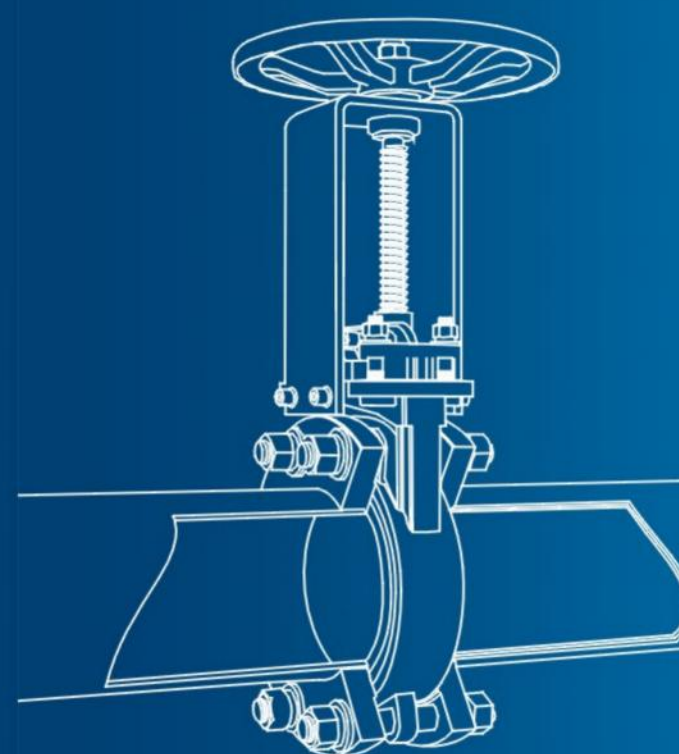


FLUIDO VALVE



GLOBE
FLUIDO



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ABOUT

FLUIDO

QINGDAO FLUIDO Company, established in 1994, is a professional manufacturer and exporter of valves, OEM metal products, and pipe fittings etc., With over 200 clients worldwide, our company has gained a reputation for providing reliable and guaranteed quality products.

Fluido valve products include: knife gate valves, gate valves, slurry valves, gate valves, butterfly valves, ball valves, globe valves, check valves, which are widely used in automatic control systems in such industries as pulp & paper, chemical fiber, petrochemical industry, food, metallurgy, electric power, chemical industry, pharmacy, sewage treatment, mining and deslagging, furnace slag, coal ash, cement paste, mortar, coal slurry, mining and etc. The control valves have been widely used in large-scale papermaking projects in China, their quality winning recognition from users.

Quality is at the core of our manufacturing process. All our partner factories operate under strict ISO 9001 quality management systems, with complete inspection procedures covering chemical composition analysis, dimension checks, pressure testing, and performance testing.

双向密封刀闸阀 / Bi-directional knife gate valve

刀闸阀 / Standard Knife Gate Valve

FLUIDO

產品優點 / Product Benefits:

- 一体式刀闸双向密封，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。
- Knife gate valve is Bi-directional, Zero Leakage, withstanding high differential pressure and full bore valve with minimal seat cavity for maximun flow capacity.
- No groove is designed on the valve seat, which prevents accumulating media on the sealing surface. and thus avoids sealing surface leakage or disc blockage caused by media accumulation.
- The integrated body structure with precision casing.
- U-shaped resilient seat is embeded into the body and is well-connected with the gate, and the friction force is reduced during the upward and downward movements of the gate. This greatly prolongs the using life of the seat and realizes bi-directional sealing.
- The rubber O-ring is embedded into the flange groove, which makes it convenient to connect the valve to pipe and provides reliable sealing.
- knife gate valve is widely used in urban sewage treatment, paper-making, mine slag discharge and the fields alike.

技術參數 / Technical Parameter:

公称通径 /Size	DN50-1200 2"-48"	
压力等级 /Pressure Rating	0.6 Mpa, 1.0 Mpa, 1.6 Mpa, 2.5 Mpa	
	ASME	DN50~250 10 Bar
	CLASS	DN300~400 6 Bar
	150	DN450 5 Bar
		DN500~600 4 Bar
		DN700~1200 2 Bar
适用温度 /Suitable Temperature	-20℃~+170℃	
泄漏等级 /Leakage Class	零泄漏 /Zero Leakage	

產品優點 / Product Benefits:

- 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。
- Knife gate valve is composed of narrow body and sliding Gate
- The gate has sharp blade that can separate or cut the solid particles in the fluid media.
- The polishing treatment on the gate surface strengthens its penetrating power and effectively guarantees the service life of both packing and valve seat.
- The bottom of the valve body is provided with the gate hold-down device that can safely presses the gate tightly on the valve seat in order to ensure valid tight-seal.
- Products are widely used in water treatment, paper-making, Power industry, Chemical industry, Iron and Steel industry, mining and so on.

技術參數 / Technical Parameter:

