8-22 | 360 | 595 | 250 | |
| 100 | 432 | 120 | 250 | 200 | 156 | 150 | 4.5 | 3.5 | 30 | 8-26 | 416 | 690 | 300 | |
| 125 | 508 | 126 | 295 | 240 | 184 | 176 | 4.5 | 3.5 | 34 | 8-30 | 460 | 760 | 300 | |
| 150 | 559 | 126 | 345 | 280 | 211 | 204 | 4.5 | 3.5 | 36 | 8-33 | 485 | 810 | 300 | |
| 200 | 660 | 152 | 415 | 345 | 284 | 260 | 4.5 | 3.5 | 42 | 12-26 | 550 | 960 | 400 | |
| 250 | 787 | 186 | 470 | 400 | 345 | 313 | 4.5 | 3.5 | 46 | 12-36 | 720 | 1140 | 500 | |
| 300 | 838 | 186 | 530 | 460 | 409 | 364 | 4.5 | 3.5 | 52 | 16-36 | 845 | 1210 | 500 | |
| PN10.0MPa(100bar) | | | | | | | | | | | | | | |
| 32 | 229 | 63 | 155 | 11 | 76 | 66 | 4 | 3 | 24 | 4-22 | 250 | 410 | 250 | |
| 40 | 241 | 63 | 170 | 125 | 84 | 76 | 4 | 3 | 26 | 4-22 | 275 | 485 | 250 | |
| 50 | 292 | 80 | 195 | 145 | 99 | 88 | 4 | 3 | 28 | 4-26 | 315 | 540 | 250 | |
| 65 | 330 | 80 | 220 | 170 | 118 | 110 | 4 | 3 | 30 | 8-26 | 335 | 570 | 250 | |
| 80 | 356 | 120 | 230 | 180 | 132 | 121 | 4 | 3 | 32 | 8-26 | 360 | 625 | 300 | |
| 100 | 450 | 120 | 265 | 210 | 156 | 150 | 4.5 | 3.5 | 36 | 8-30 | 416 | 700 | 300 | |
| 125 | 525 | 126 | 315 | 250 | 184 | 176 | 4.5 | 3.5 | 40 | 8-33 | 460 | 820 | 400 | |
| 150 | 565 | 126 | 355 | 290 | 211 | 204 | 4.5 | 3.5 | 44 | 12-33 | 485 | 865 | 400 | |
| 200 | 660 | 152 | 430 | 360 | 284 | 260 | 4.5 | 3.5 | 52 | 12-36 | 550 | 1015 | 500 | |

注：本产品法兰密封面形式按GB/T9113.2-2000的规定，当用户法兰密封面形式与表中规定不同时，应在代货合同中注明。

Note: This product flange packing surface form according to GB/T9113.2-2000 stipulation, when in the user flange packing surface form and the table stipulates is different, should in the supply agreement indicate.

QBQ340W(H、M、M1)型偏心半球阀连接尺寸 Biased half ball valve coupling dimension

| 公称通径 DN (MM) | L | L1 | D | K | d | C | n-do | H | H1 | Φ | 重量 Wt(kg) |
|-------------------|------|-----|------|------|------|----|-------|------|------|-----|--------------|
| PN6.4MPa(6.4bar) | | | | | | | | | | | |
| 32 | 180 | 45 | 120 | 90 | 69 | 16 | 4-14 | 250 | 410 | 200 | |
| 40 | 200 | 45 | 130 | 100 | 78 | 16 | 4-14 | 265 | 430 | 200 | |
| 50 | 178 | 45 | 140 | 110 | 88 | 16 | 4-14 | 275 | 445 | 200 | 24 |
| 65 | 192 | 45 | 160 | 130 | 108 | 16 | 4-14 | 280 | 485 | 250 | 28 |
| 80 | 203 | 45 | 190 | 150 | 124 | 18 | 4-18 | 275 | 495 | 250 | 26 |
| 100 | 229 | 63 | 210 | 170 | 144 | 18 | 4-18 | 305 | 560 | 300 | 28 |
| 125 | 254 | 63 | 240 | 200 | 174 | 18 | 8-18 | 330 | 600 | 300 | 35 |
| 150 | 267 | 78 | 265 | 225 | 199 | 20 | 8-18 | 350 | 635 | 300 | 40 |
| 200 | 292 | 78 | 320 | 280 | 254 | 22 | 8-18 | 390 | 700 | 300 | 60 |
| 250 | 394 | 120 | 375 | 335 | 309 | 24 | 12-18 | 500 | 890 | 400 | 75 |
| 300 | 419 | 126 | 440 | 395 | 363 | 24 | 12-22 | 500 | 970 | 500 | 95 |
| 350 | 551 | 126 | 490 | 445 | 413 | 24 | 12-22 | 540 | 1035 | 500 | 200 |
| 400 | 600 | 140 | 540 | 495 | 463 | 24 | 16-22 | 575 | 1045 | 400 | 250 |
| 450 | 735 | 186 | 595 | 550 | 518 | 24 | 16-22 | 720 | 1270 | 500 | 360 |
| 500 | 701 | 186 | 645 | 600 | 568 | 26 | 20-22 | 695 | 1270 | 500 | 470 |
| 600 | 1067 | 186 | 755 | 705 | 667 | 30 | 20-26 | 905 | 1535 | 500 | 580 |
| 700 | 1085 | 430 | 860 | 810 | 772 | 26 | 24-26 | 1105 | 1685 | 300 | 700 |
| 800 | 1150 | 425 | 975 | 920 | 878 | 26 | 24-30 | 1180 | 1870 | 400 | 1350 |
| 900 | 1280 | 425 | 1075 | 1020 | 978 | 26 | 24-30 | 1285 | 2025 | 400 | 2400 |
| 1000 | 1460 | 451 | 1175 | 1120 | 1078 | 26 | 28-33 | 1360 | 2250 | 600 | 3200 |
| 1200 | 1650 | 451 | 1405 | 1340 | 1295 | 28 | 32-33 | 1460 | 2460 | 600 | 4500 |
| 1400 | 1800 | 464 | 1630 | 1560 | 1510 | 32 | 36-36 | 1580 | 2695 | 600 | 5300 |
| PN10.0MPa(100bar) | | | | | | | | | | | |
| 32 | 180 | 45 | 140 | 100 | 76 | 18 | 4-18 | 250 | 420 | 200 | |
| 40 | 200 | 45 | 150 | 110 | 84 | 18 | 4-18 | 265 | 440 | 200 | |
| 50 | 178 | 45 | 165 | 125 | 99 | 20 | 4-18 | 275 | 460 | 200 | 24 |
| 65 | 192 | 45 | 185 | 145 | 118 | 20 | 4-18 | 280 | 500 | 250 | 28 |
| 80 | 203 | 45 | 200 | 160 | 132 | 20 | 8-18 | 275 | 500 | 250 | 26 |
| 100 | 229 | 63 | 220 | 180 | 156 | 22 | 8-18 | 305 | 565 | 300 | 28 |
| 125 | 254 | 63 | 250 | 210 | 184 | 22 | 8-18 | 330 | 605 | 300 | 35 |
| 150 | 267 | 78 | 285 | 240 | 211 | 24 | 8-22 | 350 | 645 | 300 | 40 |
| 200 | 292 | 78 | 340 | 295 | 266 | 24 | 8-22 | 390 | 710 | 300 | 60 |
| 250 | 394 | 120 | 395 | 350 | 319 | 26 | 12-22 | 500 | 900 | 400 | 75 |
| 300 | 419 | 126 | 445 | 400 | 370 | 26 | 12-22 | 500 | 975 | 500 | 95 |
| 350 | 551 | 126 | 505 | 460 | 429 | 26 | 16-22 | 540 | 1045 | 500 | 200 |
| 400 | 600 | 140 | 565 | 515 | 480 | 26 | 16-26 | 575 | 1060 | 400 | 250 |
| 450 | 735 | 186 | 615 | 565 | 530 | 28 | 20-26 | 720 | 1280 | 500 | 370 |
| 500 | 701 | 186 | 670 | 620 | 592 | 28 | 20-26 | 695 | 1280 | 500 | 49 |
| 600 | 1067 | 186 | 780 | 725 | 682 | 34 | 20-30 | 905 | 1545 | 500 | 600 |
| 700 | 1085 | 430 | 895 | 840 | 794 | 34 | 24-30 | 1105 | 1705 | 300 | 750 |
| 800 | 1150 | 425 | 1015 | 950 | 901 | 36 | 24-33 | 1180 | 1890 | 400 | 1400 |
| 900 | 1280 | 425 | 1115 | 1050 | 1001 | 38 | 28-33 | 1285 | 2045 | 400 | 2600 |
| 1000 | 1460 | 451 | 1230 | 1160 | 1112 | 38 | 28-36 | 1360 | 2275 | 600 | 3400 |
| 1200 | 1650 | 451 | 1455 | 1380 | 1328 | 44 | 32-39 | 1610 | 2640 | 600 | 4900 |
| 1400 | 1800 | 464 | 1675 | 1590 | 1530 | 48 | 36-42 | 1800 | 2935 | 600 | 5700 |

注：本产品法兰密封面形式按GB/T9113.2-2000的规定，当用户法兰密封面形式与表中规定不同时，应在代货合同中注明。

Note: This product flange packing surface form according to GB/T9113.2-2000 stipulation, when in the user flange packing surface form and the table stipulates is different, should in the supply agreement indicate.

