

A-优秀	B-良好	C-普通	X-不良	A-excellent	B-good	C-ordinary	X-bad
名称 name	天然橡胶 natural rubber	苯乙烯丁二烯 Styrene Butadiene	丁晴橡胶 Nitrile Butadiene Rubber	乙烯 丙烯 橡胶 Ethylene-Propylene-Diene Monomer	硅橡胶 Silica	氟橡胶 Fluororubber	聚氨酯 Polyurethane
代码 code	NR	SBR	NBR	EPDM	Si	FKM	PU
最低温度 °C min °C	-75	-55	-40	-55	-110	-30	-30
最高温度 °C max °C	70	70	100	125	225	250	100
硬度 (shore A) hard(shore A)	30~90	40~90	40~90	40~90	40~80	55~90	50~80
抗拉强度 (kgf/cm²)max tensile(kgf/cm²)max	35	25	25	20	15	20	20
耐矿物油性 mineral oil	X	X	A	X	B	A	A
耐酸性 sulfuric acid	C	C	C	A	X	A	C
耐甲苯性 toluene	X	X	X	X	X	A	A
耐乙醇性 alcohol	B	B	A	A	X	A	X
耐乙醚性 Ether	X	X	C	X	X	X	C



CHSUN 奇胜阀门有限公司

地址:浙江省温州市龙湾区温州湾新区兴宇路8号

电话:0577-86616200 邮箱:qs3@chisun.cn

网站:www.chisun.cn www.knifegate.cn

CHISUN VALVE CO.,LTD.

Address: No. 8 Xingyu Road, Wenzhouwan New District, Longwan District,
Wenzhou City, Zhejiang Province, China

Tel:+86-577-86613200 E-mail: qs@chisun.cn Web:www.chisunvalve.com

姜日静 总经理 / 高级工程师
手机:138 5870 6009



WhatsApp
(CHISUN Business)

Jim General Manager Senior Engineer



WhatsApp
(CHISUN Jim)



USA23Q4246805

USA25E42666R25

803606385668

EAC N RU / J-ON P408.8.59620/25

TS2733 M05-2026

10.07.12464



2026 PRODUCT
SELECTION MANUAL
产品选型手册

奇胜阀门有限公司
CHISUN VALVE CO.,LTD.

WHATSAPP

+56 22 441 6521

WHATSAPP

+56 22 441 6521



COMPANY PROFILE

公司简介

公司具备阀门开发、设计、研制及阀门全性能试验能力。公司实力雄厚，生产制造设备精良，检验工序完善，产品系列齐全，价格合理，深受广大用户的信赖和好评。公司拥有设计中心、研发中心、生产数控加工中心及检测中心，并另外配有高压42.0MPa水切割机、12000W激光切割机、线长290米静电喷涂流水线、阀门装配流水线等现代化先进设备，确保公司产品主要零部件的理化性能、表面精度，确保产品性能优越，使奇胜公司的生产工艺精益求精，在同行业中保持遥遥领先的水平。

目前公司产品已被广泛应用到国内大型项目（污水处理、化工、电厂、造纸、采矿、食品、各种浆液等）中，公司拥有自营进出口权，产品已远销俄罗斯、美国、澳大利亚、欧洲、东南亚等国家。产品执行 GB 国家标准、API 美国石油协会标准、MSS-SP-81美国阀门和管件工业制造标准化协会标准、JIS 日本国家标准、DIN 德国国家标准。

公司坚信质量是企业的生存之本，是竞争取胜的根本实力。公司以“没有质量，何以取胜”为宗旨，诚实守信，开拓创新，热情服务，努力打造“CHISUN”品牌。公司广告语“开源节流用奇胜”更是奇胜公司对广大用户质量和服务的承诺。奇胜将不断开发新产品拓展新领域，竭诚为国内外客户提供更高品质的现代工业阀门精品。



世界品质  浙江制造
Zhejiang Makes It Happen

The company has the ability of valve development, design and full performance testing. The rich strength, excellent manufacturing equipment, perfect testing process, complete production series and reasonable price make the company deeply gained trust and praise from customers. We have design center, research and development center, production CNC machining center and testing center. In addition, the company is equipped with modern and advanced equipment such as high pressure 42.0MPa water cutting machine, 12000W laser cutting machine, line length 290 meters electrostatic spraying line, valve assembly line, to ensure the physical and chemical properties and surface accuracy of the main parts of the company's products, to ensure superior product performance, so that Chisun company's excellence production process maintains a far ahead of the level in the same industries zone.

At present, the company's products have been widely used in domestic large-scale projects (sewage treatment, chemical, power plant, paper making, mining, food, all kinds of slurry, etc.), the company has the right to import and export, products which have been exported to Russia, the United States, Australia, Europe, Southeast Asia and other countries. Products comply with GB national standard, API American Petroleum Institute standard, MSS-SP-81 American Valve and Pipe Parts Industry Manufacturers Standardization Association standard, JIS Japanese national standard, DIN German national standard.

The company firmly believes that quality is the survival of the enterprise, is the fundamental strength to win the competition. With the purpose of "no quality, how to win", The company adheres to its principles of honest and trustworthy, pioneering and innovative, enthusiastic service, and strive finally to create "CHISUN" brand. And the slogan "open source and reduce expenditure with Chisun", showed the quality and service commitment to majority of users. Chisun will continue to develop new products to expand new fields, dedicated to providing customers at home and abroad with higher quality of modern industrial valves.



自动化阀门生产流水线
Automated Valve Production Line



数字化加工中心车间
Digital machining center workshop



DN500-3m 大口径阀门装配车间
DN500-3M Large-diameter valve assembly workshop



DN50-DN450小口径阀门装配车间
DN50-DN450 Small-diameter valve assembly workshop



数控车床
CNC Lathe



数控立式加工中心
CNC vertical machining center



2m 龙门加工中心
2M Gantry machining center



机械加工中心
Machining Center



4m 数控立车
4M CNC vertical lathe



3m 端面车床
3M End lathe



A 检测试压区
(A) Testing pressure area



B 检测试压区
(B) Testing pressure area



C 检测试压区
(C) Testing pressure area



D 检测试压区
(D) Testing pressure area



定梁数控龙门加工中心
Fixed beam CNC gantry machining center



30000W 激光切割区
30000W Laser Cutting Area



6000W 激光切割区
6000W Laser Cutting Area



12000W 激光切割区
12000W Laser Cutting Area



电焊区
Welding Area



抛光打磨区
Polishing and grinding area



抛沙区
Polish area



钻孔区
Drilling area



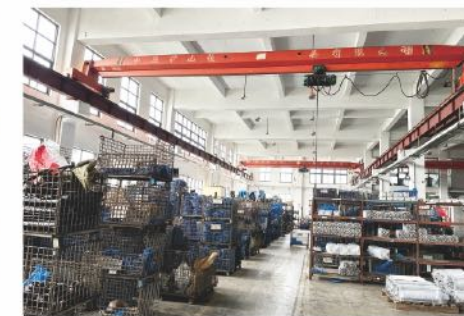
成品区
Finished product area



DN50-DN450 / 300m静电喷涂流水线
DN50-DN450 / 300m Electrostatic spraying line



半成品区
Semi-finished products area



配件区
Accessories Area



A毛坯区
(A)unprocessed area



DN600-3m 静电喷涂流水线
DN600-3M Electrostatic spraying line



清洗包装区
Cleaning packaging area



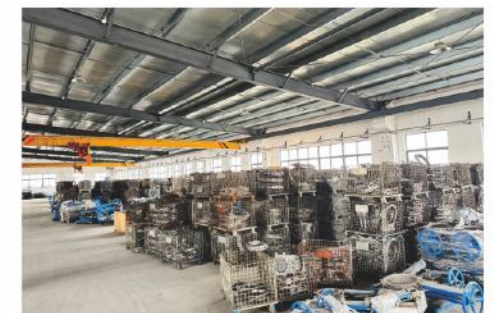
清洗包装区
Cleaning packaging area



B毛坯区
(B)unprocessed area



C毛坯区
(C)unprocessed area



D毛坯区
(D)unprocessed area

ENTERPRISE QUALIFICATION

企业资质

我们一直以世界先进的质量管理体系来确保产品质量符合国际阀门行业的标准。
We have been using the world's advanced quality management system to ensure product quality in line with the international valve industry standards