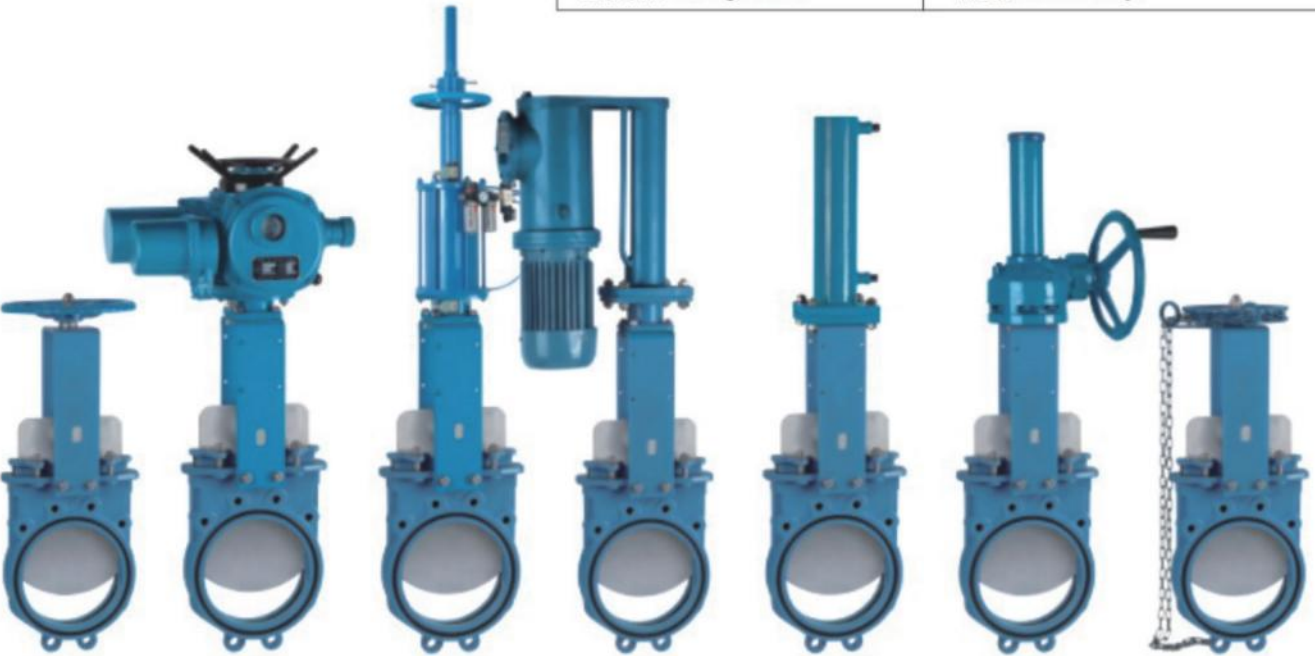
公称通径 /Size	DN50-1200 2"-48"	
压力等级 /Pressure Rating	0.6 Mpa, 1.0 Mpa, 1.6 Mpa, 2.5 Mpa	
	ASME	DN50~250 10 Bar
	CLASS	DN300~400 6 Bar
	150	DN450 5 Bar
		DN500~600 4 Bar
		DN700~1200 2 Bar
适用温度 /Suitable Temperature	-60℃~+1100℃	
泄漏等级 /Leakage Class	最高40ml/min/in 金属密封阀座	Max.40ml/min/in metal seated
	最高0ml/min/in PTFE密封阀座	Max. 0ml/min/in PTFE seated
	最高0ml/min/in 橡胶密封阀座	Max. 0ml/min/in Rubber seated



气动
Pneumatic actuated Knife Gate Valve



电动
Electric actuated 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 Knife Gate Valve
伞齿轮 Bevel Gear Knife Gate Valve
链轮 Chain actuated Knife Gate Valve



手动 Handle Wheel Knife gate valve
气动 Pneumatic 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

產品優點 / Product Benefits:

- 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 uses high-end ceramics with toughened structure which has exceedingly high - wear and corrosion-resistant performances.
- Knife gate valve is composed of narrow body and sliding Gate.
- The gate has sharp blade that can separate or cut the solid particles in the fluid media.
- The polishing treatment on the gate surface strengthens its penetrating power and effectively guarantees the service life of both packing and valve seat.
- The bottom of the valve body is provided with the gate hold-down device that can safely presses the gate tightly on the valve seat in order to ensure effective tight-seal.
- Products are widely used in water treatment, paper-making, Power industry, Chemical industry, Iron and Steel industry, mining and so on.

技術參數 / Technical Parameter:

公称口径 /Size	DN50-600 2"-24"	
压力等级 /Pressure Rating	0.6 Mpa, 1.0 Mpa, 1.6 Mpa, 2.5 Mpa	
	ASME CLASS 150	DN50~250 10 Bar DN300~400 6 Bar DN450 5 Bar DN500~600 4 Bar
适用温度 /Suitable Temperature	-29℃~+200℃	
泄漏等级 /Leakage Class	最高40ml/min/in 陶瓷密封阀座 Max.40ml/min/in metal seated	



液动
Hydraulic Knife Gate Valve

產品優點 / Product Benefits:

- 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。

- Knife gate valve is composed of narrow body and sliding Gate.
- The gate has sharp blade that can separate or cut the solid particles in the fluid media.
- The polishing treatment on the gate surface strengthens its penetrating power and effectively guarantees the service life of both packing and valve seat.
- The bottom of the valve body is provided with the gate hold-down device that can safely presses the gate tightly on the valve seat in order to ensure effective tight-seal.
- Products are widely used in water treatment, paper-making, Power industry, Chemical industry, Iron and Steel industry, mining and so on.

技術參數 / Technical Parameter:

公称口径 /Size	DN50-1200 2"-48"	
压力等级 /Pressure Rating	0.6 Mpa, 1.0 Mpa, 1.6 Mpa, 2.5 Mpa	
	ASME CLASS 150	DN50~250 10 Bar DN300~400 6 Bar DN450 5 Bar DN500~600 4 Bar DN700~1200 2 Bar
适用温度 /Suitable Temperature	-60℃~+1100℃	
泄漏等级 /Leakage Class	最高40ml/min/in 金属密封阀座 Max.40ml/min/in metal seated 最高0ml/min/in PTFE密封阀座 Max. 0ml/min/in PTFE seated 最高0ml/min/in 橡胶密封阀座 Max. 0ml/min/in Rubber seated	