QBQ340W(H、M、M1)型偏心半球阀连接尺寸Biased half ball valve coupling dimension

| 公称通径 DN (mm) | L | L1 | D | K | d | C | n-do | H | H1 | Φ | 重量 Wt(kg) |
|-----------------|------|-----|------|------|------|----|-------|------|------|-----|--------------|
| PN1.6MPa(16bar) | | | | | | | | | | | |
| 32 | 180 | 45 | 140 | 100 | 76 | 18 | 4-18 | 250 | 420 | 200 | 30 |
| 40 | 200 | 45 | 150 | 110 | 84 | 18 | 4-18 | 265 | 440 | 200 | 33 |
| 50 | 178 | 45 | 165 | 125 | 99 | 20 | 4-18 | 275 | 460 | 200 | 28 |
| 65 | 192 | 45 | 185 | 145 | 118 | 20 | 4-18 | 280 | 500 | 250 | 30 |
| 80 | 203 | 45 | 200 | 160 | 132 | 20 | 8-18 | 275 | 500 | 250 | 39 |
| 100 | 229 | 63 | 220 | 180 | 156 | 22 | 8-18 | 305 | 560 | 300 | 45 |
| 125 | 254 | 63 | 250 | 210 | 184 | 22 | 8-18 | 330 | 605 | 300 | 65 |
| 150 | 267 | 78 | 285 | 240 | 211 | 24 | 8-22 | 350 | 645 | 300 | 80 |
| 200 | 292 | 78 | 340 | 295 | 266 | 24 | 12-22 | 390 | 710 | 300 | 98 |
| 250 | 394 | 120 | 405 | 355 | 319 | 26 | 12-26 | 500 | 905 | 400 | 250 |
| 300 | 419 | 126 | 460 | 410 | 370 | 28 | 12-26 | 500 | 930 | 500 | 370 |
| 350 | 551 | 126 | 520 | 470 | 429 | 30 | 16-26 | 540 | 1050 | 500 | 490 |
| 400 | 600 | 140 | 580 | 525 | 480 | 32 | 16-30 | 575 | 1065 | 400 | 570 |
| 450 | 735 | 186 | 640 | 585 | 548 | 40 | 20-30 | 720 | 1290 | 500 | 690 |
| 500 | 701 | 186 | 715 | 650 | 609 | 44 | 20-33 | 695 | 1300 | 500 | 850 |
| 600 | 1067 | 186 | 840 | 770 | 720 | 54 | 20-36 | 905 | 1575 | 500 | 1400 |
| 700 | 1085 | 430 | 910 | 840 | 794 | 40 | 24-36 | 1105 | 1710 | 300 | 2800 |
| 800 | 1150 | 425 | 1025 | 950 | 901 | 42 | 24-39 | 1180 | 1895 | 400 | 3600 |
| 900 | 1280 | 425 | 1125 | 1050 | 1001 | 44 | 28-39 | 1285 | 2050 | 400 | 5100 |
| 1000 | 1460 | 451 | 1255 | 1170 | 1112 | 46 | 28-42 | 1360 | 2290 | 600 | 6100 |
| PN2.5MPa(25bar) | | | | | | | | | | | |
| 32 | 180 | 451 | 140 | 100 | 76 | 18 | 4-18 | 250 | 420 | 200 | 35 |
| 40 | 200 | 45 | 150 | 110 | 84 | 18 | 4-18 | 265 | 440 | 200 | 38 |
| 50 | 178 | 45 | 165 | 125 | 99 | 20 | 4-18 | 275 | 460 | 200 | 37 |
| 65 | 192 | 45 | 185 | 145 | 118 | 22 | 8-18 | 280 | 500 | 250 | 35 |
| 80 | 203 | 45 | 200 | 160 | 132 | 24 | 8-18 | 275 | 500 | 250 | 45 |
| 100 | 229 | 63 | 235 | 190 | 156 | 24 | 8-22 | 305 | 575 | 300 | 50 |
| 125 | 254 | 63 | 270 | 220 | 184 | 26 | 8-26 | 330 | 615 | 300 | 70 |
| 150 | 267 | 78 | 300 | 250 | 211 | 28 | 8-26 | 350 | 650 | 300 | 85 |
| 200 | 292 | 78 | 360 | 310 | 274 | 30 | 12-26 | 405 | 735 | 300 | 110 |
| 250 | 394 | 120 | 425 | 370 | 330 | 32 | 12-30 | 500 | 915 | 400 | 270 |
| 300 | 419 | 140 | 485 | 430 | 389 | 34 | 16-30 | 500 | 945 | 400 | 390 |
| 350 | 551 | 140 | 555 | 490 | 448 | 38 | 16-33 | 560 | 1040 | 400 | 540 |
| 400 | 600 | 140 | 620 | 550 | 503 | 40 | 16-36 | 575 | 1085 | 400 | 630 |
| 450 | 735 | 186 | 670 | 600 | 548 | 46 | 20-36 | 720 | 1305 | 500 | 7630 |
| 500 | 701 | 186 | 730 | 660 | 609 | 48 | 20-36 | 695 | 1325 | 500 | 900 |
| 600 | 1067 | 186 | 845 | 770 | 720 | 58 | 20-39 | 860 | 1600 | 500 | 1550 |
| PN4.0MPa(40bar) | | | | | | | | | | | |
| 32 | 180 | 45 | 140 | 100 | 76 | 18 | 4-18 | 250 | 420 | 200 | 40 |
| 40 | 200 | 45 | 150 | 110 | 84 | 18 | 4-18 | 265 | 440 | 200 | 43 |
| 50 | 178 | 45 | 165 | 125 | 99 | 20 | 4-18 | 275 | 460 | 200 | 42 |
| 65 | 192 | 45 | 185 | 145 | 118 | 22 | 8-18 | 280 | 500 | 250 | 40 |
| 80 | 203 | 45 | 200 | 160 | 132 | 24 | 8-18 | 275 | 500 | 250 | 50 |
| 100 | 229 | 63 | 235 | 190 | 156 | 24 | 8-22 | 305 | 575 | 300 | 55 |
| 125 | 254 | 78 | 270 | 220 | 184 | 26 | 8-26 | 330 | 615 | 300 | 75 |
| 150 | 267 | 80 | 300 | 250 | 211 | 28 | 8-26 | 330 | 630 | 300 | 90 |
| 200 | 292 | 80 | 375 | 320 | 284 | 34 | 12-30 | 385 | 725 | 300 | 130 |
| 250 | 533 | 140 | 450 | 385 | 345 | 38 | 12-33 | 490 | 915 | 400 | 330 |
| 300 | 610 | 140 | 515 | 450 | 409 | 42 | 16-33 | 530 | 990 | 400 | 430 |
| 350 | 686 | 140 | 580 | 510 | 465 | 46 | 16-36 | 560 | 1050 | 400 | 590 |
| 400 | 762 | 186 | 660 | 585 | 535 | 50 | 16-39 | 660 | 1215 | 500 | 700 |

注：本产品法兰密封面形式按GB/T9113.1-2000的规定，当用户法兰密封面形式与表中规定不同时，应在代货合同中注明。

Note: This product flange packing surface form according to GB/T9113.2-2000 stipulation, when in the user flange packing surface form and the table stipulates is different, should in the supply agreement indicate.