欧盟商标注册证书
EU Trademark Registration Certificate
证书编号: 016789554
Certificate No. 016789554



美国商标注册证书
United States Trademark Registration Certificate
证书编号: 6,076,676
Certificate No. 6,076,676



国家高新技术企业
National High-Tech Enterprise
证书编号: GR201833002947
Certificate No. GR201833002947



国家火炬计划项目证书
National Torch Plan Project Certificate
项目编号: 2007GH040316
Project No.: 2007GH040316



国家火炬计划项目证书
National Torch Plan Project Certificate
项目编号: 2007GH040320
Project No.: 2007GH040320



欧盟 CE 认证
EU CE Certification
证书编号: 803606385668
Certificate No. 803606385668



欧盟 CE-PED 认证
EU CE-PED Certification
证书编号: 10.07.12464
Certificate No. 10.07.12464



EAC 认证
EAC Certification
证书编号: EA3C N RU D-CN.PA05.B.48716/24
Certificate No. EA3C N RU D-CN.PA05.B.48716/24



EAC 认证
EAC Certification
证书编号: EA3C N RU D-CN.PA08.B.50639/25
Certificate No. EA3C N RU D-CN.PA08.B.50639/25



发明专利证书
Invention Patent Certificate
专利号: ZL 2016 1 0689195.4
Patent No.: ZL 2016 1 0689195.4



发明专利证书
Invention Patent Certificate
专利号: ZL 2018 1 1092861.1
Patent No.: ZL 2018 1 1092861.1



发明专利证书
Invention Patent Certificate
专利号: ZL 2020 1 1108780.3
Patent No.: ZL 2020 1 1108780.3



特种设备生产许可证
Special Equipment Manufacturing License
编号: TS2733M05-2026
No.: TS2733M05-2026



ISO 9001:2015
ISO 9001:2015
证书编号: USA23Q42468R0S
Certificate No. USA23Q42468R0S



ISO 14001:2015
ISO 14001:2015
证书编号: USA25E42666R2S
Certificate No. USA25E42666R2S



ISO 45001:2018
ISO 45001:2018
证书编号: USA25S22667R2S
Certificate No. USA25S22667R2S



信息安全管理体系认证
Information Security Management System Certificate
证书编号: 114251SMS889R0S
Certificate No. 114251SMS889R0S



实用新型专利证书
Utility Model Patent Certificate
专利号: ZL 2020 2 2306496.9
Patent No.: ZL 2020 2 2306496.9



实用新型专利证书
Utility Model Patent Certificate
专利号: ZL 2020 2 2289099.5
Patent No.: ZL 2020 2 2289099.5



实用新型专利证书
Utility Model Patent Certificate
专利号: ZL 2020 2 2289100.4
Patent No.: ZL 2020 2 2289100.4



浙江制造认证证书
Zhejiang Manufacturing Certification
证书编号: CJJM2023P1109901R0M
Certificate No.: CJJM2023P1109901R0M

DEVELOPMENT HISTORY

发展历程

Ride The Wind And Waves Open Up The Future
乘风破浪 开拓未来



PRODUCT SERIES

产品系列

世界品质 浙江制造
Zhejiang Makes It Happen

适用介质:水、污水、浆液
Applicable Medium: Water, Sewage, Slurry



QB 系列
Series

QH 系列
Series

QY 系列
Series



QYA 系列
Series

QMG 系列
Series

QU 系列
Series

适用介质:造纸、纸浆
Applicable Medium: Papermaking Pulp, Stock



QD 系列
Series

QDY 系列
Series

适用介质:液浆、胶水、粉固物料
Applicable Medium: Liquid Slurry, Adhesive, Powder & Solid Materials



QCA 系列
Series

适用介质:高磨损矿浆
Applicable Medium: High-Abrasion Ore Slurry



QMB 系列
Series

适用介质:高压矿浆、浆液
Applicable Medium: High-Pressure Ore Slurry, Slurry



QCG 系列
Series

QWLY 系列
Series

QMDY 系列
Series

适用介质:磷矿(带结晶矿)
Applicable Medium: Phosphate Ore (with Crystalline Minerals)



QCB 系列
Series

适用介质:特殊带
Applicable Medium: Special Service Conditions



QVY 系列
Series

适用介质:低压矿浆、浆液
Applicable Medium: Low-Pressure Ore Slurry, Slurry



QMC 系列
Series

QMD 系列
Series

QUP 系列
Series

QJ 系列
Series

QPA 系列
Series

适用于盾构机
Applicable to shield tunneling machines.



QW 系列
Series

QWL 系列
Series

QWF 系列
Series

QWLF 系列
Series

适用于盾构机
Applicable to shield tunneling machines.

适用于盾构机
Applicable to shield tunneling machines.

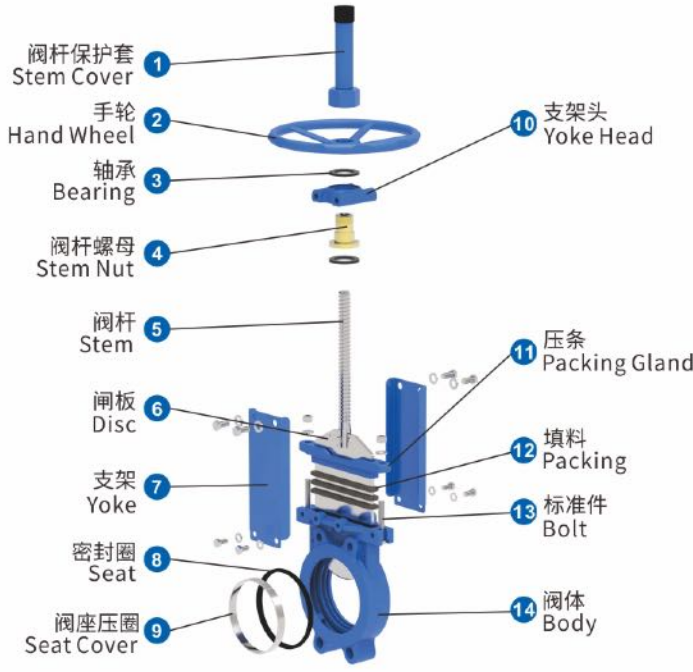
适用于盾构机
Applicable to shield tunneling machines.

适用于盾构机
Applicable to shield tunneling machines.