伞齿轮
Bevel Gear Knife Gate Valve



手动
Handle Wheel Knife gate valve

电动
Electric actuated Knife Gate Valve

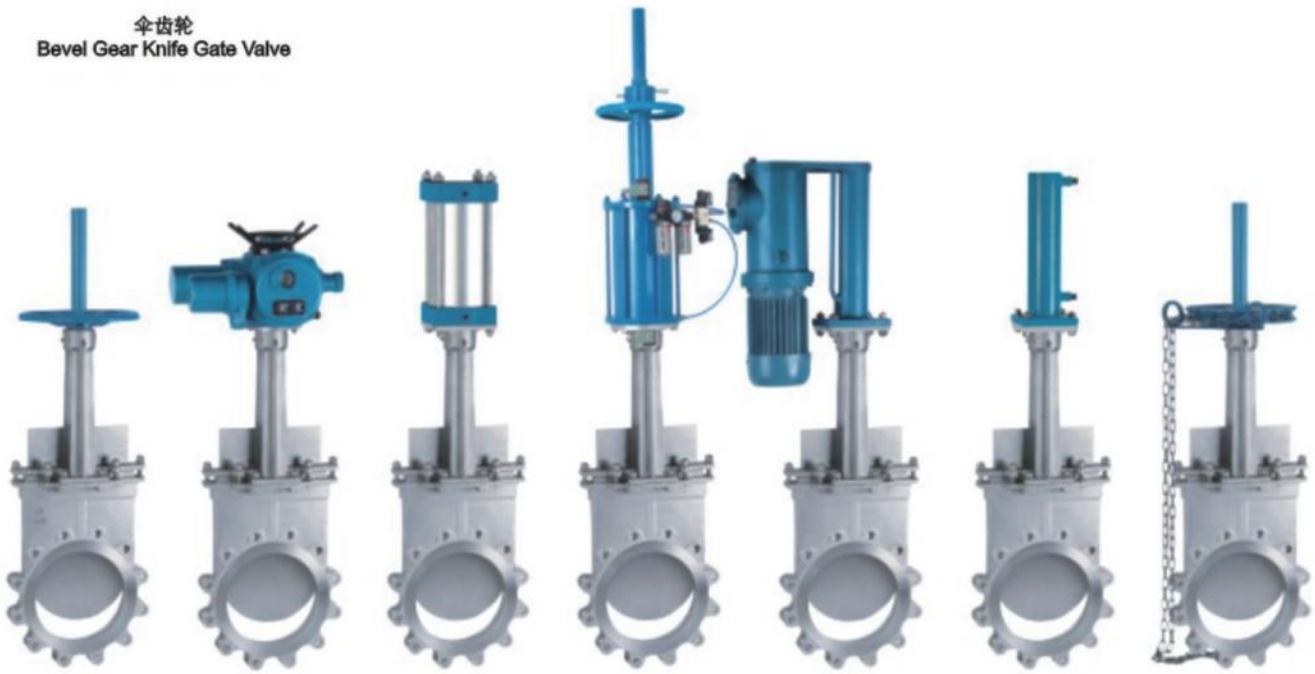
气动
Pneumatic actuated Knife Gate Valve

手、气动双用
Manual & Pneumatic Knife Gate Valve

电液动
Electric hydraulic Knife Gate Valve

伞齿轮
Bevel Gear Knife Gate Valve

链轮
Chain actuated Knife Gate Valve



手动
Handle Wheel Knife gate valve

电动
Electric actuated Knife Gate Valve

气动
Pneumatic 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

链轮
Chain actuated Knife Gate Valve

刀闸阀 / Standard Knife Gate Valve

產品優點 / Product Benefits:

- 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。

- Knife gate valve is composed of narrow body and sliding Gate.
- The gate has sharp blade that can separate or cut the solid particles in the fluid media.
- The polishing treatment on the gate surface strengthens its penetrating power and effectively guarantees the service life of both packing and valve seat.
- The bottom of the valve body is provided with the gate hold-down device that can safely presses the gate tightly on the valve seat in order to ensure effective tight-seal.
- Products are widely used in water treatment, paper-making, Power industry, Chemical industry, Iron and Steel industry, mining and so on.

技術參數 / Technical Parameter:

公称口径 /Size	DN50-1200 2"-48"	
压力等级 /Pressure Rating	0.6 Mpa, 1.0 Mpa, 1.6 Mpa, 2.5 Mpa	
	ASME CLASS 150	DN50~250 10 Bar DN300~400 6 Bar DN450 5 Bar DN500~600 4 Bar DN700~1200 2 Bar
适用温度 /Suitable Temperature	-60℃~+1100℃	
泄漏等级 /Leakage Class	最高40ml/min/in 金属密封阀座	Max.40ml/min/in metal seated
	最高0ml/min/in PTFE密封阀座	Max. 0ml/min/in PTFE seated
	最高0ml/min/in 橡胶密封阀座	Max. 0ml/min/in Rubber seated



电液动
Electric hydraulic Knife Gate Valve



手动
Handle Wheel Knife gate valve

电动
Electric actuated Knife Gate Valve

气动
Pneumatic actuated Knife Gate Valve

手、气动双用
Manual & Pneumatic Knife Gate Valve

液动
Hydraulic Knife Gate Valve

伞齿轮
Bevel Gear Knife Gate Valve

链轮
Chain actuated Knife Gate Valve

带阀盖刀闸阀 / Bolted Bonnet Knife Gate Valve

FLUIDO

產品優點 / Product Benefits:

- 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。

- The gate of the fully closed knife gate valve is embedded inside the valve body, totally isolated from exterior environment. The valve cap is provided with round stuffing box which can effectively avoid the leakage of fluid media.
- Both top part of the gate and bottom part of the valve body are provided with hold-down devices. Effective seal may be achieved by changing the vertical pushing force of the valve rod into lateral force so that the gate presses tightly against the valve seat.
- This product is extremely suitable for being applied in automation control systems that call for frequent startups and shutdowns, and high environment requirements, including food, brewing, coal liquefaction, sewage treatment, petrochemical, steel and other industries.

