

地址: 郑州高新技术产业开发区紫竹路93号院

ADD: No. 93 Zizhu Road, High-Tech Development Zone, Zhengzhou City, Henan, China

TEL: +86 371-55019379. +86 13523029957 E-mail/Skype ID:sales@free-valve.com

http://www.free-valve.com

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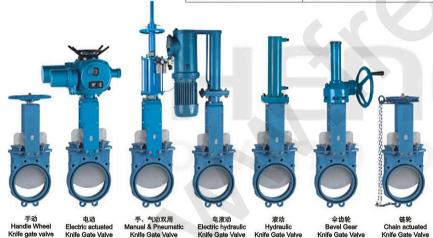
郑州孚瑞流体控制技术有限公司

Zhengzhou Free Fluid Control Technology Co., Ltd

- 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。
- 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 embeded 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"		
	0.6 Mpa, 1.0	0 Mpa, 1.6 Mpa, 2.5 Mpa	
压力等级 /Pressure Rating	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°C~+170	rc	
泄漏等级 /Leakage Class	零泄漏 /Zero	o Leakage	



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。
- 機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廊上、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"		
	0.6 Mpa, 1.0 Mpa, 1.6 Mpa, 2.5 Mpa		
压力等级 /Pressure Rating	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 金原 最高0ml/min/in PTF 最高0ml/min/in 橡胶	E密封阀座 Max. 0ml/mln/in PTFE seated	



Electric actuated Knife Gate Valve



- 密封面采用高档增物结构陶瓷, 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。
- 個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:

公称通径 /Size	DN50-600 2"~24"			
	0.6 Mpa, 1.0 Mpa, 1.6 Mpa, 2.5 Mpa			
压力等级 /Pressure Rating	ASME CLASS 150	DN50~250 10 Bar DN300~400 6 Bar DN450 5 Bar DN500~600 4 Bar		
适用温度 /Sultable Temperature	-29°C~+200°C			
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

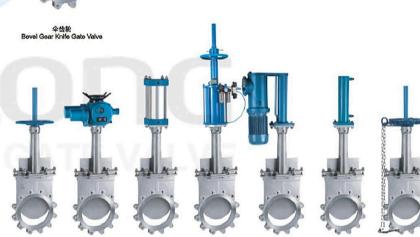


產品優點 / Product Benefits:

- 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:

公称通径 /Size	DN50-1200 2"~48"		
	0.6 Mpa, 1.0 Mpa, 1.6 Mpa, 2.5 Mpa		
压力等級 /Pressure Rating	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°C~+1100°C		
泄漏等级 /Leakage Class	最高40ml/min/in 最高0ml/min/in 最高0ml/min/in	PTFE密封阀座 Max. 0ml/min/in PTFE seated	



手、气动双用

Manual & Pneumatic

Knife Gate Valve

Electric hydraulic

Knife Gate Valve

Hydraulic

Chain actuated

Knife Gate Valve

Handle Wheel

Knife gate valve

Electric actuated

Pneumatic actuated

Knife Gate Valve

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- 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:

公称通径 /Size	DN50-1200 2"~48"		
	0.6 Mpa, 1.0 Mpa	a, 1.6 Mpa, 2.5 Mpa	
压力等级 /Pressure Rating	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 Temperatu	re -60°C~+1100°C		
泄漏等级 /Leakage Class	最高40ml/min/in 金 最高0ml/min/in PT 最高0ml/min/in 擦	FE密封阅座 Max. 0ml/min/in PTFE seated	





电液动 Electric hydraulic Knife Gate Valve

產品優點 / Product Benefits: 全對闭式刀闸阀,闸板埋在阀体内腔,完全

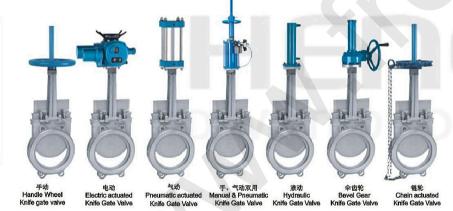
- 全封闭式刀闸阀,闸板埋在阀体内腔,完全与外界环境隔绝,阀盖上设有圆形填料桶,能有效的避免流体介质外泄漏。
- 闸板上端和阀体底部配置了闸板压紧装置,由阀杆垂直推力转换成侧向力来实现闸板贴紧阀 熔形成有效密射。
- 本产品特别适用于开启关闭频繁,环保要求较高的食品、酸造、煤炭液化、污水处理、化工、钢铁等工业部门的自动控制系统中。
- The gate of the fully closed knife gate valve is embedded inside the valve body, totally isolated from exterior environment. The valve 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"~	DN50-1600 2"~64"		
	0.6 Mpa, 1.0 Mpa	0.6 Mpa, 1.0 Mpa, 1.6 Mpa, 2.5 Mpa		
压力等级 /Pressure Rating	ASME CLASS 150		~400 6 Bar	
适用温度 /Suitable Temperatur	e -60℃~+1100℃			
泄漏等级 /Leakage Class	最高40ml/min/in 金 最高0ml/min/in PT 最高0ml/min/in 橡	FE密封阀座	Max.40ml/min/in metal seated Max. 0ml/min/in PTFE seated Max. 0ml/min/in Rubber seated	