QB 系列 单向薄阀座可更换型刀闸阀
Series Unidirectional seal Knife Gate Valve

适用介质:水、污水、浆液
Applicable Medium: Water, Sewage, Slurry



型号: QBZ73X
连接形式: 对夹, 梅花
设计标准: JB/T8691-2013
法兰标准: GB/T9113.1-2010
ASME B16.5 (2" _24")
ASME B16.47 (26" _60")
AS2129:TABLE D
AS2129:TABLE E
结构长度: GB/T15188.2-94 chart6-7
检验标准: GB/T13927-2008
开关形式: 手轮, 涡轮, 气动, 电装, 液动, 电液动, 链轮盘, 杠杆
阀体材质: F55, F53, 2205, CF3M, CF8M, CF8, WCB, GGG40
闸板材质: F55, F53, 2205, SS310, SS316L, SS316, SS304
密封材质: NBR, EPDM, PTFE, FKM, 石墨, 金属密封
填料: 芳纶, 高水基, 四氟, 橡胶, 石墨
适用介质: 水、污水、浆液

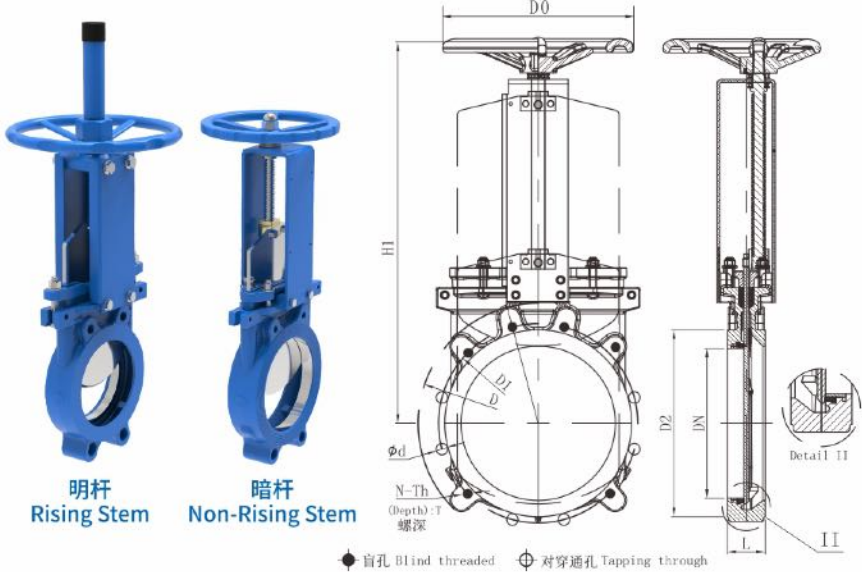
Model: QBZ73X
Type: Wafer, Lug
Design Standard: MSS SP-81
Flange Standard: DIN PN10, PN16, 150LB, JIS 10K, TABLE E/D
Face to Face: MSS SP-81
Testing Standard: API-598
Operation: manual, electric, pneumatic, hydraulic, sprocket, electro-hydraulic, gear, lever
Main material: F55, F53, 2205, CF3M, CF8M, CF8, WCB, GGG40
Disc material: F55, F53, 2205, SS310, SS316L, SS316, SS304
Sealing material: NBR, EPDM, PTFE, FKM, Graphite, Metal
Packing: Aramid fiber, high-water based fiber, rubber, PTFE, graphite
Applicable medium: Water, Sewage, Slurry



QB 系列 单向薄阀座可更换型刀闸阀
Series Unidirectional seal Knife Gate Valve

适用介质:水、污水、浆液
Applicable Medium: Water, Sewage, Slurry

尺寸图 Dimension



材质表 Material List

材质 Material	QBZ73X-10C	QBZ73X-10G	QBZ73X-10P	QBZ73X-10RL
阀体材质 Valve Body Material	WCB	GGG40	CF8	CF3M
闸板材质 Gate Material	SS304	SS304	SS304	SS316L
阀杆材质 Stem Material	2Cr13	2Cr13	SS304	SS304
支架材质 Yoke Material	Q235	Q235	SS304	SS304

单位:mm unit:mm

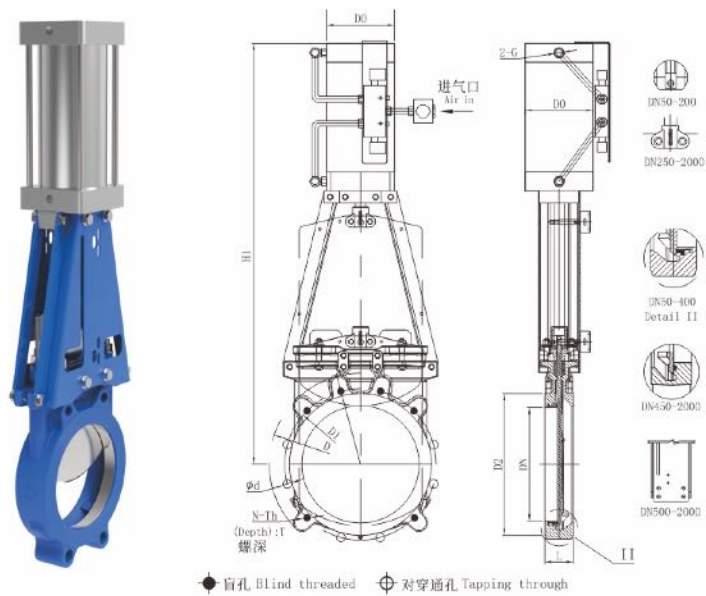
DN	L	D	D1	D2	D0	N-Th	d	H1	板厚 Plate Thickness	密封压力(MPa) Sealing Pressure (MPa)	手动扭力 (Nm) Manual Torque (Nm)	手动圈数 Manual Turns	重量(kg) weight(kg)
50	48	165	125	99	180	4-M16	Φ18	260			35	15	7.5
65	48	185	145	118	200	4-M16	Φ18	292			35	19	8.5
80	51	200	160	132	200	8-M16	Φ18	320			35	22	11
100	51	220	180	156	240	8-M16	Φ18	358			35	27	13
125	57	250	210	184	260	8-M16	Φ18	395			35	34	17
150	57	285	240	211	280	8-M20	Φ23	450			45	33	22
200	70	340	295	266	300	8-M20	Φ23	532			45	43	33
250	70	395	350	319	320	12-M20	Φ23	670			60	53	48
300	76	445	400	370	350	12-M20	Φ23	758			60	63	60
350	76	505	460	429	400	16-M20	Φ23	857			75	62	83
400	89	565	515	480	450	16-M24	Φ27	946			75	69	109
450	89	615	565	530	500	20-M24	Φ27	1023					145
500	114	670	620	582	500	20-M24	Φ27	Gear					230
600	114	780	725	682	-	20-M27	Φ30	Gear					300
700	127	895	840	794	-	24-M27	Φ30	Gear					432
800	127	1015	950	901	-	24-M30	Φ33	Gear					550
900	127	1115	1050	1001	-	28-M30	Φ33	Gear					820
1000	149	1230	1160	1112	-	28-M33	Φ36	Gear					1100

QB 系列
Series

单向薄阀座可更换型刀闸阀
Unidirectional seal Knife Gate Valve

适用介质:水、污水、浆液
Applicable Medium: Water, Sewage, Slurry

尺寸图 Dimension



材质表 Material List

材质 Material	QBZ673X-10C	QBZ673X-10G	QBZ673X-10P
阀体材质 Valve Body Material	WCB	GGG40	CF8
闸板材质 Gate Material	SS304	SS304	SS304
阀杆材质 Stem Material	2Cr13	2Cr13	SS304
支架材质 Yoke Material	Q235	Q235	SS304