QBQ340W(H、M、M1)型石化用磅级偏心半球阀连接尺寸

The petrochemical uses the pound level bias half ball valve coupling dimension

| 公称通径DN | | L | L1 | D | K | d | C | n-do | H | H1 | Φ |
|--------------------|--------|------|-----|-----|-------|-------|------|---------|-----|------|-----|
| 英寸Inch(in) | DN(mm) | | | | | | | | | | |
| PN2.0MPa(Class150) | | | | | | | | | | | |
| 11/4 | 32 | 180 | 45 | 120 | 89 | 63.5 | 13 | 4-16 | 250 | 410 | 200 |
| 11/2 | 40 | 200 | 45 | 130 | 98.5 | 73 | 14.5 | 4-16 | 265 | 430 | 200 |
| 2 | 50 | 178 | 45 | 150 | 120.5 | 92 | 16 | 4-18 | 275 | 450 | 200 |
| 3 1/2 | 65 | 192 | 45 | 180 | 139.5 | 105 | 17.5 | 4-18 | 280 | 495 | 250 |
| 3 | 80 | 203 | 45 | 190 | 152.5 | 127 | 19.5 | 4-18 | 275 | 495 | 250 |
| 4 | 100 | 229 | 63 | 230 | 190.5 | 157.5 | 24 | 8-18 | 305 | 570 | 300 |
| 5 | 125 | 254 | 63 | 255 | 216 | 186 | 24 | 8-22 | 330 | 610 | 300 |
| 6 | 150 | 267 | 78 | 280 | 241.5 | 216 | 25.5 | 8-22 | 350 | 640 | 300 |
| 8 | 200 | 292 | 78 | 345 | 298.5 | 270 | 29 | 8-22 | 405 | 730 | 300 |
| 10 | 250 | 533 | 120 | 405 | 362 | 324 | 30.5 | 12-26 | 605 | 1010 | 400 |
| 12 | 300 | 610 | 126 | 485 | 432 | 381 | 32 | 12-26 | 530 | 975 | 400 |
| 14 | 350 | 686 | 120 | 535 | 476 | 413 | 35 | 12-29.5 | 560 | 1030 | 400 |
| 16 | 400 | 600 | 140 | 600 | 540 | 470 | 37 | 16-29.5 | 575 | 1075 | 400 |
| 18 | 450 | 735 | 186 | 635 | 578 | 533.5 | 40 | 16-32.5 | 720 | 1290 | 500 |
| 20 | 500 | 701 | 186 | 700 | 635 | 584.5 | 43 | 20-32.5 | 695 | 1295 | 500 |
| 24 | 600 | 1067 | 186 | 815 | 749.5 | 692.5 | 48 | 20-35.5 | 905 | 1565 | 500 |
| PN5.0MPa(Class300) | | | | | | | | | | | |
| 11/4 | 32 | 180 | 45 | 135 | 98.5 | 63.5 | 19.5 | 4-18 | 255 | 425 | 200 |
| 11/2 | 40 | 200 | 45 | 135 | 114.5 | 73 | 21 | 4-22 | 265 | 445 | 200 |
| 2 | 50 | 216 | 45 | 165 | 127 | 92 | 22.5 | 8-18 | 275 | 460 | 200 |
| 2 1/2 | 65 | 241 | 45 | 190 | 149 | 105 | 25.5 | 8-11 | 280 | 500 | 250 |
| 3 | 80 | 283 | 45 | 210 | 168.5 | 127 | 29 | 8-22 | 275 | 505 | 250 |
| 4 | 100 | 305 | 63 | 255 | 200 | 157.5 | 32 | 8-22 | 305 | 585 | 300 |
| 5 | 125 | 381 | 63 | 280 | 235 | 186 | 35 | 8-22 | 330 | 620 | 300 |
| 6 | 150 | 403 | 78 | 320 | 270 | 216 | 37 | 12-22 | 350 | 660 | 300 |
| 8 | 200 | 419 | 120 | 380 | 330 | 270 | 41.5 | 12-26 | 480 | 820 | 300 |
| 10 | 250 | 457 | 140 | 445 | 387.5 | 324 | 48 | 16-29.5 | 310 | 1030 | 400 |
| 12 | 300 | 502 | 186 | 520 | 451 | 381 | 51 | 16-32.5 | 670 | 1140 | 400 |

PN10.0MPa(Class600)

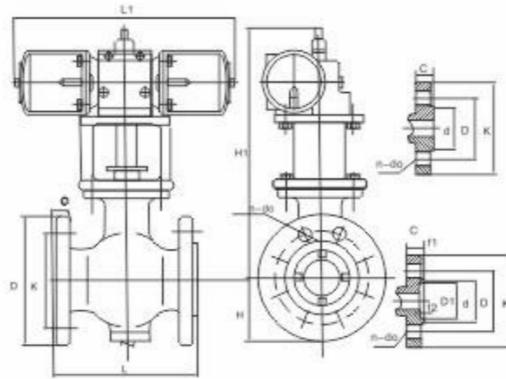
| 公称通径DN | | L | L1 | D | K | d | D1 | f1 | f2 | C | n-do | H | H1 | Φ |
|------------|--------|-----|-----|-----|-----|-----|-----|-----|-----|----|-------|-----|------|-----|
| 英寸Inch(in) | DN(mm) | | | | | | | | | | | | | |
| 1 1/4 | 32 | 229 | 63 | 155 | 110 | 76 | 66 | 4 | 3 | 24 | 4-22 | 250 | 440 | 250 |
| 1 1/2 | 40 | 241 | 63 | 170 | 125 | 84 | 76 | 4 | 3 | 26 | 4-22 | 275 | 485 | 250 |
| 2 | 50 | 292 | 80 | 195 | 145 | 99 | 88 | 4 | 3 | 28 | 4-26 | 315 | 540 | 250 |
| 2 1/2 | 65 | 330 | 80 | 220 | 170 | 118 | 110 | 4 | 3 | 30 | 8-26 | 335 | 570 | 250 |
| 3 | 80 | 356 | 120 | 230 | 180 | 132 | 121 | 4 | 3 | 32 | 8-26 | 360 | 625 | 300 |
| 4 | 100 | 432 | 120 | 265 | 210 | 156 | 150 | 4.5 | 3.5 | 36 | 8-30 | 416 | 700 | 300 |
| 5 | 125 | 508 | 126 | 315 | 250 | 184 | 176 | 4.5 | 3.5 | 40 | 8-33 | 460 | 820 | 400 |
| 6 | 150 | 559 | 126 | 355 | 290 | 211 | 204 | 4.5 | 3.5 | 44 | 12-33 | 485 | 865 | 400 |
| 8 | 200 | 660 | 152 | 430 | 360 | 284 | 260 | 4.5 | 3.5 | 52 | 12-36 | 550 | 1015 | 500 |

注：本产品法兰密封面形式按ASME B16.5的规定，当用户法兰密封面形式与表中规定不同时，应在供货合同中注明。

Note: This product flange packing surface form according to ASME B16.5 stipulation, when in the user flange packing surface form and the table stipulates is different, should in the supply agreement indicate.

QBQ640W型气动双法兰连接、直通式偏心式半球阀

Air operated double flange connection, goes nonstop to-like the eccentric half ball valve



它的执行机构采用气动式，根据阀门口径大小，配套与双缸两种，发挥了QBQ半球阀的优越性，为实现自动化或半自动化的操作创造了条件，具体要求型号分为4种类型分别为：(1) QBQ640W型、(2) QBQ640H型、(3) QBQ640M型、4) QBQ640M1型、具有下列优点：

- 1、直通式：单向密封和偏心式结构，开启时球与阀体相脱离，流道直通，不会现卡、堵现象；
- 2、开关轻便：启闭时球面与密封座脱离，无任何接触，扭矩小、转动灵活、启闭时半球阀与阀座的剪切作用能切去密封面上的结垢及粘连物，能保持密封严密；
- 3、密封面的偏心结构使球面能自动补偿磨损，保持阀门的密封性能，使用寿命长，安全可靠；
- 4、阀门属于硬密封结构，密封副根据不同介质，使用不同的耐磨合金材质，而且还具有坚硬的耐磨性与相应的耐腐蚀性。

Its implementing agency uses the air operated, according to the valve caliber size, the necessary simplex and the two-cylinder two kinds, has displayed the QBQ half ball valve's superiority, to realize automated or the semiautomated operation has created the condition, the concrete model divided into 4 types respectively is: (1) QBQ640W, (2) QBQ640H, (3) QBQ640M, (4) QBQ640M1, has the following merit:

1. Goes nonstop to-like: Unidirectional seal and eccentric structure, when opening the ball and the valve chest are separated from, the flow channel goes nonstop to, will not present the card, to stop up the phenomenon;
2. The switch is facile: Opens shuts when the spherical surface and the seal place are separated from, do not have any contact, the torque are small, side the rotation is flexible, opens shuts when half ball valve and valve seat's shear action can slice in the packing surface the scaling and sticks, can maintain.
3. The sealing surface eccentric structure enables the spherical surface the automatic compensation to wear, maintains valve's sealing property, the service life is long, safe reliable;
4. The valve belongs to the hard seal structure, seals the vice-basis different medium, uses the different antifriction metal material quality, But also with hard ware and corrosion resistance appropriate.