手、气动双用 Manual & Pneumatic Knife Gate Valve





● 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 **摩形成有效密封。**

- 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
- . 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,

公称通径 /Size	DN50-1600 2"	DN50-1600 2"~64"		
	0.6 Mpa, 1.0 M	0.6 Mpa, 1.0 Mpa, 1.6 Mpa, 2.5 Mpa		
压力等级 /Pressure Rating	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 /Sultable Temperatu	re -60°C~+1100°C			
泄漏等级 /Leakage Class	最高40ml/min/in F 最高0ml/min/in F 最高0ml/min/in 有	PTFE密封資產 Max. 0ml/min/in PTFE seated		



Handle Wheel Knife gate valve

- 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。







Pneumatic actuated











浆液阀 / Slurry Valve

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丝连接形成一体。
- 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
- 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、矿山排渣这些领域。
- . Basical 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
- 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"		
	0.6 Mpa, 1.0 Mpa, 1.6 Mpa, 2.5 Mpa		
压力等級 /Pressure Rating	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°C~+170°C		
泄漏等级 /Leakage Class	零泄漏 /Zero Leakage		









Electric actuated Manual & Pneumatic Pneumatic actuated

Knife Gate Valve





Knife Gate Valve

- 介质过流部件整体采用聚氨酯衬里, 具备耐磨损、寿命长。
- 全通经、零泄漏。
- 填料采用整体模压橡胶体,使上密封实现零泄露。
- 可更换的整体式聚氨酯阀衬和不锈钢闸板、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 wearresistant 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"		
压力等級 /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°C~+100°C		
泄漏等级 /Leakage Class	零泄漏 /Zero Leakage		



産品優點 / 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
- 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"		
	0.25 Mpa		
压力等级/Pressure Rating	ASME CLASS 150	DN50~600 2.5 Bar	
适用温度/Suitable Temperature	-10°C~+120°C		
泄漏等级/Leakage Class	零泄漏(闸板全启或全闭时) /Zero Leakage		



Knife gate valve



- ◆ 双向密封, 带两个阀座封圈,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径,其作用是,闸板开启时,介质能全部流走,没有滯留,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:

Management and the control of the co	最高40ml/min/in 金属 最高0ml/min/in PTFI	CANADA CA		
适用温度 / Suitable Temperature	-60℃~+1100℃			
压力等级 / Pressure Rating	ASME CLASS 150	DN50~250 10 Bar DN300~400 6 Bar DN450 5 Bar DN500~600 4 Bar		
	0.6 Mpa, 1.0 Mpa, 1.6 Mpa, 2.5 Mpa			
公称通径 / Size	DN50-600 2"~24"			



Manual & Pneumatic Electric hydraulic

産品優點 / 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:

公称通径 / 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°C~+200°C	
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



Handle Wheel

Electric actuated



- 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、螺阀。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°C-+1100°C
阀体材质/Body Material	碳钢、不锈钢 / Carbon steel, Stainless Steel







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

闡板/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

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

塡料壓塊/Packing

油/ Tallowed cotton		
烯酸酯/ Tefloned acrylic		
烯/PTFE		
aphite		
ry high temperature		
-	烯酸酯/Tefloned acrylic 烯 / PTFE aphite	烯胶酯/Tefloned acrylic 烯 / PTFE sphite

標準配置/Standard construction

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





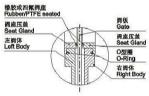




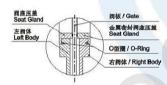








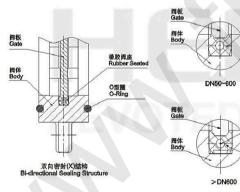
橡胶或者四氟密封结构 Rubber/PTFE Sealing Structure



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

橡胶阀座





Knife Gate Valve Flange connection diameter chart



法兰连接 / Flange Connection

φD1 φD2 N×M

118 4×M16 18

132 8 × M16

156 8 × M16

184 8 × M16

319 12 × M20 22

370 12×M20 22

429 16 × M20 22

480 16 × M24 26

530 20 × M24 26

582 20 × M24 26

682 20 × M27 30

794 24 × M27 30

1001 28 × M30 33

1112 28×M33 36

法蘭尺寸/Size Of Flange GB/T9113.1 0.6Mpa

法蘭尺寸/Size Of Flange GB/T9113.1 1.0Mpa

mm

mm mm mm mm

165 125 99 4 × M16

200 160

220 180

250 210

285 240 211 8 × M20

340 295 266 8 × M20

445 400

565 515

615

350

460

565

950

1050

254 1455 1380 1328 32×M36 39

Inch

2"

