

产品集锦



日茂泵阀

冶金系列

Metallurgical series



大口径刀型闸阀
Large diameter knife gate valve



电动刀型闸阀
Electric knife gate valve



气动插板阀
Pneumatic flapper valve



链轮梅花刀型闸阀
Sprocket plum blossom knife gate valve



气动带手动刀型闸阀
Pneumatic with manual knife gate valve



矿浆阀
Slurry valve



电动浆液阀
Electric Slurry valve



手动浆液阀
Manual Slurry valve



螺旋闸门
Screw gate



加长刀闸阀
Extended knife gate valve

PRODUCT HIGHLIGHTS

Rimao Pump Valve

冶金系列

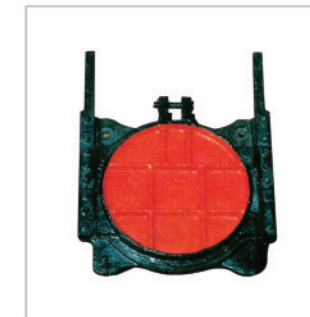
Metallurgical series



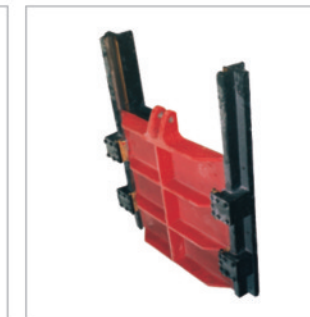
气动陶瓷双闸板阀
Pneumatic ceramic double gate valve