单位:mm unit:mm

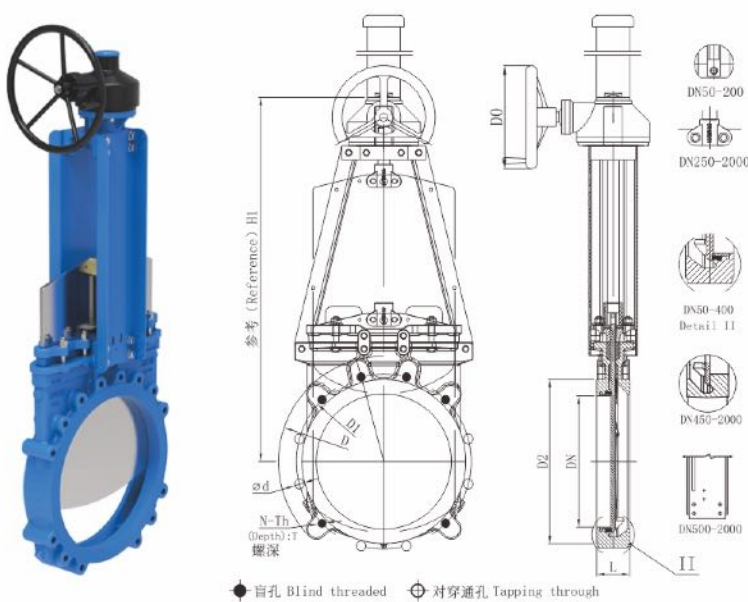
DN	L	D	D1	D2	D0	N-Th	d	H1	板厚 Plate Thickness	密封压力(MPa) Sealing Pressure (MPa)	重量(kg) weight (kg)
50	48	165	125	99	100	4-M16	Φ18	417			
65	48	185	145	118	100	4-M16	Φ18	460			
80	51	200	160	132	100	8-M16	Φ18	510			12
100	51	220	180	156	100	8-M16	Φ18	600			14
125	57	250	210	184	100	8-M16	Φ18	628			
150	57	285	240	211	125	8-M20	Φ23	780			23.5
200	70	340	295	266	125	8-M20	Φ23	880			
250	70	395	350	319	160	12-M20	Φ23	1088			61.5
300	76	445	400	370	160	12-M20	Φ23	1232			
350	76	505	460	429	200	16-M20	Φ23	1390			97
400	89	565	515	480	200	16-M24	Φ27	1528			132
450	89	615	565	530	200	20-M24	Φ27	1659			
500	114	670	620	582	250	20-M24	Φ27	1846			
600	114	780	725	682	250	20-M27	Φ30	2158			
700	127	895	840	794	320	24-M27	Φ30	2478			
800	127	1015	950	901	320	24-M30	Φ33	2863			
900	127	1115	1050	1001	400	28-M30	Φ33	3047			
1000	149	1230	1160	1112	400	28-M33	Φ36	3330			

QB 系列
Series

单向薄阀座可更换型刀闸阀
Unidirectional seal Knife Gate Valve

适用介质:水、污水、浆液
Applicable Medium: Water, Sewage, Slurry

尺寸图 Dimension



材质表 Material List

材质 Material	QBZ573X-10C	QBZ573X-10G	QBZ573X-10P	QBZ573X-10RL
阀体材质 Valve Body Material	WCB	GGG40	CF8	CF3M
闸板材质 Gate Material	SS304	SS304	SS304	SS316L
阀杆材质 Stem Material	2Cr13	2Cr13	SS304	SS304
支架材质 Yoke Material	Q235	Q235	SS304	SS304

单位:mm unit:mm

DN	L	D	D1	D2	D0	N-Th	d	H1	板厚 Plate Thickness	密封压力(MPa) Sealing Pressure (MPa)	伞齿轮扭力(Nm) Bevel Gear Torque (Nm)	伞齿轮圈数 Bevel Gear Turns	重量(kg) weight (kg)
50	48	165	125	99	F10	4-M16	Φ19	342			15	38	
65	48	185	145	118	F10	4-M16	Φ19	370			15	48	
80	51	200	160	132	F10	8-M16	Φ19	405			15	55	
100	51	220	180	156	F10	8-M16	Φ19	456			15	68	
125	57	250	210	184	F10	8-M16	Φ19	505			15	85	
150	57	285	240	211	F10	8-M20	Φ23	550			25	83	
200	70	340	295	266	F10	8-M20	Φ23	650			25	108	
250	70	395	350	319	F10	12-M20	Φ23	760			30	133	
300	76	445	400	370	F10	12-M20	Φ23	820			30	158	
350	76	505	460	429	F12	16-M20	Φ23	890			40	186	
400	89	565	515	480	F12	16-M24	Φ27	960			40	207	
450	89	615	565	530	F12	20-M24	Φ27	1110			80	230	
500	114	670	620	582	F14	20-M24	Φ27	1210			80	255	
600	114	780	725	682	F16	20-M27	Φ30	1390			95	370	
700	127	895	840	794	F16	24-M27	Φ30	1540			95	370	
800	127	1015	950	901	F20	24-M30	Φ33	1710			100	480	
900	127	1115	1050	1001	F20	28-M30	Φ33	1880			100	540	
1000	149	1230	1160	1112	F20	28-M33	Φ36	2090			110	665	

QH 系列

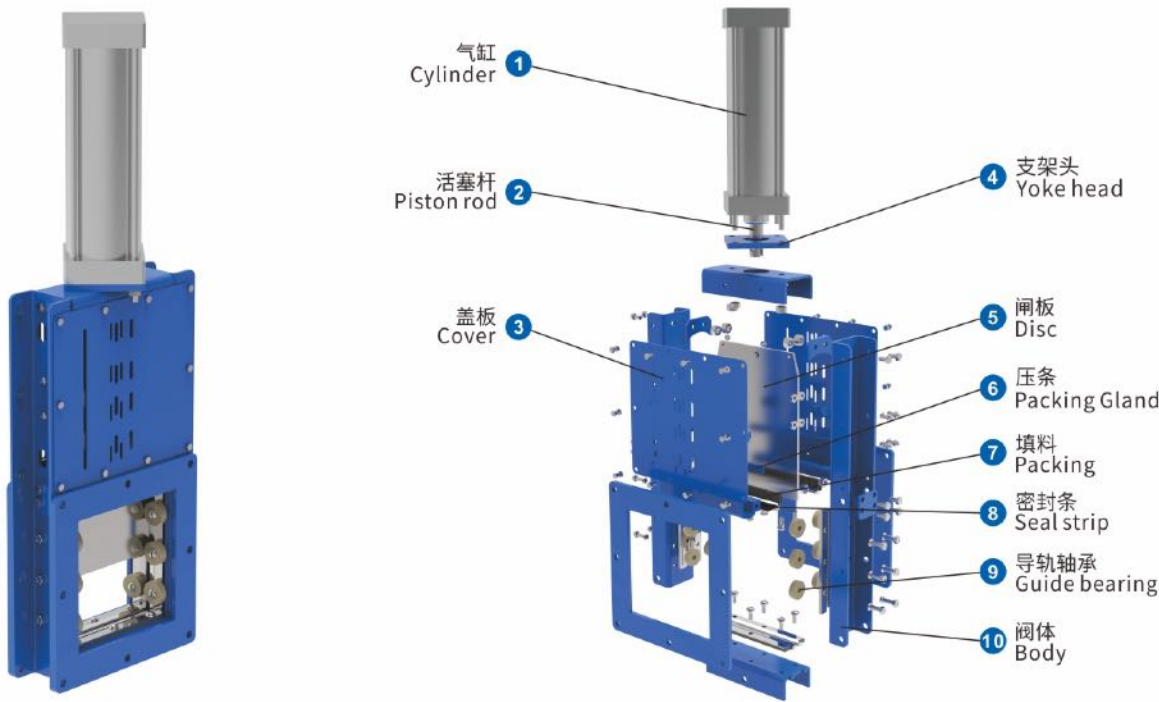
Series

单向全封闭方闸门

Unidirectional Sealing Knife Gate Valve

适用介质:水、污水、浆液

Applicable Medium: Water, Sewage, Slurry



型号: QHZ43X

连接形式: 方形法兰

法兰标准: 定制

结构长度: 工厂标准

检验标准: GB/T13927-2008

开关形式: 手轮, 涡轮, 气动, 电装, 液动, 电液动, 链轮盘, 杠杆

阀体材质: 结构钢, 不锈钢

闸板材质: F55,F53,2205,SS310,SS316L,SS316,SS304

密封材质: EPDM,FKM,NBR,PTFE,石墨,金属密封

填料: 芳纶, 高水基, 四氟, 橡胶

适用介质: 水、污水、浆液

Model: QHZ43X

Type: SquareFlange

Flange Standard: custom against client's requirement.