主要性能规范Main performance standard

| | | | | | | | | | | |
|---|----------------|--|------|-----|------|-----|-----|------|--------|--|
| 公称压力DN | 0.6 | 1.0 | 1.6 | 2.0 | 2.5 | 4.0 | 5.0 | 6.4 | 10 | |
| 壳体试验压力Shell test pressure | 0.9 | 1.5 | 2.4 | 3.0 | 3.8 | 6.0 | 7.5 | 9.6 | 15 | |
| 高压密封试验High-pressure seal test | 0.66 | 1.1 | 1.76 | 2.2 | 2.75 | 4.4 | 5.5 | 7.04 | 11 | |
| 适用介质及温度 Applicable medium and humidity℃ | QBQ640W型Model | 水、蒸汽、纸浆等溶液 Water, steam, pulp and other solution | | | | | | | t≤425℃ | |
| | QBQ640H型Model | 天然气、煤气、液化气、原油、重油 Natural gas, coal gas, liquefied petroleum gas, crude oil, heavy oil | | | | | | | t≤425℃ | |
| | QBQ640M型Model | 溶液及矿浆输送 Solution and pulp transportation | | | | | | | t≤425℃ | |
| | QBQ640M1型Model | 氧化铝粉、煤粉、煤灰、含尘气体、废渣等 Alumina powder, coal, coal ash, dust gases, waste, etc. | | | | | | | t≤350℃ | |

注：气密封试验压力均为0.6MPa Air sealing and the pressure testing is 0.6MPa.

主要零件材质及代号 Main parts materials and code

| 零件名称Part name | QBQ640W型Model | QBQ640H型Model | QBQ640M型Model | QBQ640M1型Model |
|--------------------------|------------------------|---|---|---|
| 阀体Body | 碳钢Carbon steel | 碳钢WCB不锈钢Carbon steel WCB | 碳钢Carbon steel | 碳钢Carbon steel WCB |
| 阀杆Stem | 45# | 45# 2Cr13 | 45# 40Cr | 45# |
| 阀芯密封副 Valve core seal | 渗氮钢 Nitriding steel | 特种硬化合金钢质Cr-Mn-Si合金 Special hardens the alloy steel Cr-Mn-Si Alloy | 特种硬化合金钢质Cr-Mo-V合金 Special hardens the alloy steel Cr-Mn-V Alloy | 特种硬化合金钢质Cr-Mo-V合金 Special hardens the alloy steel Cr-Mn-V Alloy |
| 阀座密封副 Valve seat seal | W | 特种硬化合金钢质Cr-Mn-Si合金 Special hardens the alloy steel Cr-Mn-Si Alloy | 特种硬化合金钢质Cr-Mo-V合金 Special hardens the alloy steel Cr-Mn-V Alloy | 特种硬化合金钢质Cr-Mo-V合金 Special hardens the alloy steel Cr-Mn-V Alloy |

说明：1、本产品法兰连接尺寸按GB/T9113.1-2000的规定；
2、结构长度参照GB12221-89的规定；
3、制造和验收技术条件参照GB12237-89；
4、压力试验按JB/T9092-1999, GB/T13927-92的要求。

Explained: 1. This product flange connection size according to GB/T9113.1-2000 stipulation;
2. The structural length refers to GB12221-89 the stipulation;
3. The manufacture and the approval engineering factor refers to GB12237-89;
4. Pressure test according to JB/T9092-1999, GB/T13927-92 request.

QBQ640W(H、M、M1)型偏心式半球阀连接尺寸Biased half ball valve coupling dimension

| 公称通径 DN (MM) | L | L1 | D | K | d | C | n-do | H | H1 |
|-----------------|------|------|------|------|------|----|-------|-----|------|
| PN0.6MPa(6bar) | | | | | | | | | |
| 32 | 180 | 225 | 120 | 90 | 69 | 16 | 4-14 | 65 | 350 |
| 40 | 200 | 225 | 130 | 100 | 78 | 16 | 4-14 | 75 | 370 |
| 50 | 178 | 282 | 140 | 110 | 88 | 16 | 4-14 | 85 | 380 |
| 65 | 192 | 282 | 160 | 130 | 108 | 16 | 4-14 | 90 | 390 |
| 80 | 203 | 325 | 190 | 150 | 124 | 18 | 4-18 | 105 | 425 |
| 100 | 229 | 389 | 210 | 170 | 144 | 18 | 4-18 | 120 | 480 |
| 125 | 254 | 432 | 240 | 200 | 174 | 18 | 8-18 | 135 | 525 |
| 150 | 267 | 537 | 265 | 225 | 199 | 20 | 8-18 | 160 | 625 |
| 200 | 292 | 537 | 320 | 280 | 254 | 22 | 8-18 | 180 | 675 |
| 250 | 394 | 669 | 375 | 335 | 309 | 24 | 12-18 | 220 | 810 |
| 300 | 419 | 1162 | 440 | 395 | 363 | 24 | 12-22 | 240 | 860 |
| 350 | 551 | 1162 | 490 | 445 | 413 | 24 | 12-22 | 270 | 910 |
| 400 | 600 | 1380 | 540 | 495 | 463 | 24 | 16-22 | 310 | 950 |
| 450 | 735 | 1860 | 595 | 550 | 518 | 24 | 16-22 | 325 | 990 |
| 500 | 701 | 1860 | 645 | 600 | 568 | 26 | 20-22 | 340 | 1080 |
| 600 | 1067 | 1860 | 755 | 705 | 667 | 30 | 20-26 | 450 | 1150 |
| 700 | 1085 | 1860 | 860 | 810 | 772 | 26 | 24-26 | 520 | 1230 |
| 800 | 1150 | 1860 | 975 | 920 | 878 | 26 | 24-30 | 570 | 1345 |
| 900 | 1280 | 1860 | 1075 | 1020 | 978 | 26 | 24-30 | 650 | 1470 |
| 1000 | 1460 | 1860 | 1175 | 1120 | 1078 | 26 | 28-30 | 730 | 1560 |
| 1200 | 1650 | 2350 | 1405 | 1340 | 1295 | 28 | 32-33 | 750 | 1635 |
| 1400 | 1800 | 2350 | 1630 | 1560 | 1510 | 32 | 36-36 | 860 | 1740 |
| PN1.0MPa(10bar) | | | | | | | | | |
| 32 | 180 | 225 | 140 | 100 | 76 | 18 | 4-18 | 65 | 350 |
| 40 | 200 | 225 | 150 | 110 | 84 | 18 | 4-18 | 75 | 370 |
| 50 | 178 | 282 | 165 | 125 | 99 | 20 | 4-18 | 85 | 380 |
| 65 | 192 | 282 | 185 | 145 | 118 | 20 | 4-18 | 90 | 390 |
| 80 | 203 | 325 | 200 | 160 | 132 | 20 | 8-18 | 105 | 425 |
| 100 | 229 | 389 | 220 | 180 | 156 | 22 | 8-18 | 120 | 480 |
| 125 | 254 | 432 | 250 | 210 | 184 | 22 | 8-18 | 135 | 525 |
| 150 | 267 | 537 | 285 | 240 | 211 | 24 | 8-22 | 160 | 625 |
| 200 | 292 | 537 | 340 | 295 | 266 | 24 | 8-22 | 180 | 675 |
| 250 | 394 | 669 | 395 | 350 | 319 | 26 | 12-22 | 220 | 810 |
| 300 | 419 | 1162 | 445 | 400 | 370 | 26 | 12-22 | 240 | 860 |
| 350 | 551 | 1162 | 505 | 460 | 429 | 26 | 16-22 | 270 | 910 |
| 400 | 600 | 1380 | 565 | 515 | 480 | 26 | 16-22 | 310 | 950 |
| 450 | 735 | 1860 | 615 | 565 | 530 | 28 | 20-26 | 325 | 990 |
| 500 | 701 | 1860 | 670 | 620 | 582 | 28 | 20-26 | 340 | 1080 |
| 600 | 1067 | 1860 | 780 | 725 | 682 | 34 | 20-30 | 450 | 1150 |
| 700 | 1085 | 1860 | 895 | 840 | 794 | 34 | 24-30 | 520 | 1230 |
| 800 | 1150 | 1860 | 1015 | 950 | 901 | 36 | 24-33 | 570 | 1345 |
| 900 | 1280 | 1860 | 1115 | 1050 | 1001 | 38 | 28-33 | 650 | 1470 |
| 1000 | 1460 | 1860 | 1230 | 1160 | 1112 | 38 | 28-36 | 730 | 1560 |
| 1200 | 1650 | 2350 | 1455 | 1380 | 1328 | 44 | 32-39 | 750 | 1635 |
| 1400 | 1800 | 2350 | 1675 | 1590 | 1530 | 48 | 36-42 | 860 | 1740 |

注: 1、本产品法兰密封面形式按GB/T9113.1-2000的规定当用户法兰密封面形式与表中规定不同时, 应在供货合同中注明。

2、气动装置可根据用户要求选配, 并在合同中注明; 如无特别声明, 由本公司自行选配。

Note: 1. this product flange packing surface form according to GB/T9113.1-2000 stipulation, when in the user flange packing surface form and the table stipulates is different, should in the supply agreement indicate.