技術參數 / Technical Parameter:

公称口径 /Size	DN50-1600 2"-64"	
压力等级 /Pressure Rating	0.6 Mpa, 1.0 Mpa, 1.6 Mpa, 2.5 Mpa	
	ASME CLASS 150	DN50~250 10 Bar DN300~400 6 Bar DN450 5 Bar DN500~600 4 Bar DN700~1600 2 Bar
适用温度 /Suitable Temperature	-60℃~+1100℃	
泄漏等级 /Leakage Class	最高40ml/min/in 金属密封阀座	Max.40ml/min/in metal seated
	最高0ml/min/in PTFE密封阀座	Max. 0ml/min/in PTFE seated
	最高0ml/min/in 橡胶密封阀座	Max. 0ml/min/in Rubber seated



手、气动双用
Manual & Pneumatic Knife Gate Valve



手动
Handle Wheel Knife gate valve

电动
Electric actuated Knife Gate Valve

气动
Pneumatic actuated 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

带阀盖刀闸阀 / Bolted Bonnet Knife Gate Valve

產品優點 / Product Benefits:

- 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，由闸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。
- The gate of the fully closed knife gate valve is embedded inside the valve body, totally isolated from exterior environment. The valve cap is provided with round stuffing box which can effectively avoid the leakage of fluid media.
- Both top part of the gate and bottom part of the valve body are provided with hold-down devices. Effective seal may be achieved by changing the vertical pushing force of the valve rod into lateral force so that the gate presses tightly against the valve seat.
- This product is extremely suitable for being applied in automation control systems that call for frequent startups and shutdowns, and high environment requirements, including food, brewing, coal liquefaction, sewage treatment, petrochemical, steel and other industries.

技術參數 / Technical Parameter:

公称通径 /Size	DN50-1600 2"-64"	
压力等级 /Pressure Rating	0.6 Mpa, 1.0 Mpa, 1.6 Mpa, 2.5 Mpa	
	ASME CLASS 150	DN50~250 10 Bar DN300~400 6 Bar DN450 5 Bar DN500~600 4 Bar DN700~1600 2 Bar
适用温度 /Suitable Temperature	-60℃~+1100℃	
泄漏等级 /Leakage Class	最高40ml/min/in 金属密封阀座 最高0ml/min/in PTFE密封阀座 最高0ml/min/in 橡胶密封阀座	Max.40ml/min/in metal seated Max. 0ml/min/in PTFE seated Max. 0ml/min/in Rubber seated



手动
Handle Wheel Knife gate valve



电动
Electric actuated Knife Gate Valve

气动
Pneumatic 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

浆液阀 / Slurry Valve

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產品優點 / Product Benefits:

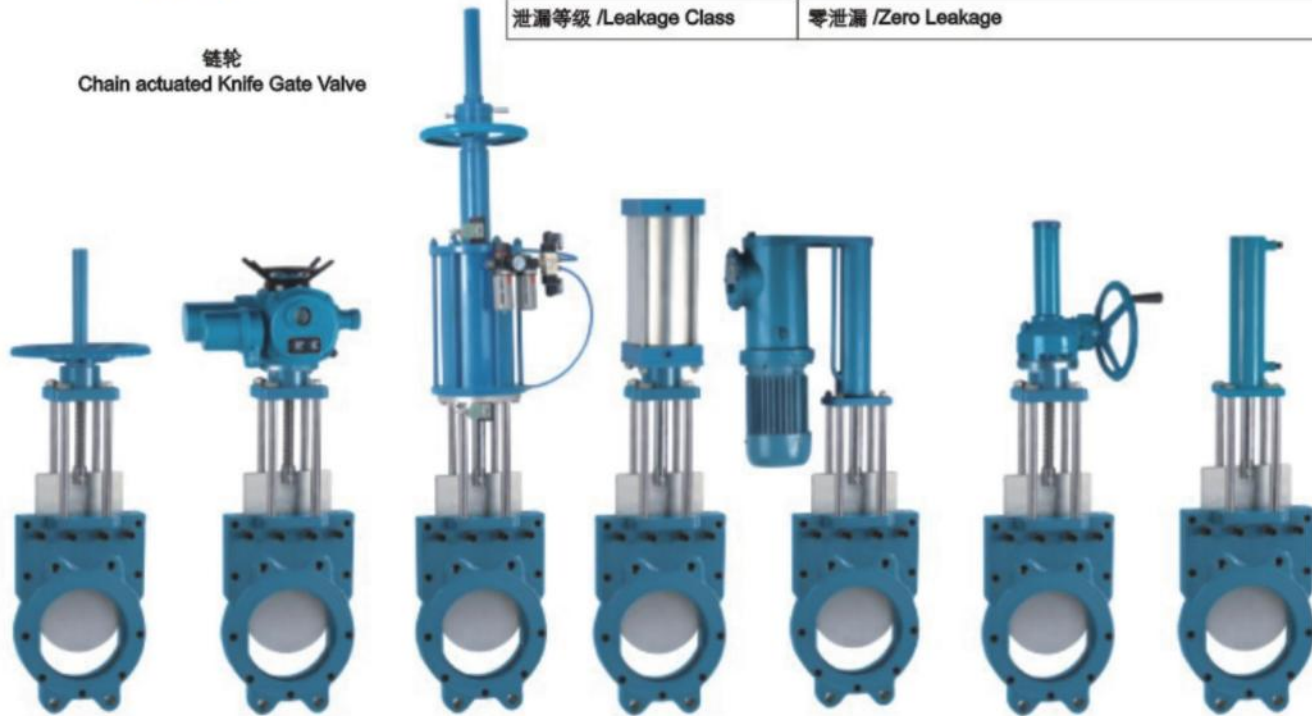
- 基本结构类似于双向密封刀闸阀，不同之处，阀体由两片组合并用螺栓连接形成一体。
 - 双向密封、零泄漏、承受高压差工况使用。
 - 无凹槽阀座设计，防止介质在密封面聚积，避免因介质聚积造成密封面漏水或闸板卡阻现象。
 - 弹性阀座U形设计，嵌入到阀体内部与闸板相互吻合，闸板上下运动，摩擦力小，大大延长了阀座使用寿命，并且达到双向密封。
 - 产品广泛用于城市污水处理、造纸、矿山排渣等领域。
- Basic Structure is similar to bi-directional sealing Knife gate valve, The differences is that body is tow pieces constitution and integrate with bolts.
- Used under conditions of Bi-directional sealing、Zero Leakage and withstanding high differential pressure.
- No groove is designed on the valve seat, which prevents accumulating media on the sealing surface. and thus avoids sealing surface leakage or disc blockage caused by media accumulation.
- U-shaped resilient seat is embeded into the body and is well-connected with the gate, and the friction force is reduced during the upward and downward movements of the gate. This greatly prolongs the using life of the seat and realizes bi-directional sealing.
- Products are widely used in urban sewage treatment, paper-making, mine slag discharge and the fields alike.