Face to Face: MSS SP-81

Testing Standard: API-598

Operation: handwheel, electric, pneumatic, hydraulic, sprocket, electro-hydraulic, gear, lever

Main material: Q235,Stainless steel

Disc material: F55,F53,2205,SS310,SS316L,SS316,SS304

Sealing material: NBR,FKM,graphite,Metal to Metal,EPDM, Graphite

Packing: Aramid fiber, high-water based fiber, rubber, PTFE

Applicable medium: Water, Sewage, Slurry

QH 系列

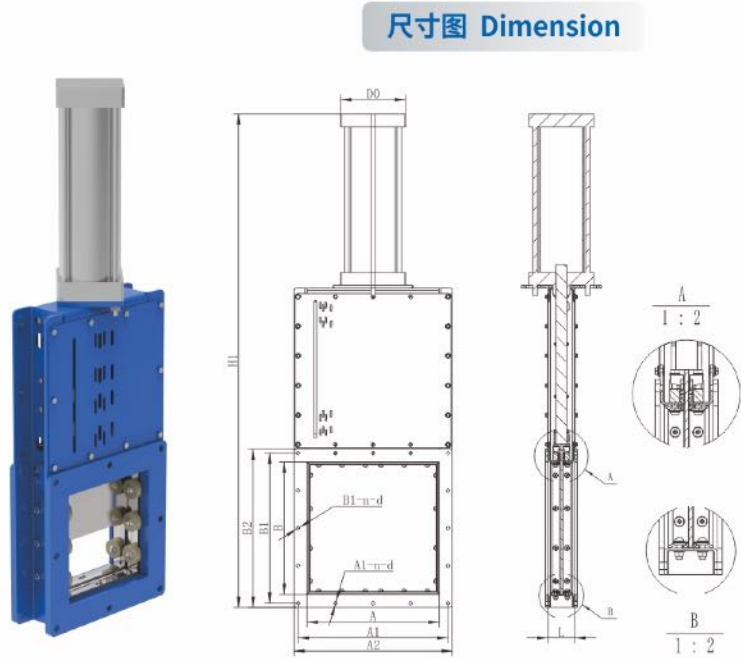
Series

单向全封闭方闸门

Unidirectional Sealing Knife Gate Valve

适用介质:水、污水、浆液

Applicable Medium: Water, Sewage, Slurry



单位:mm unit:mm

DN	L	A1	B1	A2	B2	A1-n-d	B1-n-d	D0	H1	板厚 Plate Thickness	密封压力 (MPa) Sealing Pressure (MPa)	重量 (kg) weight (kg)
100×100	80	162	162	190	190	3-M10	3-M10	80	384			
125×125	80	187	187	215	215	3-M10	3-M10	80	449			
150×150	80	212	212	240	240	3-M10	3-M10	100	490			
200×200	80	262	262	290	290	3-M10	3-M10	100	571			
250×250	80	312	312	340	340	4-M10	4-M10	125	662			
300×300	80	362	362	390	390	4-M10	4-M10	125	758			
350×350	100	418	418	450	450	4-M12	4-M12	125	884			
400×400	100	468	468	500	500	4-M12	4-M12	125	986			
450×450	100	518	518	550	550	5-M12	5-M12	125	1091			
500×500	100	568	568	600	600	5-M12	5-M12	160	1218			
800×800	120	874	874	906	906	7-M14	7-M14	160×2	1867			
900×900	140	984	984	1016	1016	7-M14	7-M14	160×2	2072			
950×950	140	1034	1034	1066	1066	8-M14	8-M14	160×2	2172			
1000×1000	140	1084	1084	1120	1120	8-M14	8-M14	160×2	2270			
1050×1050	140	1134	1134	1166	1166	8-M14	8-M14		3500			
1100×1100	140	1168	1168	1216	1216	9-M14	9-M14		3600			
1150×1150	140	1218	1218	1266	1266	9-M14	9-M14		3712			
1400×1400	160	1490	1490			10-M16	10-M16		4700			
1450×1450	160	1540	1540			10-M16	10-M16		4820			
1500×1500	180	1600	1600	1640	1640	10-M18	10-M18		5000			
1550×1550	180	1650	1650	1690	1690	10-M18	10-M18		5150			

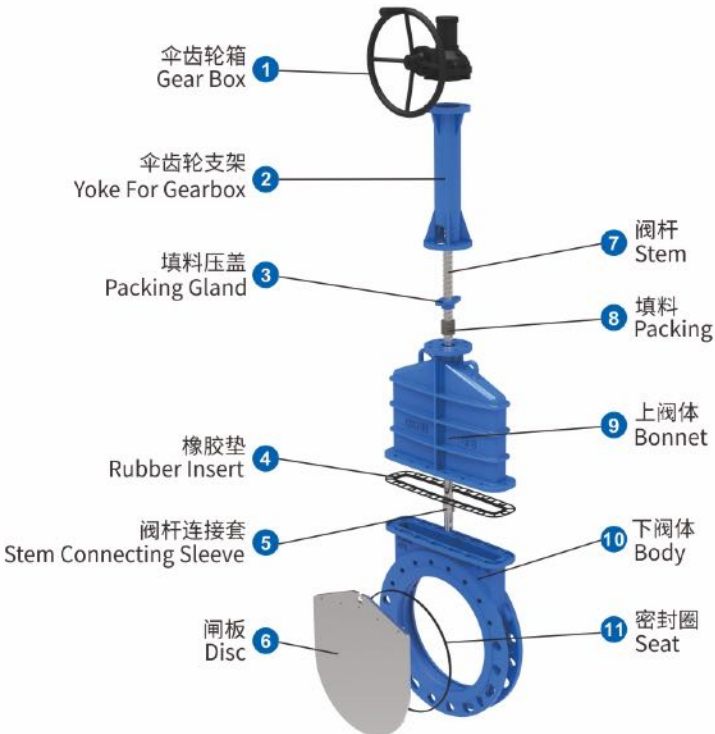
材质表 Material List

材质 Material	QHZ643H-10C	QHZ643H-10P	QHZ643H-10R
阀体材质 Valve Body Material	WCB	CF8	CF8M
闸板材质 Gate Material	SS304	SS304	SS316L
阀杆材质 Stem Material	2Cr13	SS304	SS304
支架材质 Yoke Material	Q235	SS304	SS304



QY 系列 单向无中填料全封闭中压刀闸阀
Series Unidirectional seal Knife Gate Valve

适用介质:水、污水、浆液
Applicable Medium: Water, Sewage, Slurry



型号: QYZ73X
连接形式: 对夹,梅花,法兰
设计标准: JB/T8691-2013
法兰标准: GB/T9113.1-2010
ASME B16.5 (2" _24")
ASME B16.47 (26" _60")
AS2129:TABLE D
AS2129:TABLE E
结构长度: GB/T15188.2-94 chart6-7
检验标准: GB/T13927-2008
开关形式: 手轮, 蜗轮, 气动, 电装, 液动, 电液动, 链轮盘
阀体材质: F55,F53,2205,CF3M,CF8M,CF8,WCB,GGG40
闸板材质: F55,F53,2205,SS310,SS316L,SS316,SS304
密封材质: EPDM,FKM,NBR,PTFE
填料: 四氟
适用介质: 水、污水、浆液