气动陶瓷双闸板阀
Pneumatic ceramic double gate valve



圆闸门
Round gate



铸铁镶铜方闸阀
Cast iron inlaid copper square gate valve



陶瓷摇摆旋转阀
Ceramic swing rotary valve



气动陶瓷双闸板阀
Pneumatic ceramic double gate valve



螺旋闸门
Screw gate



电动启闭机
Electric hoist



摆动陶瓷进料阀
Swing ceramic feed valve



气动圆顶阀
Pneumatic dome valve

通用系列 Universal series



手动闸阀
Manual gate valve



气动闸阀
Pneumatic gate valve



电动闸阀
Electric gate valve



气动截止阀
Pneumatic globe valve



电动截止阀
Electric globe valve



升降式止回阀
Lift check valve



旋启式止回阀
Swing check valve



手动截止阀
Manual globe valve



手动浮动球阀
Manual floating ball valve



手动固定球阀
Manually fixed ball valve

通用系列 Universal series



气动固定球阀
Pneumatic fixed ball valve



电动浮动球阀
Electric floating ball valve



气动浮动球阀
Pneumatic floating ball valve



电动固定球阀
Electric fixed ball valve



气动对夹蝶阀
Pneumatic wafer butterfly valve



气动法兰蝶阀
Pneumatic flange butterfly valve



手动对夹蝶阀
Manual wafer butterfly valve



手动法兰蝶阀
Manual flange butterfly valve



电动对夹蝶阀
Electric wafer butterfly valve



电动法兰蝶阀
Electric flange butterfly valve

Features

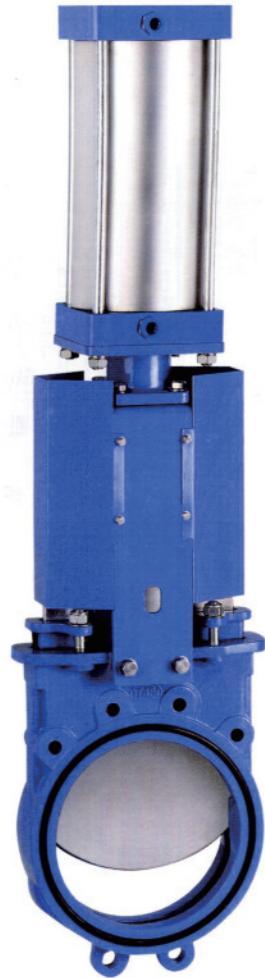
产品特点

- ▲ 一体式刀闸阀双向密封，零泄漏，承受高压差和全通径，可达到最大流量的阀门。
- ▲ 无凹槽阀座设计，防止介质在密封面聚积，避免因介质聚积造成密封面漏水或闸板卡阻现象。
- ▲ 精密铸造整体式结构阀体。
- ▲ 弹性阀座U形设计，嵌入到阀体内部与闸板相互吻合，闸板上下运动，摩擦力小，大大延长了阀座使用寿命，并且达到双向密封。
- ▲ 橡胶O形圈嵌入法兰凹槽内，阀门与管路连接安装方便，密封可靠。
- ▲ 产品广泛用于城市污水处理、造纸、矿山排渣这些领域。
- ▲ One-piece knife gate valve has two-way sealing, zero leakage, withstands high pressure difference and full bore, and can reach the maximum flow valve.
- ▲ The design of the non-groove valve seat prevents the accumulation of medium on the sealing surface, and avoids the leakage of the sealing surface or the jamming of the gate due to the accumulation of the medium.
- ▲ Precision casting integral structure valve body.
- ▲ The U-shaped design of the elastic valve seat is embedded in the valve body to match the gate plate. The gate plate moves up and down with low friction, which greatly prolongs the service life of the valve seat and achieves two-way sealing.
- ▲ The rubber O-ring is embedded in the groove of the flange, the valve and the pipeline are connected and installed easily, and the sealing is reliable.
- ▲ The products are widely used in the fields of urban sewage treatment, papermaking, and mine slag discharge.

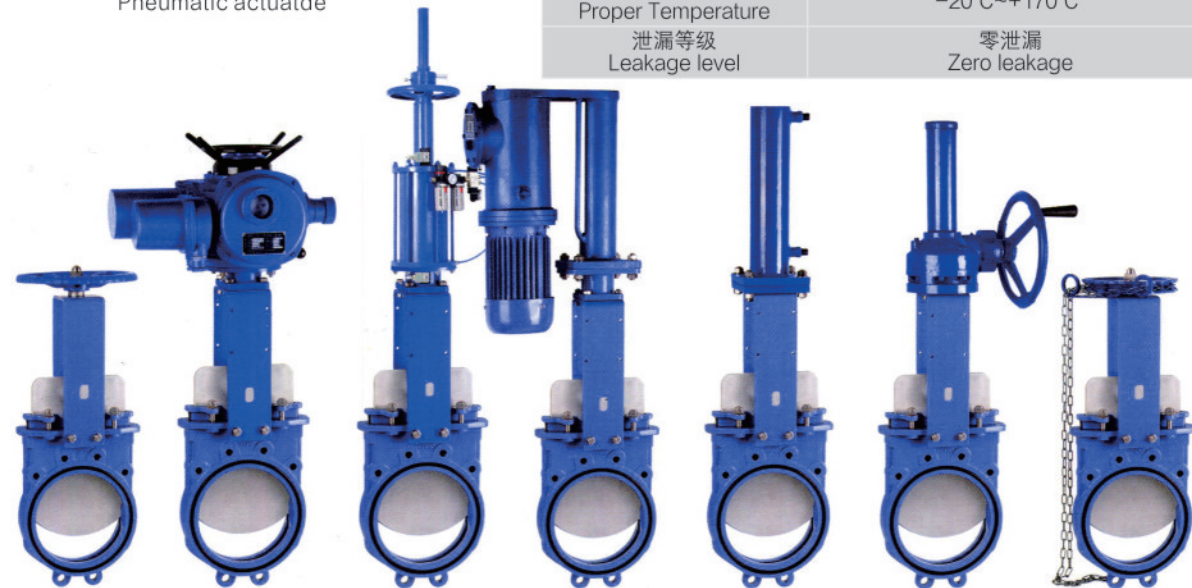
Technical Parameters

技术参数

公称通径 Nominal diameter	DN50~1200 2"~48"		
压力等级 Pressure Level	0.6MPa, 1.0MPa, 1.6MPa, 2.5MPa		
	ASME CLASS150	DN50~250	10Bar
适用温度 Proper Temperature		DN300~400	6Bar
		DN450	5Bar
		DN500~600	4Bar
		DN700~1200	2Bar
泄漏等级 Leakage level	零泄漏 Zero leakage		