5" 150 6"

12"

14" 76 505

16"

18"

32"

40"

203 1115

216 1230 1160

65 2(1/2)* 48 185 145

100 4"

125

200

250 10" 70 395

350

400

500 20" 114 670 620

600 24" 114 780 725

700 28" 165 895 840

900 36"

1000



DN			法兰连接 / Flange Connection							
		L	D	φD1	♦ D2	N×M	φd			
mm	Inch	mm	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			

法蘭尺寸/Size Of Flange GB/T9113.1 1.6Mpa

法蘭尺寸/Size Of Flange ASME CLASS 150

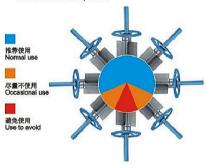


DN			法兰连接 / Flange Connection					DN		-	法兰连接 / Flange Connection			
U	IN	L	D	φD1	φ D2	N×M	φd	L	M	N L	D	φD1	φD2	N×M
mm	Inch	mm	mm	mm	mm	mm	mm	mm	Inch	mm	mm	mm	mm	Inch
50	2"	48	165	125	99	4 × M16	18	50	2"	48	152	120.5	92	4 × 5/8"-UNC
65	2"1/2	48	185	145	118	4 × M16	18	65	2(1/2)"	48	178	139.5	105	4 × 5/8"-UNC
80	3"	51	200	160	132	8 × M16	18	80	3"	51	190	152.5	127	4 × 5/8"-UNC
100	4"	51	220	180	156	8 × M16	18	100	4"	51	229	190.5	157	8 × 5/8" -UNC
125	5"	57	250	210	184	8 × M16	18	125	5"	57	254	216	186	8 × 3/4" -UNC
150	6"	57	285	240	211	8 × M20	22	150	6"	57	279	241.5	216	8 × 3/4" -UNC
200	8"	70	340	295	266	12 × M20	22	200	8"	70	343	298.5	270	8 × 3/4" -UNC
250	10"	70	405	355	319	12 × M24	26	250	10"	70	406	362	324	12 × 7/8" -UNC
300	12"	76	460	410	370	12 × M24	26	300	12"	76	483	432	381	12 × 7/8" -UNC
350	14"	76	520	470	429	16 × M24	26	350	14"	76	533	476	413	12 × 1" -UNC
400	16"	89	580	525	480	16 × M27	30	400	16*	89	597	540	476	16 × 1" -UNC
450	18"	89	640	585	548	20 × M27	30	450	18"	89	635	578	533	16 × 1(1/8)"-UN
500	20"	114	715	650	609	20 × M30	33	500	20"	114	698	635	584	20 × 1(1/8)"-UN
600	24"	114	840	770	720	20 × M33	36	600	24"	114	813	749.5	692	20 × 1(1/4)"-UN
700	28"	165	910	840	794	24 × M33	36	700	28"	165	927	863.6	800	28 × 1(1/4)*-UN
800	32"	165	1025	950	901	24 × M36	39	750	30"	165	984	914	857	28 × 1(1/4)*-UN
900	36"	203	1125	1050	1001	28 × M36	39	800	32"	165	1060	978	914	28 × 1(1/2)"-UN
1000	40"	216	1255	1170	1112	28 × M39	42	900	36"	203	1168	1086	1022	32 × 1(1/2)"-UN
1200	48"	254	1485	1390	1328	32 × M45	48	1000	40"	216	1289	1200	1124	36 × 1(1/2)"-UN

使用注意事项 / Precautionary Measures

閥門位置/ Valve position:

- 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 assembled in any position however, we recommend suitable position.



單向密封刀閘閥的安装 Uni-directional knife gate valve assembling way.

- 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 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).



- 欲知气动输送和粉未产品的应用,请与我们联系.
- · For applications of pneumatic transport or pulverized products, consult us.

安裝類型/Assembling type

- 用双头螺丝+螺帽组合螺栓
- . With screws+nuts and bolts set.



管端安裝/Bottom line assembling

- 管端安装时要用对夹连接.
- For bottom line assembling the valve must be installed between flanges.



预防措施 / precautionary measures



摔緊填料壓塊 / Tight the packing gland

- 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。
- The valves are always delivered with the loosened packing gland .
- . Before any use, tighten the gland gradually and moderately.



閥杆套管 / Greasing

- 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。
- 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.

閥門支架 / Valve support

- 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。
- 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.



潤滑 / protection tube

- ●假如储存期延长或操作频率较低,要定期润滑阀门阀杆.
- In the event of prolonged storage or of weak frequency of operation, lubricate the valve stem regularly.