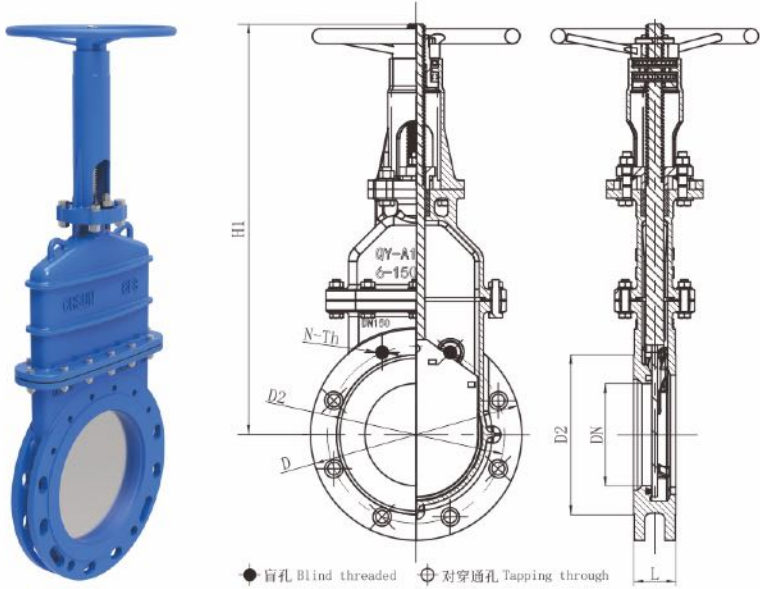
Model: QYZ73X
Type: Wafer,Lug,Flange
Design Standard: MSS SP-81
Flange Standard: DIN PN10,PN16,150LB ,JIS 10K, TABLE E/D
Face to Face: MSS SP-81
Testing Standard: API-598
Operation: handwheel,electric,pneumatic,hydraulic,sprocket,electro-hydraulic, gear
Main material: F55,F53,2205,CF3M,CF8M,CF8,WCB,GGG40
Disc material: F55,F53,2205,SS310,SS316L,SS316,SS304
Sealing material: EPDM,FKM,NBR,PTFE
Packing: PTFE
Applicable medium: Water, Sewage, Slurry



QY 系列 单向无中填料全封闭中压刀闸阀
Series Unidirectional seal Knife Gate Valve

适用介质:水、污水、浆液
Applicable Medium: Water, Sewage, Slurry

尺寸图 Dimension



材质表 Material List

材质 Material	QYZ73X-10C	QYZ73X-10P	QYZ73X-10RL
阀体材质 Valve Body Material	WCB	CF8	CF3M
闸板材质 Gate Material	SS304	SS304	SS316L
阀杆材质 Stem Material	2Cr13	SS304	SS304
支架材质 Yoke Material	Q235	SS304	SS304

单位:mm unit:mm

DN	L	D	D1	D2	N-Th	H1	板厚 Plate Thickness	密封压力 (MPa) Sealing Pressure (MPa)	手动扭力 (Nm) Manual Torque (Nm)	手动圈数 Manual Turns	重量 (kg) weight (kg)
80	51	200	160	132	8-M16	380					
100	51	220	180	156	8-M16	420					
125	57	250	210	184	8-M16	480					
150	57	285	240	211	8-M20	555					
200	70	340	295	266	8-M20	680					
250	70	395	350	319	12-M20	845					
300	76	445	400	370	12-M20	975					
350	76	505	460	429	16-M20	1120					
400	89	565	515	480	16-M24	1240					

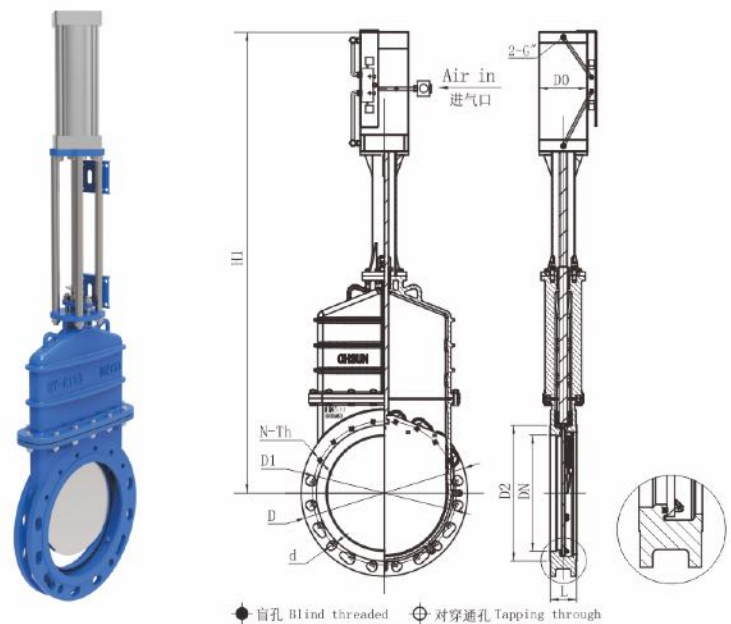


QY 系列
Series

单向无中填料全封闭中压刀闸阀
Unidirectional seal Knife Gate Valve

适用介质:水、污水、浆液
Applicable Medium: Water, Sewage, Slurry

尺寸图 Dimension



材质表 Material List

材质 Material	QYZ673X-10C	QYZ673X-10P	QYZ673X-10RL
阀体材质 Valve Body Material	WCB	CF8	CF3M
闸板材质 Gate Material	SS304	SS304	SS316L
阀杆材质 Stem Material	2Cr13	SS304	SS304
支架材质 Yoke Material	Q235	SS304	SS304

单位:mm unit:mm

DN	L	D	D1	D2	D0	N-Th	H1	板厚 Plate Thickness	密封压力 (MPa) Sealing Pressure (MPa)	重量 (kg) weight (kg)
50										
65										
80	51	200	160	132	50	8-M16	541			
100	51	220	180	156	50	8-M16	588			
125	57	250	210	184	63	8-M16	667			
150	57	285	240	211	80	8-M20	812			
200	70	340	295	266	80	8-M20	991			
250	70	395	350	319	100	12-M20	1200			
300	76	445	400	370	100	12-M20	1368			
350	76	505	460	429	125	16-M20	1586			
400	89	565	515	480	125	16-M24	1713			
450	89	615	565	530	/	20-M24	/			
500	114	670	620	582	250	20-M24	2200			
600	114	780	725	682	/	20-M27	/			
700					/		/			
800	127	1015	950	901	/	24-M30	/			
900	127	1115	1050	1001	/	28-M30	/			
1000	149	1230	1160	1112	/	28-M33	/			

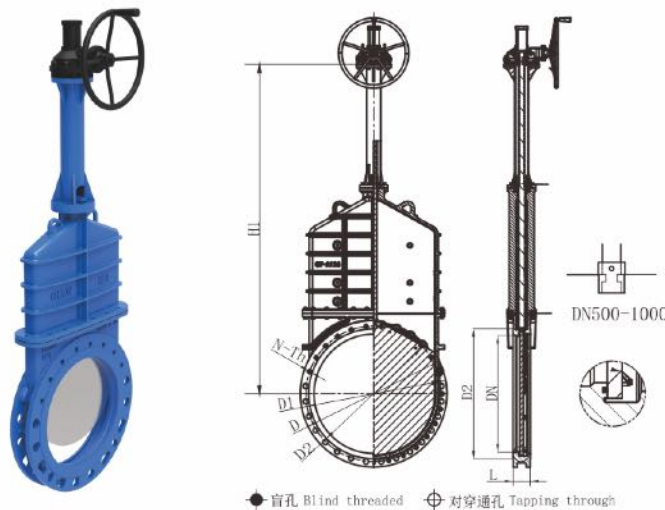


QY 系列
Series

单向无中填料全封闭中压刀闸阀
Unidirectional seal Knife Gate Valve

适用介质:水、污水、浆液
Applicable Medium: Water, Sewage, Slurry

尺寸图 Dimension



材质表 Material List

材质 Material	QYZ573X-10C	QYZ573X-10P	QYZ573X-10RL
阀体材质 Valve Body Material	WCB	CF8	CF3M
闸板材质 Gate Material	SS304	SS304	SS316L
阀杆材质 Stem Material	2Cr13	SS304	SS304
支架材质 Yoke Material	Q235	SS304	SS304