气动
Pneumatic actuated



手动
Handle Wheel
Knife Gate Valve

电动
Electric actuated
Knife Gate Valve

手、气动双用
Manual & Pneumatic
Knife Gate Valve

电液动
Electric hydraulic
Knife Gate Valve

液动
Hydraulic
Knife Gate Valve

伞齿轮
Bevel Gear
Knife Gate Valve

链轮
Chain actuated
Knife Gate Valve

Features

产品特点

- ▲ 密封面采用高档增韧结构陶瓷，有极高的耐磨损、耐腐蚀性能。
- ▲ 刀闸阀是由狭窄的阀体和滑动闸板构成。
- ▲ 闸板有锋利的刀口能够将流体介质中的固体颗粒排开或切割。
- ▲ 闸板表面抛光处理加强了闸板穿透力，有效保护了填料和阀座的使用寿命。
- ▲ 阀体底部配置了闸板压紧装置，能够安全地将闸板支撑压紧在阀座上，确保关闭紧密有效。
- ▲ 产品广泛用于煤灰、炉渣、水泥浆、电力、化工、钢铁、采矿等行业。
- ▲ The sealing surface adopts high-grade toughened structural ceramics, which has extremely high wear resistance and corrosion resistance.
- ▲ The knife gate valve is composed of a narrow valve body and a sliding gate.
- ▲ The ram has a sharp knife edge that can discharge or cut solid particles in the fluid medium.
- ▲ The surface polishing treatment of the gate enhances the penetrating power of the gate, and effectively protects the service life of the packing and valve seat.
- ▲ The bottom of the valve body is equipped with a gate pressing device, which can safely press the gate support on the valve seat to ensure a tight and effective closing.
- ▲ The products are widely used in coal ash, slag, cement slurry, electric power, chemical industry, steel, mining and other industries.

Technical Parameters

技术参数

公称通径 Nominal diameter	DN50~600 2"~24"		
压力等级 Pressure Level	0.6MPa, 1.0MPa, 1.6MPa, 2.5MPa		
	ASME CLASS150	DN50~250	10Bar
适用温度 Proper Temperature		DN300~400	6Bar
		DN450	5Bar
		DN500~600	4Bar
泄漏等级 Leakage level	高40m/min/in陶瓷密封 High 40m/min/in ceramic seal		



液动
Hydraulic
Knife Gate Valve



手动
Handle Wheel
Knife Gate Valve

电动
Electric actuated
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Features

产品特点

- ▲刀闸阀是由狭窄的阀体和滑动闸板构成。
- ▲闸板有锋利的刀口，能够将流体介质中的固体颗粒排开或切割。
- ▲闸板表面抛光处理加强了闸板穿透力，有效保护了填料和阀座的使用寿命。
- ▲阀体底部配置了闸板压紧装置，能够安全地将闸板支撑压紧在阀座上，确保关闭紧密有效。
- ▲产品广泛用于造纸、水处理、电力、化工、钢铁、采矿等行业。

- ▲The knife gate valve is composed of a narrow valve body and a sliding gate.
- ▲The gate has a sharp knife edge, which can discharge or cut solid particles in the fluid medium.
- ▲The surface polishing treatment of the gate enhances the penetrating power of the gate and effectively protects the service life of the packing and valve seat.
- ▲The bottom of the valve body is equipped with a gate pressing device, which can safely press the gate support on the valve seat to ensure a tight and effective closing.
- ▲The products are widely used in papermaking, water treatment, electric power, chemical, steel, mining and other industries.

Technical Parameters

技术参数

公称口径 Nominal diameter	DN50~1200 2"~48"		
压力等级 Pressure Level	ASME CLASS150	DN50~250 DN300~400 DN450 DN500~600 DN700~1200	10Bar 6Bar 5Bar 4Bar 2Bar
适用温度 proper temperature	-60°C~+1100°C		
泄漏等级 Leakage level	最高40m/min/in金属密封阀座 最高0ml/min/in PTFE 密封阀座 最高0m/min/in橡胶密封阀座 highest40m/min/inMetal Sealed valve seat highest0ml/min/in PTFE Sealed valve seat highest0m/min/inRubber Sealed valve seat		



伞齿轮
Bevel Gear
Knife Gate Valve

Features

产品特点

- ▲全封闭式刀闸阀，闸板埋在阀体内腔，完全与外界环境隔绝，阀盖上设有圆形填料桶，能有效的避免流体介质外泄漏。
- ▲闸板上端和阀体底部配置了闸板压紧装置，由阀杆垂直推力转换成侧向力来实现闸板贴紧阀座形成有效密封。
- ▲本产品特别适用于开启关闭频繁，环保要求较高的食品、酿造、煤炭液化、污水处理、化工、钢铁等工业部门的自动控制系统中。

- ▲Fully enclosed knife gate valve, the gate is buried in the inner cavity of the valve, completely isolated from the external environment, and a round packing bucket is set on the valve cover, which can effectively avoid the leakage of fluid medium.
- ▲The upper part of the gate and the bottom of the valve body are equipped with a gate pressing device, which converts the vertical thrust of the valve stem into a lateral force to realize the gate close to the valve seat to form an effective seal.
- ▲This product is especially suitable for the automatic control system of food, brewing, coal liquefaction, sewage treatment, chemical industry, steel and other industrial sectors with frequent opening and closing and high environmental protection requirements.