2. pneumatic device selection according to user requirements, and in the contract; If no special statement, matching by the company itself.

QBQ640W(H、M、M1)型偏心式半球阀连接尺寸Biased half ball valve coupling dimension

| 公称通径 DN (MM) | L | L1 | D | K | d | C | n-do | H | H1 |
|-----------------|------|------|------|------|------|----|-------|-----|------|
| PN1.6MPa(16bar) | | | | | | | | | |
| 32 | 180 | 225 | 140 | 100 | 76 | 18 | 4-18 | 65 | 350 |
| 40 | 200 | 225 | 150 | 110 | 84 | 18 | 4-18 | 75 | 370 |
| 50 | 178 | 282 | 165 | 125 | 99 | 20 | 4-18 | 85 | 380 |
| 65 | 192 | 282 | 185 | 145 | 118 | 20 | 4-18 | 90 | 390 |
| 80 | 203 | 325 | 200 | 160 | 132 | 20 | 8-18 | 105 | 415 |
| 100 | 229 | 389 | 220 | 180 | 156 | 22 | 8-18 | 120 | 480 |
| 125 | 254 | 432 | 250 | 210 | 184 | 22 | 8-18 | 135 | 525 |
| 150 | 267 | 537 | 285 | 240 | 211 | 24 | 8-22 | 160 | 625 |
| 200 | 292 | 537 | 340 | 295 | 266 | 24 | 12-22 | 180 | 675 |
| 250 | 394 | 669 | 505 | 355 | 379 | 26 | 12-26 | 220 | 810 |
| 300 | 419 | 1162 | 460 | 410 | 370 | 28 | 12-26 | 240 | 860 |
| 350 | 551 | 1162 | 520 | 470 | 429 | 30 | 16-26 | 270 | 910 |
| 400 | 600 | 1380 | 580 | 525 | 480 | 32 | 16-30 | 310 | 950 |
| 450 | 735 | 1860 | 640 | 585 | 548 | 40 | 20-30 | 325 | 990 |
| 500 | 701 | 1860 | 715 | 650 | 609 | 44 | 20-33 | 340 | 1080 |
| 600 | 1067 | 1860 | 840 | 770 | 720 | 54 | 20-36 | 450 | 1150 |
| 700 | 1085 | 1860 | 910 | 840 | 794 | 40 | 24-36 | 520 | 1230 |
| 800 | 1150 | 1860 | 1025 | 950 | 901 | 42 | 24-39 | 570 | 1345 |
| 900 | 1280 | 2350 | 1125 | 1050 | 1001 | 44 | 28-39 | 650 | 1470 |
| 1000 | 1460 | 2350 | 1255 | 1170 | 1112 | 46 | 28-42 | 730 | 1560 |
| PN2.5MPa(25bar) | | | | | | | | | |
| 32 | 180 | 225 | 140 | 100 | 76 | 78 | 4-18 | 65 | 350 |
| 40 | 200 | 225 | 150 | 110 | 84 | 78 | 4-18 | 75 | 370 |
| 50 | 178 | 282 | 165 | 125 | 99 | 20 | 4-18 | 85 | 380 |
| 65 | 192 | 282 | 185 | 145 | 118 | 22 | 8-18 | 90 | 390 |
| 80 | 203 | 325 | 200 | 160 | 132 | 24 | 8-18 | 105 | 415 |
| 100 | 229 | 389 | 235 | 190 | 156 | 24 | 8-22 | 120 | 480 |
| 125 | 254 | 432 | 270 | 220 | 184 | 26 | 8-26 | 135 | 525 |
| 150 | 267 | 537 | 300 | 250 | 211 | 28 | 8-26 | 160 | 625 |
| 200 | 292 | 537 | 360 | 310 | 266 | 30 | 12-26 | 190 | 675 |
| 250 | 394 | 669 | 425 | 370 | 379 | 32 | 12-30 | 190 | 810 |
| 300 | 419 | 1162 | 485 | 430 | 370 | 34 | 16-30 | 240 | 860 |
| 350 | 551 | 1162 | 555 | 490 | 429 | 38 | 16-33 | 270 | 910 |
| 400 | 600 | 1380 | 620 | 550 | 480 | 40 | 16-36 | 290 | 950 |
| 450 | 735 | 1860 | 670 | 600 | 548 | 46 | 20-36 | 340 | 990 |
| 500 | 701 | 1860 | 730 | 650 | 609 | 48 | 20-36 | 380 | 1080 |
| 600 | 1067 | 2350 | 845 | 770 | 720 | 58 | 20-39 | 430 | 1150 |
| PN4.0MPa(40bar) | | | | | | | | | |
| 32 | 180 | 225 | 140 | 100 | 76 | 18 | 4-18 | 65 | 350 |
| 40 | 200 | 225 | 150 | 110 | 84 | 18 | 4-18 | 75 | 370 |
| 50 | 178 | 282 | 165 | 125 | 99 | 20 | 4-18 | 85 | 380 |
| 65 | 192 | 282 | 185 | 145 | 118 | 22 | 8-18 | 90 | 390 |
| 80 | 203 | 325 | 200 | 160 | 132 | 24 | 8-18 | 105 | 415 |
| 100 | 229 | 389 | 235 | 190 | 156 | 24 | 8-22 | 120 | 480 |
| 125 | 254 | 432 | 275 | 220 | 184 | 26 | 8-26 | 135 | 525 |
| 150 | 267 | 537 | 300 | 250 | 211 | 28 | 8-26 | 160 | 625 |
| 200 | 292 | 537 | 375 | 320 | 284 | 34 | 12-30 | 190 | 715 |
| 250 | 533 | 669 | 450 | 385 | 345 | 38 | 12-33 | 240 | 825 |
| 300 | 610 | 1162 | 515 | 450 | 409 | 42 | 16-33 | 270 | 860 |
| 350 | 686 | 1162 | 580 | 510 | 465 | 46 | 16-36 | 290 | 970 |
| 400 | 762 | 1380 | 660 | 585 | 535 | 50 | 16-39 | 340 | 1030 |

注：1、本产品法兰密封面形式按GB/T9113.1-2000的规定当用户法兰密封面形式与表中规定不同时，应在供货合同中注明。

2、气动装置可根据用户要求选配，并在合同中注明；如无特别声明，由本公司自行选配。

Note: 1, this product flange packing surface form according to GB/T9113.1-2000 stipulation, when in the user flange packing surface form and the table stipulates is different, should in the supply agreement indicate.

2, pneumatic device selection according to user requirements, and in the contract; If no special statement, matching by the company itself.