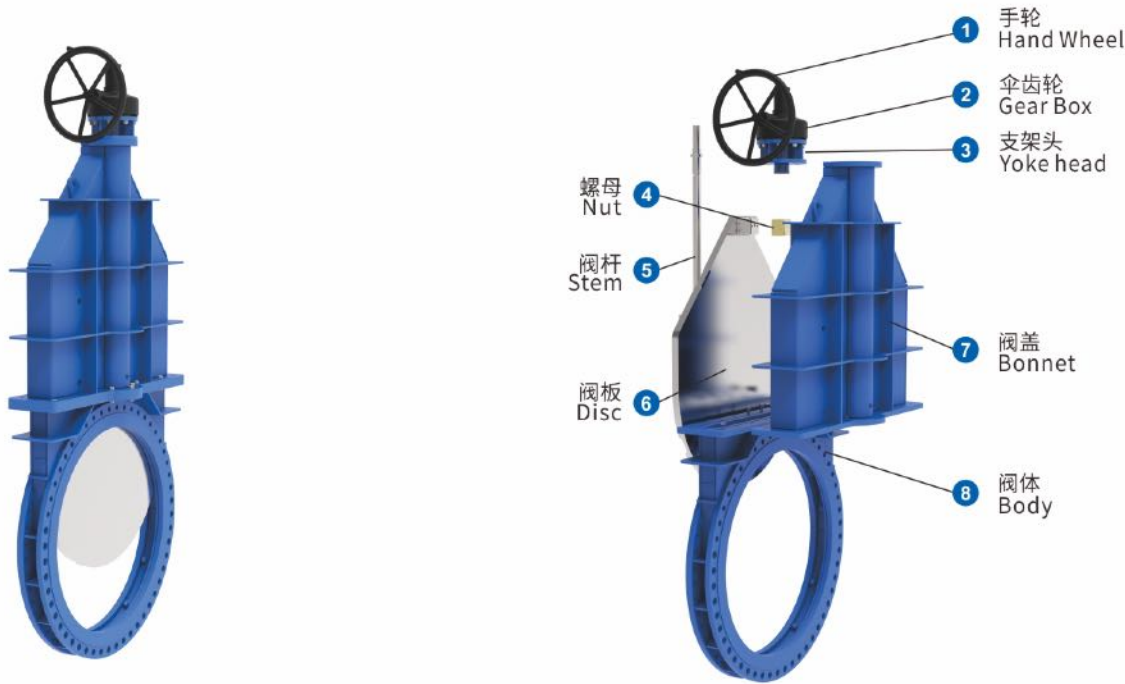
单位:mm unit:mm

DN	L	D	D1	D2	N-Th	H1	板厚 Plate Thickness	密封压力 (MPa) Sealing Pressure (MPa)	伞齿轮扭力 (Nm) Bevel Gear Torque (Nm)	伞齿轮圈数 Bevel Gear Turns	重量 (kg) weight (kg)
80	51	200	160	132	8-M16						
100	51	220	180	156	8-M16						
125	57	250	210	184	8-M16						
150	57	285	240	211	8-M20						
200	70	340	295	266	8-M20						
250	70	395	350	319	12-M20						
300	76	445	400	370	12-M20						
350	76	505	460	429	16-M20						
400	89	565	515	480	16-M24						
450	89	615	565	530	20-M24						
500	114	670	620	582	20-M24	1474					
600	114	780	725	682	20-M27	1754					
700											
800	127	1015	950	901	24-M30	2297					
900	127	1115	1050	1001	28-M30	2548					
1000	149	1230	1160	1112	28-M33	2821					
1200	156	1455	1380	1328	32-M36						
1400	171	1675	1590	1530	36-M39						
1500	198	1795	1705	1640	40-M39						
1600	198	1915	1820	1750	40-M45						
1800	219	2115	2020	1950	44-M45						
2000	250	2325	2230	2150	48-M45						



QYA 系列 单向暗杆暗板式全封闭刀闸阀
Series Unidirectional seal enclosed Knife Gate Valve

适用介质: 水、污水、浆液
Applicable Medium: Water, Sewage, Slurry



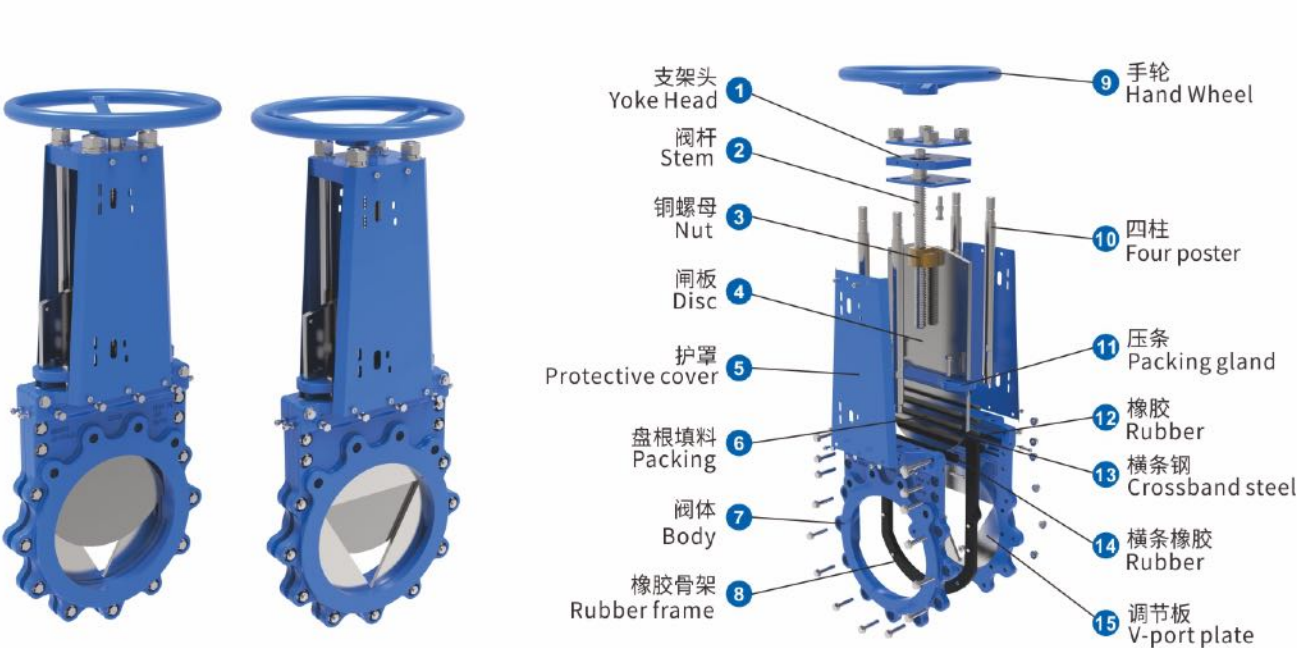
型号: QYAZ73X
工作压力: DN50-DN100 1.6Mpa DN650-DN750 0.4Mpa
DN125-DN200 1.0Mpa DN800-DN900 0.3Mpa
DN250-DN400 0.7Mpa DN1000 0.2Mpa
DN450-DN600 0.5Mpa DN1100-DN1400 0.2Mpa
连接形式: 对夹, 法兰
设计标准: JB/T8691-2013
法兰标准: GB/T9113.1-2010
ASME B16.5 (2" _24")
ASME B16.47 (26" _60")
AS2129: TABLE D
AS2129: TABLE E
结构长度: GB/T15188.2-94 chart6-7
检验标准: GB/T13927-2008
开关形式: 手轮, 涡轮, 气动, 电装, 液动, 电液动, 链轮盘
阀体材质: F55, F53, 2205, CF3M, CF8M, WCB, GGG40
闸板材质: F55, F53, 2205, SS310, SS316L, SS316, SS304
密封材质: EPDM, FKM, NBR, PTFE
填料: 四氟
适用介质: 水、污水、浆液