Technical Parameters

技术参数

公称口径 Nominal diameter	DN50~1600 2"~64"		
压力等级 Pressure Level	ASME CLASS150	DN50~250 DN300~400 DN450 DN500~600 DN700~1600	10Bar 6Bar 5Bar 4Bar 2Bar
适用温度 proper temperature	-60°C~+1100°C		
泄漏等级 Leakage level	最高40m/min/in金属密封阀座 最高0ml/min/in PTFE 密封阀座 最高0m/min/in橡胶密封阀座 highest40m/min/inMetal Sealed valve seat highest0ml/min/in PTFE Sealed valve seat highest0m/min/inRubber Sealed valve seat		



手动
Handle Wheel
Knife Gate Valve



手动
Handle Wheel
Knife Gate Valve

电动
Electric actuated
Knife Gate Valve

气动
Pneumatic
Knife Gate Valve

手、气动两用
Manual & Pneumatic
Knife Gate Valve

电液动
Electric hydraulic
Knife Gate Valve

伞齿轮
Bevel Gear
Knife Gate Valve

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Knife Gate Valve

Features

产品特点

- ▲双向密封，带两个阀座密封圈，此闸板更长且底部伸出阀体，需要两个密封填料装置。
- ▲闸板形成一个孔状通道，其作用是，闸板开启时，介质能全部流走，没有滞留，闸板关闭时能完全密封。
- ▲在介质浓度较高条件下，也能保持阀座密封，由于没有滞留区，闸板底部无介质堆积。
- ▲该产品适用于制糖，化学设备(干燥器、反应器)的装卸和造纸厂的浆料出口处，用于回收混有大量杂质的旧纸张。
- ▲Two-way sealing, with two valve seat seals. The gate is longer and the bottom extends out of the valve body. Two sealing packing devices are required.
- ▲The gate forms a hole-like path, its function is that when the gate is opened, the medium can all flow away without stagnation, and it can be completely sealed when the gate is closed.
- ▲Under the condition of high medium concentration, the valve seat can be kept sealed. Since there is no stagnation area, there is no medium accumulation at the bottom of the gate.
- ▲This product is suitable for the loading and unloading of sugar, chemical equipment (dryers, reactors) and the pulp outlet of paper mills, and is used to recover old paper mixed with a large amount of impurities.

Technical Parameters

技术参数

公称口径 Nominal diameter	DN50~600 2"~24"		
压力等级 Pressure Level	0.6MPa, 1.0MPa, 1.6MPa, 2.5MPa		
	ASME CLASS150	DN50~250	10Bar
		DN300~400	6Bar
		DN450 DN500~600	5Bar 4Bar
适用温度 proper temperature	-60°C~+1100°C		
泄漏等级 Leakage level	最高40m/min/in金属密封阀座 最高0ml/min/in PTFE密封阀座 最高0m/min/in橡胶密封阀座		



气动
Pneumatic
Knife Gate Valve



手动
Handle Wheel
Knife Gate Valve

电动
Electric actuated
Knife Gate Valve

手、气动双用
Manual & Pneumatic
Knife Gate Valve

电液动
Electric hydraulic
Knife Gate Valve

液动
Hydraulic
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伞齿轮
Bevel Gear
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Chain actuated
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Features