QBQ640W(H、M、M1)型偏心式半球阀连接尺寸Biased half ball valve coupling dimension

| 公称口径 DN (MM) | L | L1 | D | K | d | D1 | f1 | f2 | C | n-do | H | H1 |
|--------------------|-----|------|-----|-----|-----|-----|-----|-----|----|-------|-----|-----|
| PN6.4MPa(64bar) | | | | | | | | | | | | |
| 32 | 229 | 282 | 155 | 110 | 76 | 66 | 4 | 3 | 24 | 4-22 | 75 | 370 |
| 40 | 241 | 282 | 170 | 125 | 84 | 76 | 4 | 3 | 26 | 4-22 | 85 | 385 |
| 50 | 292 | 325 | 180 | 135 | 99 | 88 | 4 | 3 | 26 | 4-22 | 90 | 410 |
| 65 | 330 | 389 | 205 | 160 | 118 | 110 | 4 | 3 | 26 | 8-22 | 100 | 430 |
| 80 | 356 | 432 | 215 | 170 | 132 | 121 | 4 | 3 | 28 | 8-22 | 115 | 465 |
| 100 | 432 | 537 | 250 | 200 | 156 | 150 | 4.5 | 3.5 | 30 | 8-26 | 130 | 515 |
| 125 | 508 | 669 | 295 | 240 | 184 | 176 | 4.5 | 3.5 | 34 | 8-30 | 155 | 560 |
| 150 | 559 | 1162 | 345 | 280 | 211 | 204 | 4.5 | 3.5 | 36 | 8-33 | 180 | 670 |
| 200 | 660 | 1162 | 415 | 345 | 284 | 260 | 4.5 | 3.5 | 42 | 12-26 | 215 | 725 |
| 250 | 787 | 1380 | 470 | 400 | 345 | 313 | 4.5 | 3.5 | 46 | 12-36 | 245 | 840 |
| 300 | 838 | 1380 | 530 | 460 | 409 | 364 | 4.5 | 3.5 | 52 | 16-36 | 280 | 910 |
| PN10.0MPa(100bar) | | | | | | | | | | | | |
| 32 | 229 | 282 | 155 | 110 | 76 | 66 | 4 | 3 | 24 | 4-22 | 75 | 370 |
| 40 | 241 | 282 | 170 | 125 | 84 | 76 | 4 | 3 | 26 | 4-22 | 85 | 385 |
| 50 | 292 | 325 | 195 | 145 | 99 | 88 | 4 | 3 | 28 | 4-26 | 90 | 410 |
| 65 | 330 | 289 | 220 | 170 | 118 | 110 | 4 | 3 | 30 | 8-26 | 100 | 430 |
| 80 | 356 | 432 | 230 | 180 | 132 | 121 | 4 | 3 | 32 | 8-26 | 115 | 465 |
| 100 | 450 | 537 | 265 | 210 | 156 | 150 | 4.5 | 3.5 | 36 | 8-30 | 130 | 515 |
| 125 | 525 | 669 | 315 | 250 | 184 | 176 | 4.5 | 3.5 | 40 | 8-33 | 155 | 560 |
| 150 | 565 | 1162 | 355 | 290 | 211 | 204 | 4.5 | 3.5 | 44 | 12-33 | 180 | 670 |
| 200 | 660 | 1162 | 430 | 360 | 284 | 260 | 4.5 | 3.5 | 52 | 12-36 | 215 | 725 |

注：1、本产品法兰密封面形式按GB/T9113.1-2000的规定当用户法兰密封面形式与表中规定不同时，应在供货合同中注明。

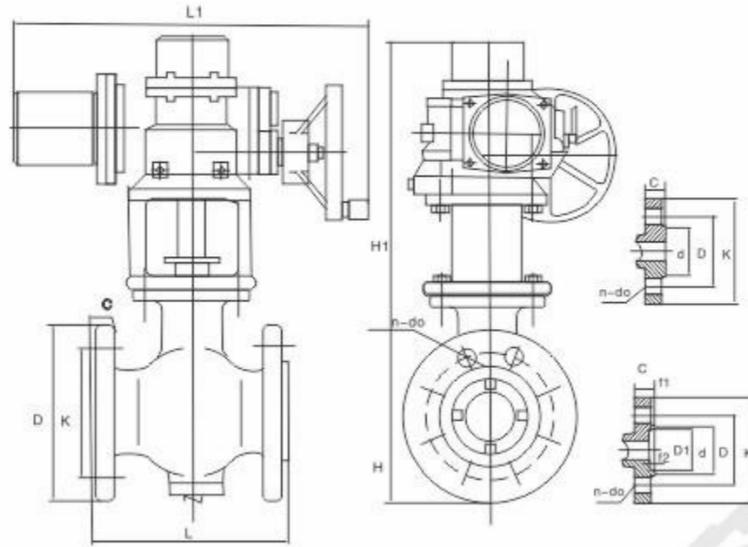
2、气动装置可根据用户要求选配，并在合同中注明；如无特别声明，由本公司自行选配。

Note: 1.this product flange packing surface form according to GB/T9113.1-2000 stipulation, when in the user flange packing surface form and the table stipulates is different, should in the supply agreement indicate.

2.pneumatic device selection according to user requirements, and in the contract; If no special statement, matching by the company itself.

QBQ940W(H、M、M1)型电动传动双法兰连接直通式偏心式半球阀

The electrically operated transmission double flange connection goes nonstop to-like the biased half ball valve



该阀是根据市场调查、在原半球阀基础上的改良产品, 执行机构上配有90°回转电动挂靠器, 操作轻便可远距离自动化操作; 特别在恶劣环境下不便于人工操作或常开动作时, 在配套自动化电脑操作情况下, 偏心式半球阀配置电动执行机构, 更为开创新的创意; 若要求电动控制有防爆, 防火措施, 请提出防护等级, 并详细说明。

该阀门具有开启力矩小, 自动破除结垢障碍, 具有耐磨、耐腐蚀等偏心半球阀的一切优点, 因而广泛应用于水、蒸汽、污水、造纸、石油化工、天然气、溶液及矿浆两相混流介质, 是含尘气体, 含颗粒流体、粉末固体介质输送的理想设备, 使用电动操作, 便于管理自动化, 远距离操纵, 配置电动讯号装置, 更适用于自动化操作与集中控制。

This valve is according to the market survey, in the original half ball valve foundation improvement product, on the implementing agency has 90°, the rotation electrically operated actuator, the operation is facile. But long-distance range automation operation; It is not advantageous specially when the bad environment the manual control or often opens the movement, in the necessary automated computer operation situation, the eccentric half ball valve disposition electric operator, more founds the new creativity; If requests the electric control installment to have the explosion-proof, the fire precautions, please propose the protection rank, and detailed explanation.

The valve has to open a small torque, auto break scaling obstacles, with wear and corrosion resistance all the benefits of eccentric semi-ball valve, which is widely used in water, steam, water, paper, petrochemical, natural gas, solution and a large pulp two mixed flow medium is dust gas, fluid containing particles, the ideal powder solid medium conveying equipment, using electric operation, ease of management automation, remote control, configuration, electrical signal device more suitable for automation and centralized control.

主要性能规范Main performance standard

| | | | | | | | | | | |
|---|----------------|--|------|-----|------|-----|-----|------------|----|--|
| 公称压力DN | 0.6 | 1.0 | 1.6 | 2.0 | 2.5 | 4.0 | 5.0 | 6.4 | 10 | |
| 壳体试验压力Shell test pressure | 0.9 | 1.5 | 2.4 | 3.0 | 3.8 | 6.0 | 7.5 | 9.6 | 15 | |
| 高压密封试验High-pressure seal test | 0.66 | 1.1 | 1.76 | 2.2 | 2.75 | 4.4 | 5.5 | 7.04 | 11 | |
| 适用介质及温度 Applicable medium and humidity °C | QBQ940W型Model | 水、蒸汽、纸浆等溶液 Water, steam, pulp and other solution | | | | | | t ≤ 425 °C | | |
| | QBQ940H型Model | 天然气、煤气、液化气、原油、重油 Natural gas, coal gas, liquefied petroleum gas, crude oil, heavy oil | | | | | | t ≤ 425 °C | | |
| | QBQ940M型Model | 溶液及矿浆输送 Solution and pulp transportation | | | | | | t ≤ 425 °C | | |
| | QBQ940M1型Model | 氧化铝粉、煤粉、煤灰、含尘气体、废渣等 Alumina powder, coal, coal ash, dust gases, waste, etc. | | | | | | t ≤ 350 °C | | |

注: 气密封试验压力均为0.6MPa Note: Air sealing and the pressure testing is 0.6MPa.

主要零件材质及代号Main parts materials and code

| 零件名称Part name | QBQ940W型Model | QBQ940H型Model | QBQ940M型Model | QBQ940M1型Model |
|--------------------------|------------------------|---|---|---|
| 阀体Body | 碳钢Carbon steel | 碳钢WCB不锈钢Carbon steel WCB | 碳钢Carbon steel | 碳钢Carbon steel WCB |
| 阀杆Stem | 45# | 45# 2Cr13 | 45# 40Cr | 45# |
| 阀芯密封副 Valve core seal | 渗氮钢 Nitriding steel | 特种硬化合金钢质Cr-Mn-Si合金 Special hardens the alloy steel Cr-Mn-Si Alloy | 特种硬化合金钢质Cr-Mo-V合金 Special hardens the alloy steel Cr-Mn-V Alloy | 特种硬化合金钢质Cr-Mo-V合金 Special hardens the alloy steel Cr-Mn-V Alloy |
| 阀座密封副 Valve seat seal | W | 特种硬化合金钢质Cr-Mn-Si合金 Special hardens the alloy steel Cr-Mn-Si Alloy | 特种硬化合金钢质Cr-Mo-V合金 Special hardens the alloy steel Cr-Mn-V Alloy | 特种硬化合金钢质Cr-Mo-V合金 Special hardens the alloy steel Cr-Mn-V Alloy |

说明: 1、本产品法兰连接尺寸按GB/T9113.1-2000的规定;
2、结构长度参照GB12221-89的规定;
3、制造和验收技术条件参照GB12237-89;
4、压力试验按JB/T9092-1999, GB/T13927-92的要求。

Explained: 1. This product flange connection size according to GB/T9113.1-2000 stipulation;
2. The structural length refers to GB12221-89 the stipulation;
3. The manufacture and the approval engineering factor refers to GB12237-89;
4. Pressure test according to JB/T9092-1999, GB/T13927-92 request.