技術參數 / Technical Parameter:

公称通径 /Size	DN50-1200 2"-48"	
压力等级 /Pressure Rating	0.6 Mpa, 1.0 Mpa, 1.6 Mpa, 2.5 Mpa	
	ASME CLASS 150	DN50~250 10 Bar DN300~400 6 Bar DN450 5 Bar DN500~600 4 Bar DN700~1200 2 Bar
适用温度 /Suitable Temperature	-20℃~+170℃	
泄漏等级 /Leakage Class	零泄漏 /Zero Leakage	



链轮
Chain actuated 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

气动
Pneumatic actuated Knife Gate Valve

电液动
Electric hydraulic Knife Gate Valve

伞齿轮
Bevel Gear Knife Gate Valve

液动
Hydraulic Knife Gate Valve

刀闸阀（聚胺脂衬里）/ Polyurethane Lining Knife Gate Valve

產品優點 / Product Benefits:

- 介质过流部件整体采用聚脲脂衬里，具备耐磨损、寿命长。
 - 全通径、零泄漏。
 - 填料采用整体模压橡胶体，使上密封实现零泄露。
 - 可更换的整体式聚脲脂衬里和不锈钢闸板，节约了阀门的维护成本。
 - 产品广泛用于矿山排渣、电力、造纸、城市污水处理这些领域。
- The entire media overflow parts generally adopts polyurethane lining which is wear-resistant and has a long service life.
 - Full Port, Zero Leakag .
 - Packing uses one-piece molded rubber to achieve zero leakage in the upper seal.
 - Replaceable one-piece polyurethane lining and stainless steel gate that saves the maintenance cost of the gate.
 - This product is widely used in mine discharge, electric power, paper making, and urban sewage treatment industries.

技術參數 / Technical Parameter:

公称通径 /Size	DN50-600 2"-24"	
压力等级 /Pressure Rating	0.6 Mpa, 1.0 Mpa, 1.6 Mpa	
	ASME CLASS 150	DN50~250 10 Bar DN300~400 6 Bar DN450 5 Bar DN500~600 4 Bar
适用温度 /Suitable Temperature	-20℃~+100℃	
泄漏等级 /Leakage Class	零泄漏 /Zero Leakage	



手动
Handle Wheel Knife gate valve



电动
Electric actuated Knife Gate Valve

气动
Pneumatic 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

矿浆阀 / Slurry Valve

FLUIDO

產品優點 / Product Benefits:

- 嵌入式加强环的橡胶阀座可以保证在恶劣工况下安全使用，具备耐磨损、寿命长。
 - 可更换的橡胶阀座和不锈钢闸板,节约了阀门的维修成本。
 - 产品广泛用于矿渣、砂浆、泥浆、煤浆、造纸、城市污水处理这些领域。
- Rubber valve seat of embedded reinforcing ring may guarantee safe usage under poor working environment. It is wear resistant and has long service life.
 - Replaceable rubber valve seat and stainless steel gate that save the repair cost of the valve.
 - This product is widely used in mine waste, mortar, slurry, coal slurry, paper making and urban sewage treatment industries.

技術參數 / Technical Parameter:

公称通径/Size	DN50-600 2"-24"	
压力等级/Pressure Rating	0.25 Mpa	
	ASME CLASS 150	DN50~600 2.5 Bar
适用温度/Suitable Temperature	-10℃~+120℃	
泄漏等级/Leakage Class	零泄漏（闸板全启或全闭时）/Zero Leakage	



伞齿轮
Bevel Gear 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 Knife Gate Valve

气动
Pneumatic actuated Knife Gate Valve

链轮
Chain actuated Knife Gate Valve

穿透式刀闸阀 / Through conduit knife gate valve

產品優點 / Product Benefits:

- 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 seal rings on the valve seat, this gate is longer and the bottom extends out of the valve body and requires two packing glands.
- The gate forms a cavernous Port whose role is that when the gate opens, medium may flow away completely without any detention; when the gate closes, it may be completely sealed.
- When the media are of high concentration, it may also keep the valve seat sealed. As there is no detention area, the bottom of the gate without medium accumulation.
- This product is suitable for the loading and unloading of sugar-making and chemical equipment (dryer and reactor) and the outlet of sizing agent in paper making plants. It may also be used for the recycling of old paper mingled with a large amount of impurities.

技術參數 / Technical Parameter:

公称口径 / Size	DN50-600 2"~24"	
压力等级 / Pressure Rating	0.6 Mpa, 1.0 Mpa, 1.6 Mpa, 2.5 Mpa	
	ASME	DN50~250 10 Bar
	CLASS 150	DN300~400 6 Bar
适用温度 / Suitable Temperature	-60℃~+1100℃	
	最高40ml/min/in 金属密封阀座 Max.40ml/min/in metal seated	
泄漏等级 / Leakage Class	最高0ml/min/in PTFE密封阀座 Max. 0ml/min/in PTFE seated	
	橡胶密封阀座 / Rubber seated	



气动
Pneumatic actuated 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 Knife Gate Valve
伞齿轮 Bevel Gear Knife Gate Valve
链轮 Chain actuated Knife Gate Valve

方形闸门 \ Square knife gate valve

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產品優點 / Product Benefits:

- 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。
- Same construction as standard knife gate valve.
- Body and gate in rectangular valve shape.
- Same actuators and accessories as standard.
- Rising stem tight model.
- Square flange ends.