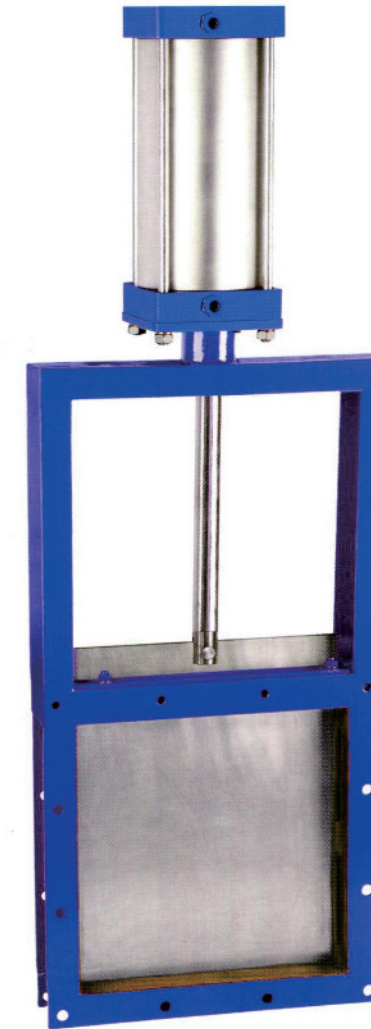
产品特点

- ▲结构和标准刀闸阀相似。
- ▲阀体成方形或长方形。
- ▲驱动装置、探测仪及附件和标准刀闸阀相同。
- ▲外杆密封系列。
- ▲方形法兰连接。
- ▲The structure is similar to the standard knife gate valve.
- ▲The valve body is square or rectangular.
- ▲The drive device, detector and accessories are the same as the standard knife gate valve.
- ▲Outer rod seal series.
- ▲Square flange connection.

Technical Parameters

技术参数

公称口径 Nominal diameter	DN200x200~DN1000x1000 8"x8"~40"x40"
压力等级 Pressure Level	0.6MPa, 1.0MPa, 1.6MPa
适用温度 proper temperature	-20°C~+200°C
主体材料 Body material	Q235A、304、316、304L、316L
密封形式 Sealed form	金属密封阀座 Metal Sealed valve seat
	橡胶密封阀座 Rubber Sealed valve seat



气动
Pneumatic
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电液动
Electric hydraulic
Knife Gate Valve

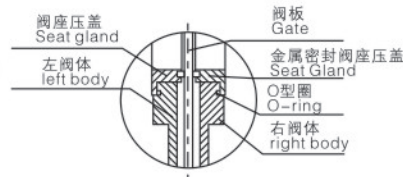
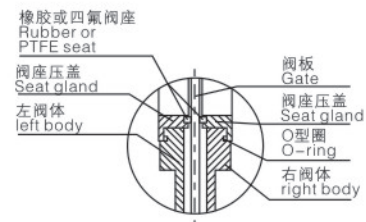
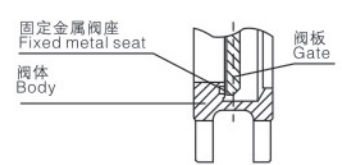
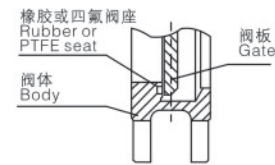
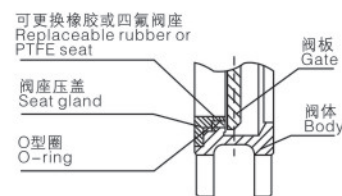
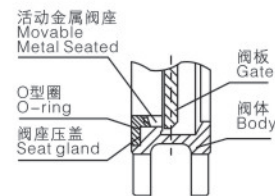
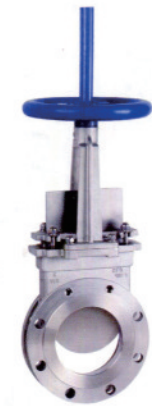
液动
Hydraulic
Knife Gate Valve

伞齿轮
Bevel Gear
Knife Gate Valve

链轮
Chain actuated
Knife Gate Valve

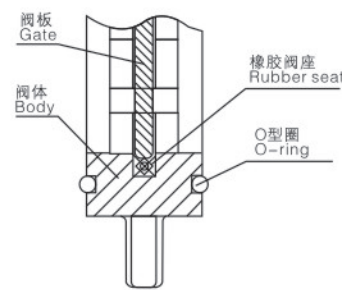
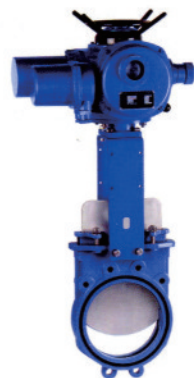
Features
产品特点

- ▲可更换的阀座，阀门维修方便、可靠，能为客户获得经济性。
- ▲多品种材料的阀座，用于不同的流体、固体介质中。
- ▲Replaceable valve seat, valve maintenance is convenient and reliable, and it can be economical for customers.
- ▲Valve seats made of various materials are used in different fluids and solid media.