QBQ940W(H、M、M1)型偏心式半球阀连接尺寸Eccentric half ball valve coupling dimension

| 公称通径 DN (MM) | L | L1 | D | K | d | C | n-do | H | H1 |
|-----------------|------|------|------|------|------|----|-------|-----|------|
| PN0.6MPa(6bar) | | | | | | | | | |
| 32 | 180 | 357 | 120 | 90 | 69 | 16 | 4-14 | 65 | 450 |
| 40 | 200 | 357 | 130 | 100 | 78 | 16 | 4-14 | 75 | 460 |
| 50 | 178 | 357 | 140 | 110 | 88 | 16 | 4-14 | 85 | 480 |
| 65 | 192 | 357 | 160 | 130 | 108 | 16 | 4-14 | 90 | 485 |
| 80 | 203 | 357 | 190 | 150 | 124 | 18 | 4-18 | 105 | 490 |
| 100 | 229 | 357 | 210 | 170 | 144 | 18 | 4-18 | 120 | 500 |
| 125 | 254 | 367 | 240 | 200 | 174 | 18 | 8-18 | 135 | 585 |
| 150 | 267 | 367 | 265 | 225 | 199 | 20 | 8-18 | 160 | 640 |
| 200 | 292 | 367 | 320 | 280 | 254 | 22 | 8-18 | 180 | 675 |
| 250 | 394 | 555 | 375 | 335 | 309 | 24 | 12-18 | 220 | 760 |
| 300 | 419 | 555 | 440 | 395 | 363 | 24 | 12-22 | 240 | 790 |
| 350 | 551 | 691 | 490 | 445 | 413 | 24 | 12-22 | 270 | 975 |
| 400 | 600 | 733 | 540 | 495 | 463 | 24 | 16-22 | 310 | 1025 |
| 450 | 735 | 733 | 595 | 550 | 518 | 24 | 16-22 | 325 | 1095 |
| 500 | 701 | 733 | 645 | 600 | 568 | 26 | 20-22 | 340 | 1120 |
| 600 | 1067 | 938 | 755 | 705 | 667 | 30 | 20-26 | 450 | 1295 |
| 700 | 1085 | 1066 | 860 | 810 | 772 | 26 | 24-26 | 520 | 1420 |
| 800 | 1150 | 1066 | 975 | 920 | 878 | 26 | 24-30 | 570 | 1475 |
| 900 | 1280 | 1066 | 1075 | 1020 | 978 | 26 | 24-30 | 650 | 1585 |
| 1000 | 1460 | 1066 | 1175 | 1120 | 1078 | 26 | 28-30 | 730 | 1640 |
| 1200 | 1650 | 1191 | 1405 | 1340 | 1295 | 28 | 32-33 | 750 | 1695 |
| 1400 | 1800 | 1191 | 1630 | 1560 | 1510 | 32 | 36-36 | 860 | 1770 |
| PN1.0MPa(10bar) | | | | | | | | | |
| 32 | 180 | 357 | 140 | 100 | 76 | 18 | 4-18 | 65 | 450 |
| 40 | 200 | 357 | 150 | 110 | 84 | 18 | 4-18 | 75 | 460 |
| 50 | 178 | 357 | 165 | 125 | 99 | 20 | 4-18 | 85 | 480 |
| 65 | 192 | 357 | 185 | 145 | 118 | 20 | 4-18 | 90 | 485 |
| 80 | 203 | 357 | 200 | 160 | 132 | 20 | 8-18 | 105 | 490 |
| 100 | 229 | 357 | 220 | 180 | 156 | 22 | 8-18 | 120 | 500 |
| 125 | 254 | 367 | 250 | 210 | 184 | 22 | 8-18 | 135 | 585 |
| 150 | 267 | 367 | 285 | 240 | 211 | 24 | 8-22 | 160 | 640 |
| 200 | 292 | 367 | 340 | 295 | 266 | 24 | 8-22 | 180 | 675 |
| 250 | 394 | 555 | 395 | 350 | 319 | 26 | 12-22 | 220 | 760 |
| 300 | 419 | 555 | 445 | 400 | 370 | 26 | 12-22 | 240 | 790 |
| 350 | 551 | 619 | 505 | 460 | 429 | 26 | 16-22 | 270 | 975 |
| 400 | 600 | 733 | 565 | 515 | 480 | 26 | 16-26 | 310 | 1025 |
| 450 | 735 | 733 | 615 | 565 | 530 | 28 | 20-26 | 325 | 1095 |
| 500 | 701 | 733 | 670 | 620 | 582 | 28 | 20-26 | 340 | 1120 |
| 600 | 1067 | 938 | 780 | 725 | 682 | 34 | 20-30 | 450 | 1295 |
| 700 | 1085 | 1066 | 895 | 840 | 794 | 34 | 24-30 | 520 | 1420 |
| 800 | 1150 | 1066 | 1015 | 950 | 901 | 36 | 24-33 | 570 | 1475 |
| 900 | 1285 | 1066 | 1115 | 1050 | 1001 | 38 | 28-33 | 650 | 1585 |
| 1000 | 1460 | 1066 | 1230 | 1160 | 1112 | 38 | 28-36 | 730 | 1640 |
| 1200 | 1650 | 1191 | 1455 | 1380 | 1328 | 44 | 32-39 | 750 | 1695 |
| 1400 | 1800 | 1191 | 1675 | 1590 | 1530 | 48 | 36-42 | 860 | 1770 |

注: 1、本产品法兰密封面形式按GB/T9113.1-2000的规定,当用户法兰密封面形式与表中规定不同时,应在供货合同中注明。

2、电动装置可根据用户要求选配,并在合同中注明;如无特别声明,由本公司自行选配。

Note: 1.This product flange packing surface form according to GB/T9113.1-2000 stipulation, when in the user flange packing surface form and the table stipulates is different, should in the supply agreement indicate.

2.The electrically operated equipment may act according to the user request match, and indicates in the contract; If does not have stated specially, chooses and matches voluntarily by this company.