技術參數 / Technical Parameter:

公称口径 / Size	DN200 × 200.....DN1000 × 1000 8" × 8".....40" × 40"
压力等级 / Pressure Rating	0.6 Mpa, 1.0 Mpa, 1.6 Mpa
适用温度 / Suitable Temperature	-20℃~+200℃
主体材料 / Main Material	Q235A, 304, 316, 304L, 316L
密封形式 / Seal Type	金属密封阀座 / Metal Seated
	橡胶密封阀座 / Rubber Seated



气动
Pneumatic actuated 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 Knife Gate Valve
伞齿轮 Bevel Gear Knife Gate Valve
链轮 Chain actuated Knife Gate Valve

產品優點 / Product Benefits:

- 温州恒隆阀门生产全系列控制阀产品包含了：闸阀、刀闸阀、球阀、截止阀、止回阀、蝶阀。其产品应用于造纸、制药、电力、环保、石化、化工、等工业领域。
- The whole range of control valve products of Wenzhou Henglong Valve includes: gate valves, knife gate valves, ball valves, stop valves, check valves, and butterfly valve. Its products are used in paper-making, pharmaceutical, power, environment protection, petrochemical, chemical industries and so on.

技術參數 / Technical Parameter:

公称通径/Size	DN25 ~ 1000 1" ~ 40"
压力等级/Pressure Rating	PN10 ~ PN260 ANSI150 ~ 1500LB
适用温度/Suitable Temperature	-40℃ ~ +1100℃
阀体材质/Body Material	碳钢、不锈钢 / Carbon steel, Stainless Steel



V 型球阀 / V Type Ball Valve



止回阀 / Check Valve



截止阀 / Globe Valve



闸阀 / Gate Valve



O型球阀 / O Type Ball Valve



蝶阀 / Butterfly Valve



閥體 / Body

铸铁 / Cast Iron	HT250	GG25
球墨铸铁 / Ductile Iron	QT400-18	GGG40
不锈钢 / Stainless Steel	06Cr19Ni10	AISI 304
不锈钢 / Stainless Steel	06Cr25Ni20	AISI 310
不锈钢 / Stainless Steel	06Cr17Ni12Mo2	AISI 316
铸钢 / Cast steel	WCB	ASTM A216 WCB

閘板 / Gate

不锈钢 / Stainless Steel	06Cr19Ni10	AISI 304
不锈钢 / Stainless Steel	06Cr25Ni20	AISI 310
不锈钢 / Stainless Steel	06Cr17Ni12Mo2	AISI 316

閥座 / Seat and O-ring

金屬 / Metal
丁晴 / Nitril
乙丙胶 / EPDM
硅胶 / Silicone
白色硅胶/White Silicone
聚四氟乙烯 / PTFE

填料壓塊 / Packing

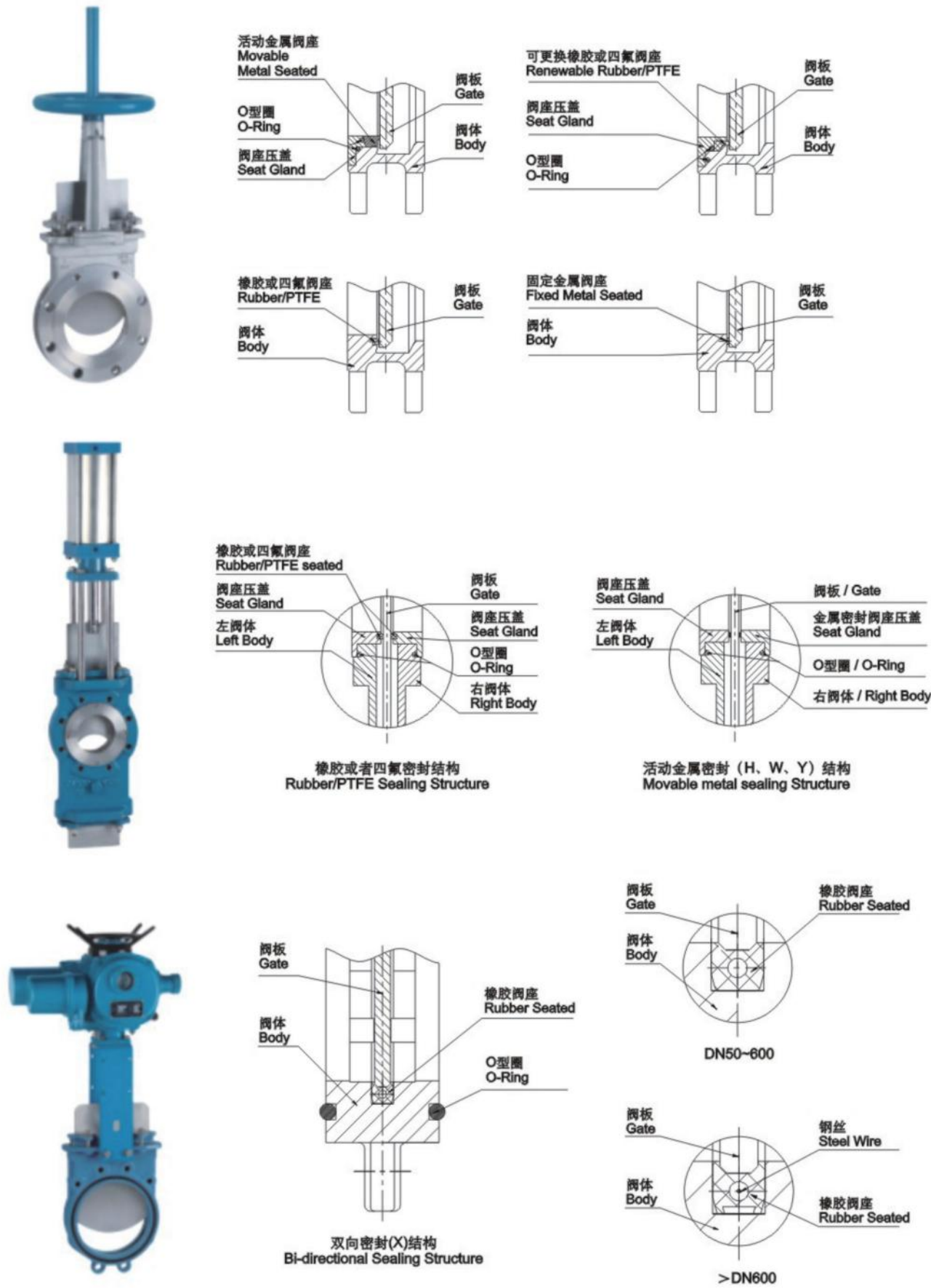
棉浸动物油 / Tallowed cotton
特氟隆丙烯酸酯 / Tefloned acrylic
聚四氟乙烯 / PTFE
石墨 / Graphite
高温 / Very high temperature