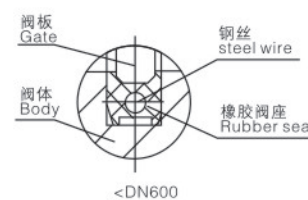
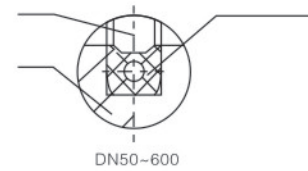


橡胶或四氟阀座
Rubber or PTFE seat

活动金属密封(H、W、Y)结构
Movable metal sealing Structure



双向密封(X)结构
Bi-directional Sealing Structure

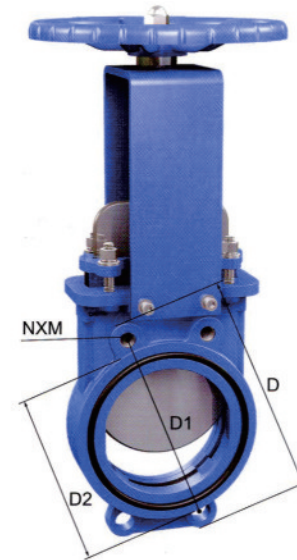


<DN600

Connection size
连接尺寸

0.6MPa

1.0MPa

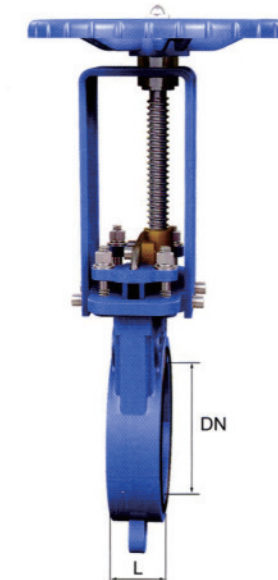


DN	L	法兰连接 Flange connection					
		D	ΦD1	ΦD2	NxM	Φd	
50	2"	48	140	110	88	4xM12	14
65	2 1/2"	48	160	130	108	4xM12	14
80	3"	51	190	150	124	4xM16	18
100	4"	51	210	170	144	4xM16	18
125	5"	57	240	200	174	8xM16	18
150	6"	57	265	225	199	8xM16	18
200	8"	60	320	280	254	8xM16	18
250	10"	70	375	335	309	12xM16	18
300	12"	76	440	395	363	12xM20	22
350	14"	76	490	445	413	12xM20	22
400	16"	89	540	495	463	16xM20	22
450	18"	89	595	550	518	16xM20	22
500	20"	114	645	600	568	20xM20	22
600	24"	114	775	705	667	20xM24	26
700	28"	160	860	810	772	24xM24	26
800	32"	160	975	920	878	24xM27	30
900	36"	203	1075	1020	978	24xM27	30
1000	40"	216	1175	1120	1078	28xM27	30
1200	48"	254	1405	1340	1295	32xM30	33

DN	L	法兰连接 Flange connection					
		D	ΦD1	ΦD2	NxM	Φd	
50	2"	48	165	125	99	4xM16	18
65	2 1/2"	48	185	145	118	4xM16	18
80	3"	51	200	160	132	8xM16	18
100	4"	51	220	180	156	8xM16	18
125	5"	57	250	210	184	8xM16	18
150	6"	57	285	240	211	8xM20	22
200	8"	60	340	295	266	8xM20	22
250	10"	70	395	350	319	12xM20	22
300	12"	76	445	400	370	12xM20	22
350	14"	76	505	460	429	16xM20	22
400	16"	89	565	515	480	16xM24	26
450	18"	89	615	565	530	20xM24	26
500	20"	114	670	620	582	20xM24	26
600	24"	114	780	725	682	20xM27	30
700	28"	160	895	840	794	24xM27	30
800	32"	160	1015	950	901	24xM30	33
900	36"	203	1115	1050	1001	28xM30	33
1000	40"	216	1230	1160	1112	28xM33	36
1200	48"	254	1455	1380	1328	32xM36	39