QBQ940W(H、M、M1)型偏心式半球阀连接尺寸Eccentric half ball valve coupling dimension

| 公称口径 DN (MM) | L | L1 | D | K | d | C | n-do | H | H1 |
|-----------------|------|------|------|------|------|----|-------|-----|------|
| PN1.6MPa(16bar) | | | | | | | | | |
| 32 | 180 | 357 | 140 | 100 | 76 | 18 | 4-18 | 65 | 450 |
| 40 | 200 | 357 | 150 | 110 | 84 | 18 | 4-18 | 75 | 460 |
| 50 | 178 | 357 | 165 | 125 | 99 | 20 | 4-18 | 85 | 480 |
| 65 | 192 | 357 | 185 | 145 | 118 | 20 | 4-18 | 90 | 485 |
| 80 | 203 | 357 | 200 | 160 | 132 | 20 | 8-18 | 105 | 490 |
| 100 | 229 | 357 | 220 | 180 | 156 | 22 | 8-18 | 120 | 500 |
| 125 | 254 | 367 | 250 | 210 | 184 | 22 | 8-18 | 135 | 585 |
| 150 | 267 | 367 | 285 | 240 | 211 | 24 | 8-22 | 160 | 640 |
| 200 | 292 | 367 | 340 | 295 | 266 | 24 | 12-22 | 180 | 675 |
| 250 | 394 | 555 | 405 | 355 | 319 | 26 | 12-26 | 220 | 760 |
| 300 | 419 | 555 | 460 | 410 | 370 | 28 | 12-26 | 240 | 790 |
| 350 | 551 | 691 | 520 | 470 | 429 | 30 | 16-26 | 270 | 975 |
| 400 | 600 | 733 | 580 | 525 | 480 | 32 | 16-30 | 310 | 1025 |
| 450 | 735 | 733 | 640 | 585 | 548 | 40 | 20-30 | 325 | 1095 |
| 500 | 701 | 733 | 715 | 650 | 609 | 44 | 20-33 | 340 | 1120 |
| 600 | 1067 | 938 | 840 | 770 | 720 | 54 | 20-36 | 450 | 1295 |
| 700 | 1085 | 1066 | 910 | 840 | 794 | 40 | 24-36 | 520 | 1420 |
| 800 | 1150 | 1066 | 1025 | 950 | 901 | 42 | 24-39 | 570 | 1475 |
| 900 | 1280 | 1066 | 1125 | 1050 | 1001 | 44 | 28-39 | 650 | 1585 |
| 1000 | 1460 | 1066 | 1255 | 1170 | 1112 | 46 | 28-42 | 730 | 1640 |
| PN2.5MPa(25bar) | | | | | | | | | |
| 32 | 180 | 357 | 140 | 100 | 76 | 18 | 4-18 | 65 | 65 |
| 40 | 200 | 357 | 150 | 110 | 84 | 18 | 4-18 | 75 | 75 |
| 50 | 178 | 357 | 165 | 125 | 99 | 20 | 4-18 | 85 | 85 |
| 65 | 192 | 357 | 185 | 145 | 118 | 22 | 8-18 | 90 | 90 |
| 80 | 203 | 357 | 200 | 160 | 132 | 24 | 8-18 | 105 | 105 |
| 100 | 229 | 367 | 235 | 190 | 156 | 24 | 8-22 | 120 | 120 |
| 125 | 254 | 367 | 270 | 220 | 184 | 26 | 8-26 | 135 | 135 |
| 150 | 267 | 555 | 300 | 250 | 211 | 28 | 8-26 | 160 | 160 |
| 200 | 292 | 555 | 360 | 310 | 274 | 30 | 12-26 | 190 | 190 |
| 250 | 394 | 555 | 425 | 370 | 330 | 32 | 12-30 | 190 | 190 |
| 300 | 419 | 691 | 485 | 430 | 389 | 34 | 16-30 | 240 | 240 |
| 350 | 551 | 705 | 555 | 490 | 448 | 38 | 16-33 | 270 | 270 |
| 400 | 600 | 733 | 620 | 550 | 503 | 40 | 16-36 | 290 | 290 |
| 450 | 735 | 938 | 670 | 600 | 548 | 46 | 20-36 | 340 | 340 |
| 500 | 701 | 1066 | 730 | 660 | 609 | 48 | 20-36 | 380 | 380 |
| 600 | 1067 | 1066 | 845 | 770 | 720 | 58 | 20-39 | 430 | 430 |
| PN4.0MPa(40bar) | | | | | | | | | |
| 32 | 180 | 357 | 140 | 100 | 76 | 18 | 4-18 | 65 | 65 |
| 40 | 200 | 357 | 150 | 110 | 84 | 18 | 4-18 | 75 | 75 |
| 50 | 178 | 357 | 165 | 125 | 99 | 20 | 4-18 | 85 | 85 |
| 65 | 192 | 357 | 185 | 145 | 118/ | 22 | 8-18 | 90 | 90 |
| 80 | 203 | 357 | 200 | 160 | 132 | 24 | 8-18 | 105 | 105 |
| 100 | 229 | 367 | 235 | 190 | 156 | 24 | 8-22 | 120 | 120 |
| 125 | 254 | 367 | 270 | 220 | 14 | 26 | 8-26 | 135 | 135 |
| 150 | 267 | 555 | 300 | 250 | 211 | 28 | 8-26 | 160 | 160 |
| 200 | 292 | 555 | 375 | 320 | 284 | 34 | 12-30 | 190 | 190 |
| 250 | 533 | 691 | 450 | 385 | 345 | 38 | 12-33 | 240 | 240 |
| 300 | 610 | 733 | 515 | 450 | 409 | 42 | 16-33 | 270 | 270 |
| 350 | 686 | 733 | 580 | 510 | 465 | 46 | 16-36 | 290 | 290 |
| 400 | 762 | 938 | 660 | 585 | 535 | 50 | 16-39 | 340 | 340 |

注：1、本产品法兰密封面形式按GB/T9113.1-2000的规定,当用户法兰密封面形式与表中规定不同时，应在供货合同中注明。

2、电动装置可根据用户要求选配，并在合同中注明；如无特别声明，由本公司自行选配。

Note: 1. This product flange packing surface form according to GB/T9113.1-2000 stipulation, when in the user flange packing surface form and the table stipulates is different, should in the supply agreement indicate.

2. The electrically operated equipment may act according to the user request match, and indicates in the contract; If does not have stated specially, chooses and matches voluntarily by this company.

QBQ940W(H、M、M1)型偏心式半球阀连接尺寸Eccentric half ball valve coupling dimension

| 公称通径 DN (mm) | L | L1 | D | K | d | D1 | f1 | f2 | C | n-do | H | H1 |
|--------------------|-----|-----|-----|-----|-----|-----|-----|-----|----|-------|-----|-----|
| PN6.4MPa(64bar) | | | | | | | | | | | | |
| 32 | 229 | 367 | 155 | 110 | 76 | 66 | 4 | 3 | 24 | 4-22 | 75 | 550 |
| 40 | 241 | 367 | 170 | 125 | 84 | 76 | 4 | 3 | 26 | 4-22 | 85 | 560 |
| 50 | 292 | 555 | 180 | 135 | 99 | 88 | 4 | 3 | 26 | 4-22 | 90 | 580 |
| 65 | 330 | 555 | 205 | 160 | 118 | 110 | 4 | 3 | 26 | 8-22 | 100 | 585 |
| 80 | 356 | 555 | 215 | 170 | 132 | 121 | 4 | 3 | 28 | 8-22 | 115 | 590 |
| 100 | 432 | 691 | 250 | 200 | 156 | 150 | 4.5 | 3.5 | 30 | 8-26 | 130 | 600 |
| 125 | 508 | 691 | 295 | 240 | 184 | 176 | 4.5 | 3.5 | 34 | 8-30 | 155 | 685 |
| 150 | 559 | 705 | 345 | 280 | 211 | 204 | 4.5 | 3.5 | 36 | 8-33 | 180 | 740 |
| 200 | 660 | 705 | 415 | 345 | 284 | 260 | 4.5 | 3.5 | 42 | 12-26 | 215 | 775 |
| 250 | 787 | 733 | 470 | 400 | 345 | 313 | 4.5 | 3.5 | 46 | 12-36 | 245 | 860 |
| 300 | 838 | 938 | 530 | 460 | 409 | 364 | 4.5 | 3.5 | 52 | 16-36 | 280 | 890 |
| PN10.0MPa(100bar) | | | | | | | | | | | | |
| 32 | 229 | 367 | 155 | 110 | 76 | 66 | 4 | 3 | 24 | 4-22 | 75 | 550 |
| 40 | 241 | 367 | 170 | 125 | 84 | 76 | 4 | 3 | 26 | 4-22 | 85 | 560 |
| 50 | 292 | 555 | 195 | 145 | 99 | 88 | 4 | 3 | 28 | 4-26 | 90 | 580 |
| 65 | 330 | 555 | 220 | 170 | 118 | 110 | 4 | 3 | 30 | 8-26 | 100 | 585 |
| 80 | 356 | 555 | 230 | 180 | 132 | 121 | 4 | 3 | 32 | 8-26 | 115 | 590 |
| 100 | 450 | 691 | 265 | 210 | 156 | 150 | 4.5 | 3.5 | 36 | 8-30 | 130 | 600 |
| 125 | 525 | 691 | 315 | 250 | 184 | 176 | 4.5 | 3.5 | 40 | 8-33 | 155 | 685 |
| 150 | 565 | 705 | 355 | 290 | 211 | 204 | 4.5 | 3.5 | 44 | 12-33 | 180 | 740 |
| 200 | 660 | 705 | 430 | 360 | 284 | 260 | 4.5 | 3.5 | 52 | 12-36 | 215 | 770 |

注：1、本产品法兰密封面形式按GB/T9113.2-2000的规定，当用户法兰密封面形式与表中规定不同时，应在供货合同中注明；

2、电动装置可根据用户要求选配，并在合同中注明；如无特别声明，由本公司自行选配。

Note: 1. This product flange packing surface form according to GB/T9113.1-2000 stipulation, when in the user flange packing surface form and the table stipulates is different, should in the supply agreement indicate.

2. The electrically operated equipment may act according to the user request match, and indicates in the contract; If does not have stated specially, chooses and matches voluntarily by this company.