標準配置 / Standard construction

閥體 Body	球墨铸铁 QT400-18 Ductile Iron QT400-18	不锈钢 06Cr17Ni12Mo2 Stainless Steel 06Cr17Ni12Mo2
閘板 Gate	不锈钢 06Cr19Ni10 Stainless Steel 06Cr19Ni10	不锈钢 06Cr17Ni12Mo2 Stainless Steel 06Cr17Ni12Mo2
閥座 Seat	丁晴 Nitril	三元乙丙胶 / EPDM
填料 Packing	棉浸动物油 Tallowed cotton	棉浸动物油 Tallowed cotton

阀座结构 / Seat Structure

- 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。
- Renewable Seat, Easy maintenance and Reliability are economic acquisition for customers.
- Multi-Seat material can be used in different fluids and solid media.



刀闸阀法兰连接尺寸示意图
 Knife Gate Valve Flange connection diameter chart

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法兰尺寸/ Size Of Flange GB/T9113.1 0.6Mpa

DN	L	法兰连接 / Flange Connection					
		D	φ D1	φ D2	N × M	φ d	
mm	Inch	mm	mm	mm	mm	mm	
50	2"	48	140	110	88	4 × M12	14
65	2(1/2)"	48	160	130	108	4 × M12	14
80	3"	51	190	150	124	4 × M16	18
100	4"	51	210	170	144	4 × M16	18
125	5"	57	240	200	174	8 × M16	18
150	6"	57	265	225	199	8 × M16	18
200	8"	70	320	280	254	8 × M16	18
250	10"	70	375	335	309	12 × M16	18
300	12"	76	440	395	363	12 × M20	22
350	14"	76	490	445	413	12 × M20	22
400	16"	89	540	495	463	16 × M20	22
450	18"	89	595	550	518	16 × M20	22
500	20"	114	645	600	568	20 × M20	22
600	24"	114	775	705	667	20 × M24	26
700	28"	165	860	810	772	24 × M24	26
800	32"	165	975	920	878	24 × M27	30
900	36"	203	1075	1020	978	24 × M27	30
1000	40"	216	1175	1120	1078	28 × M27	30
1200	48"	254	1405	1340	1295	32 × M30	33

法兰尺寸/ Size Of Flange GB/T9113.1 1.0Mpa

DN	L	法兰连接 / Flange Connection					
		D	φ D1	φ D2	N × M	φ d	
mm	Inch	mm	mm	mm	mm	mm	
50	2"	48	165	125	99	4 × M16	18
65	2(1/2)"	48	185	145	118	4 × M16	18
80	3"	51	200	160	132	8 × M16	18
100	4"	51	220	180	156	8 × M16	18
125	5"	57	250	210	184	8 × M16	18
150	6"	57	285	240	211	8 × M20	22
200	8"	70	340	295	266	8 × M20	22
250	10"	70	395	350	319	12 × M20	22
300	12"	76	445	400	370	12 × M20	22
350	14"	76	505	460	429	16 × M20	22
400	16"	89	565	515	480	16 × M24	26
450	18"	89	615	565	530	20 × M24	26
500	20"	114	670	620	582	20 × M24	26
600	24"	114	780	725	682	20 × M27	30
700	28"	165	895	840	794	24 × M27	30
800	32"	165	1015	950	901	24 × M30	33
900	36"	203	1115	1050	1001	28 × M30	33
1000	40"	216	1230	1160	1112	28 × M33	36
1200	48"	254	1455	1380	1328	32 × M36	39

法兰尺寸/ Size Of Flange GB/T9113.1 1.6Mpa

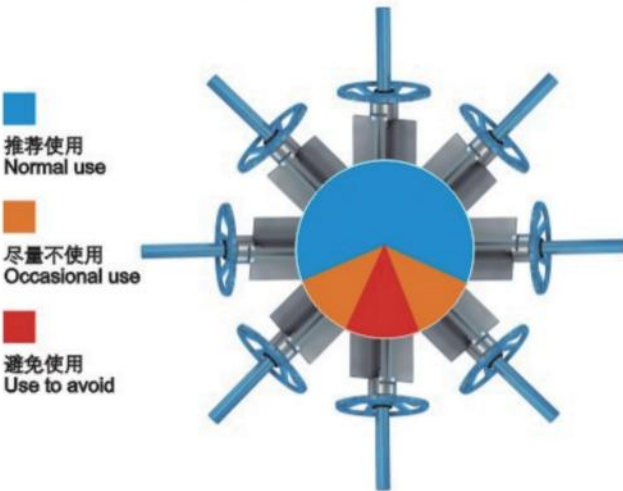
DN	L	法兰连接 / Flange Connection					
		D	φ D1	φ D2	N × M	φ d	
mm	Inch	mm	mm	mm	mm	mm	
50	2"	48	165	125	99	4 × M16	18
65	2(1/2)"	48	185	145	118	4 × M16	18
80	3"	51	200	160	132	8 × M16	18
100	4"	51	220	180	156	8 × M16	18
125	5"	57	250	210	184	8 × M16	18
150	6"	57	285	240	211	8 × M20	22
200	8"	70	340	295	266	12 × M20	22
250	10"	70	405	355	319	12 × M24	26
300	12"	76	460	410	370	12 × M24	26
350	14"	76	520	470	429	16 × M24	26
400	16"	89	580	525	480	16 × M27	30
450	18"	89	640	585	548	20 × M27	30
500	20"	114	715	650	609	20 × M30	33
600	24"	114	840	770	720	20 × M33	36
700	28"	165	910	840	794	24 × M33	36
800	32"	165	1025	950	901	24 × M36	39
900	36"	203	1125	1050	1001	28 × M36	39
1000	40"	216	1255	1170	1112	28 × M39	42
1200	48"	254	1485	1390	1328	32 × M45	48