1.6MPa

ASME CLASS 150

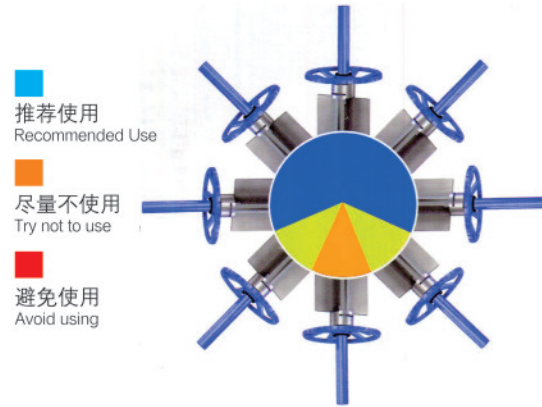


DN	L	法兰连接 Flange connection					
		D	ΦD1	ΦD2	NxM	Φd	
50	2"	48	165	125	99	4xM16	18
65	2 1/2"	48	185	145	118	4xM16	18
80	3"	51	200	160	132	8xM16	18
100	4"	51	220	180	156	8xM16	18
125	5"	57	250	210	184	8xM16	18
150	6"	57	285	240	211	8xM20	22
200	8"	60	340	295	266	12xM20	22
250	10"	70	405	355	319	12xM24	26
300	12"	76	460	410	370	12xM24	26
350	14"	76	520	470	429	16xM24	26
400	16"	89	580	525	480	16xM27	30
450	18"	89	640	585	548	20xM27	30
500	20"	114	715	650	609	20xM30	33
600	24"	114	840	770	720	20xM33	36
700	28"	160	910	840	794	24xM33	36
800	32"	160	1025	950	901	24xM36	39
900	36"	203	1125	1050	1001	28xM36	39
1000	40"	216	1255	1170	1112	28xM39	42
1200	48"	254	1485	1390	1328	32 x M45	48

DN	L	法兰连接 Flange connection				
		D	ΦD1	ΦD2	NxM	
50	2"	48	152	120.5	92	4x5/8"-UNC-φ19-11
65	2 1/2"	48	178	139.5	105	4x5/8"-UNC-φ19-11
80	3"	51	190	152.5	127	4x5/8"-UNC-φ19-11
100	4"	51	229	190.5	157	8x5/8"-UNC-φ19-11
125	5"	57	254	216	186	8x3/4"-UNC-φ22-10
150	6"	57	279	241.5	216	8x3/4"-UNC-φ22-10
200	8"	70	343	298.5	270	8x3/4"-UNC-φ22-10
250	10"	70	406	362	324	12x7/8"UNC-φ25-9
300	12"	76	483	432	381	12x7/8"-UNC-φ25-9
350	14"	76	533	476	413	12x1"-UNC-φ29-8
400	16"	89	597	540	476	16x1"-UNC-φ29-8
450	18"	89	635	578	533	16x1(1/8)"-UNC-φ32-7
500	20"	114	698	635	584	20x1(1/8)"-UNC-φ32-7
600	24"	114	813	749.5	692	20x1(1/4)"-UNC-φ35-7
700	28"	160	927	863.6	800	28x1(1/4)"-UNC-φ35-7
750	30"	160	984	914	857	28x1(1/4)"-UNC-φ35-7
800	32"	160	1060	978	914	28x1(1/2)"-UNC-φ41-6
900	36"	203	1168	1086	1022	32x1(1/2)"-UNC-φ41-6
1000	40"	216	1289	1200	1124	36x1(1/2)"-UNC-φ41-6

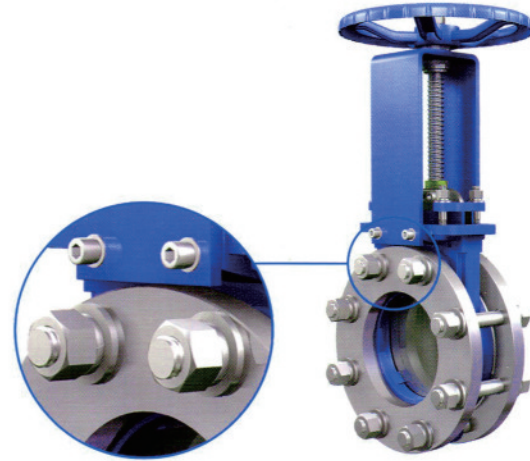
Valve position 阀门位置

- ▲ 阀门可安装在不同方向, 但我们建议用其中最好的几种。
- ▲ The valve can be installed in different directions, but we recommend using the best ones.