法兰尺寸/ Size Of Flange ASME CLASS 150

DN	L	法兰连接 / Flange Connection			
		D	φ D1	φ D2	N × M
mm	Inch	mm	mm	mm	Inch
50	2"	48	152	120.5	92 4 × 5/8"-UNC
65	2(1/2)"	48	178	139.5	105 4 × 5/8"-UNC
80	3"	51	190	152.5	127 4 × 5/8"-UNC
100	4"	51	229	190.5	157 8 × 5/8"-UNC
125	5"	57	254	216	186 8 × 3/4"-UNC
150	6"	57	279	241.5	216 8 × 3/4"-UNC
200	8"	70	343	298.5	270 8 × 3/4"-UNC
250	10"	70	406	362	324 12 × 7/8"-UNC
300	12"	76	483	432	381 12 × 7/8"-UNC
350	14"	76	533	476	413 12 × 1"-UNC
400	16"	89	597	540	476 16 × 1"-UNC
450	18"	89	635	578	533 16 × 1(1/8)"-UNC
500	20"	114	698	635	584 20 × 1(1/8)"-UNC
600	24"	114	813	749.5	692 20 × 1(1/4)"-UNC
700	28"	165	927	863.6	800 28 × 1(1/4)"-UNC
750	30"	165	984	914	857 28 × 1(1/4)"-UNC
800	32"	165	1060	978	914 28 × 1(1/2)"-UNC
900	36"	203	1168	1086	1022 32 × 1(1/2)"-UNC
1000	40"	216	1289	1200	1124 36 × 1(1/2)"-UNC

閥門位置 / Valve position:

- 閥門可安裝在不同方向，但我們建議用其中最好的幾種。
- The valve can be assembled in any position however, we recommend suitable position.



安裝類型 / Assembling type

- 用雙頭螺絲+螺帽組合螺栓
- With screws+nuts and bolts set.



擰緊填料壓塊 / Tight the packing gland

- 出廠時，閥門的填料壓塊螺栓是鬆開的。
- 在使用前，將壓塊逐步地並適度的拧紧。
- The valves are always delivered with the loosened packing gland .
- Before any use, tighten the gland gradually and moderately.



閥門支架 / Valve support

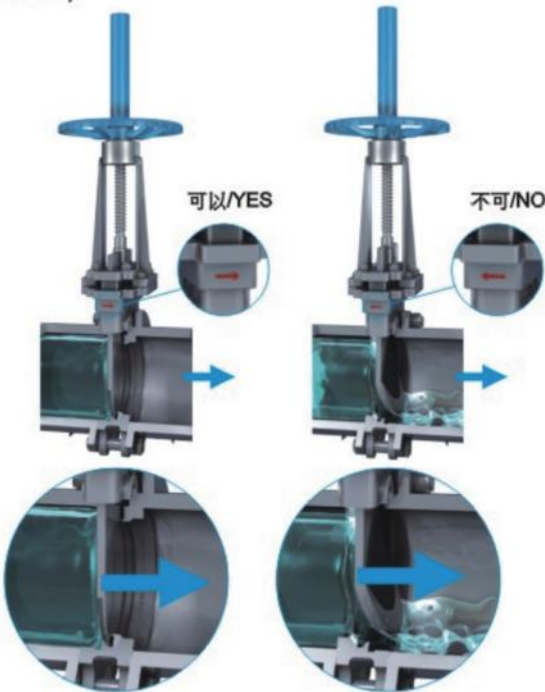
- 如操作系統太重（氣動頭、電動頭等），因橫向安裝或傾斜安裝要設置支架。
- When the valves are operated with heavy actuators (pneumatic actuator, electric actuator..) in horizontal or tilting position, the actuator must be supported by means of the retaining plate Supplied.



單向密封刀閘閥的安裝

Uni-directional knife gate valve assembling way.

- 閥門只能單向安裝。壓力在密封圈上，請使用者務必按箭頭方向安裝。（液壓應用）
- The valve is uni-directional ,it must be installed with the pressure which push the knife on the seat. The flow direction is user responsibility. Please assemble the valve following the arrow on the body (Hydraulics applications).



管端安裝 / Bottom line assembling

- 管端安裝時要用對夾連接。
- For bottom line assembling the valve must be installed between flanges.



閥杆套管 / Greasing

- 在第一次安裝時，注意閥杆的保護套管的組件。閥杆上的油脂要保證預留在保護套里，提供定期的潤滑。
- Take care of the assembly of the protection tube of stem at the time of the first installation. The grease reserve of the stem is ensured in the protection tube, offering a regular greasing.



潤滑 / protection tube

- 假如儲存期延長或操作頻率較低，要定期潤滑閥門閥杆。
- In the event of prolonged storage or of weak frequency of operation, lubricate the valve stem regularly.



- 欲知氣動輸送和粉末產品的應用，請與我們聯繫。
- For applications of pneumatic transport or pulverized products, consult us.