Type of installation 安装类型

- ▲ 用双头螺丝+螺帽组合螺栓。
- ▲ Combined bolts with double-head screws + nuts.



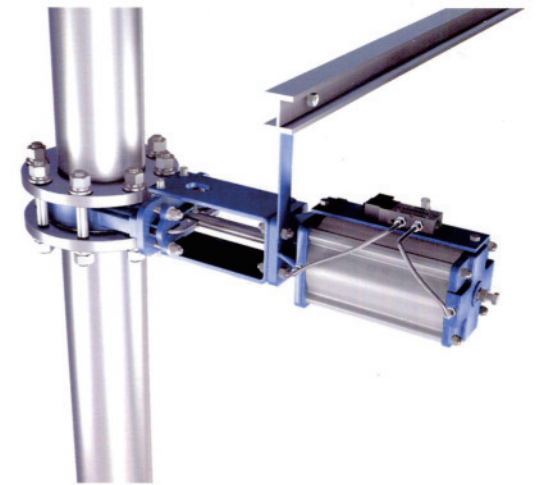
Tighten the packing press block 拧紧填料压块

- ▲ 出厂时, 阀门的填料压块螺栓是松开的。
- ▲ 在使用前, 将压块逐步地并适度的拧紧。
- ▲ When leaving the factory, the packing bolts of the valve are loosened.
- ▲ Before use, tighten the pressure block gradually and moderately.



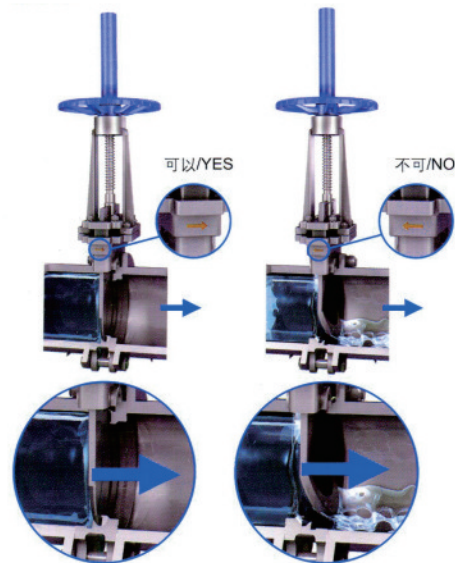
Valve bracket 阀门支架

- ▲ 如操作系统太重(气动头、电动头等), 因横向安装或倾斜安装要设置支架。
- ▲ If the operating system is too heavy (pneumatic head, electric head, etc.), a bracket should be installed due to horizontal or inclined installation.



Installation of one-way sealing knife gate valve 单向密封刀闸阀的安装

- ▲ 阀门只能单向安装. 压力在密封圈上, 请使用者务必按箭头方向安装。(液压应用)
- ▲ The valve can only be installed in one direction. The pressure is on the sealing ring, and the user must install in the direction of the arrow. (Hydraulic application)



欲知气动输送和粉末产品的应用, 请与我们联系。

If you want to know the application of pneumatic conveying and powder products, please contact us.

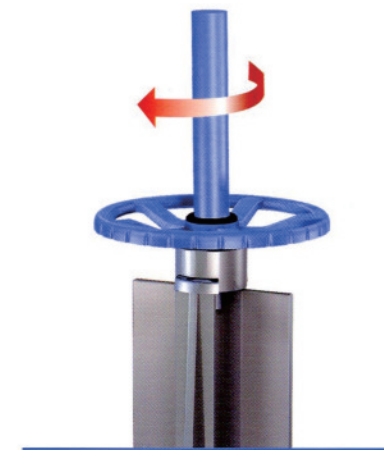
Pipe end installation 管端安装

- ▲ 管道安装时要用对夹连接。
- ▲ Wafer connection should be used for pipe installation.



Stem sleeve 阀杆套管

- ▲ 在第一次安装时, 注意阀杆的保护套管的组件。阀杆上的油脂要保证预留在保护套里, 提供定期的润滑。
- ▲ At the first installation, pay attention to the components of the protective sleeve of the valve stem. The grease on the valve stem must be reserved in the protective sleeve to provide regular lubrication.



lubricating 润滑

- ▲ 假如储存期延长或操作频率较低, 要定期润滑阀门阀杆。
- ▲ If the storage period is extended or the operating frequency is low, the valve stem should be lubricated regularly.