Model: QYAZ73X
Working Pressure: DN50-DN100 16bar DN650-DN750 4bar
DN125-DN200 10bar DN800-DN900 3bar
DN250-DN400 7bar DN1000 2bar
DN450-DN600 5bar DN1100-DN1400 2bar
Type: Wafer, Flange
Design Standard: MSS SP-81
Flange Standard: DIN PN10, PN16, 150LB, JIS 10K, TABLE E/D
Face to Face: MSS SP-81
Testing Standard: API-598
Operation: handwheel, electric, pneumatic, hydraulic, sprocket, electro-hydraulic, gear
Main material: F55, F53, 2205, CF3M, CF8M, WCB, GGG40
Disc material: F55, F53, 2205, SS310, SS316L, SS316, SS304
Sealing material: EPDM, FKM, NBR, PTFE
Packing: PTFE
Applicable medium: Water, Sewage, Slurry



QMG 系列 分体式双向带U型调节型密封刀闸阀
Series Bidirectional seal with U - type and adjustable knife gate valve

适用介质: 水、污水、浆液
Applicable Medium: Water, Sewage, Slurry



型号: QMGZ73X
工作压力: DN50-DN150 1.6Mpa
DN200-DN450 1.0Mpa
DN500-DN600 0.8Mpa
连接形式: 对夹, 尾部
设计标准: JB/T8691-2013, MSS SP-81
法兰标准: GB/T9113.1-2010
ASME B16.5 (2" _24")
ASME B16.47 (26" _60")
AS2129: TABLE D
AS2129: TABLE E
结构长度: GB/T15188.2-94 chart6-7
检验标准: GB/T13927-2008
开关形式: 手轮, 电动, 气动, 液动, 伞齿轮
阀体材质: Q235, SS304, SS316L
闸板材质: GGG40, CF8, CF3M
密封材质: NBR, EPDM, FKM
填料: PTFE
适用介质: 水、污水、浆液

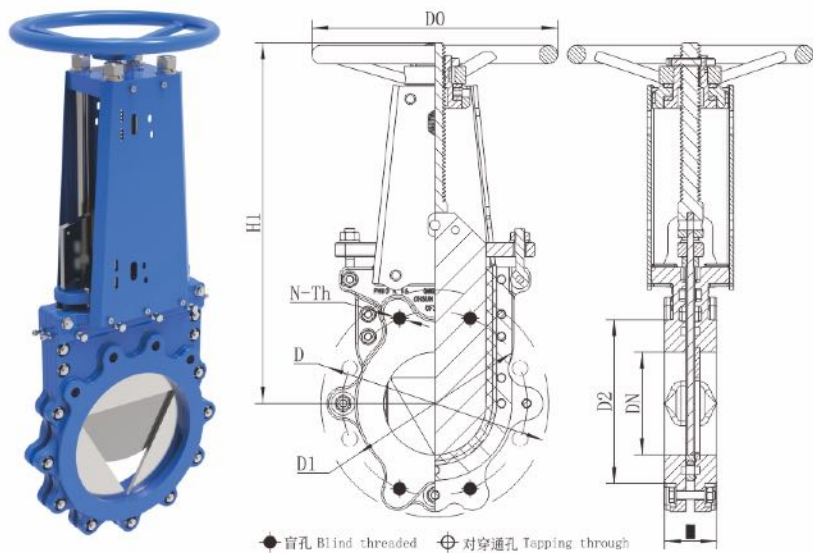
Model: QMGZ73X
Working Pressure: DN50-DN150 16bar
DN200-DN450 10bar
DN500-DN600 8bar
Type: Wafer, End
Design Standard: MSS SP-81
Flange Standard: DIN PN10, PN16, 150LB, JIS 10K, TABLE E/D
Face to Face: MSS SP-81
Testing Standard: API-598
Operation: handwheel, electric, pneumatic, hydraulic, gear
Main material: Q235, SS304, SS316L
Disc material: GGG40, CF8, CF3M
Sealing material: NBR, EPDM, FKM
Packing: PTFE
Applicable medium: Water, Sewage, Slurry



QMG系列 分体式双向带U型调节型密封刀闸阀
Series Bidirectional seal with U - type and adjustable knife gate valve

适用介质:水、污水、浆液
Applicable Medium: Water, Sewage, Slurry

尺寸图 Dimension



材质表 Material List

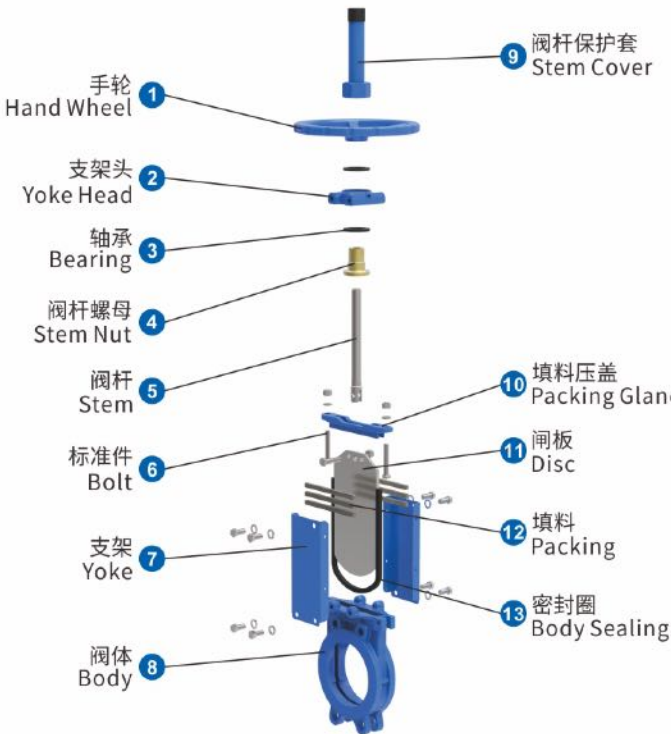
材质 Material	QMGZ73X-10Q	QMGZ73X-10P	QMGZ73X-10R	QMGZ73X-10RL
阀体材质 Valve Body Material	GGG40	CF8	CF8M	CF3M
闸板材质 Gate Material	SS304	SS304	SS316L	SS316L
阀杆材质 Stem Material	2Cr13	SS304	SS304	SS304
支架材质 Yoke Material	Q235	SS304	SS304	SS304

单位:mm unit:mm

DN	L	D	D1	D2	N-Th	D0	H1	板厚 Plate Thickness	密封压力(MPa) Sealing Pressure (MPa)	手动扭力(Nm) Manual Torque (Nm)	手动圈数 Manual Turns	重量(kg) weight(kg)
50	41	165	125	99	4-M16	200	268					
65	41	185	145	118	4-M16	200	299					
80	51	200	160	132	8-M16	220	307					
100	51	220	180	156	8-M16	240	352					
125	51	250	210	184	8-M16	260	421					
150	61	285	240	211	8-M20	280	497					
200	61	340	295	266	8-M20	300	588					
250	70.5	395	350	319	12-M20	320						
300	70.5	445	400	370	12-M20	350						
350	80.5	505	460	429	16-M20	400						
400	80.5	565	515	480	16-M24	450						

QU系列 整体式双向无凹槽刀闸阀
Series Bi-directional seal Knife Gate Valve

适用介质:水、污水、浆液
Applicable Medium: Water, Sewage, Slurry



型号: QUZ73X
连接形式: 对夹
设计标准: JB/T8691-2013
法兰标准: GB/T9113.1-2010
ASME B16.5 (2" _24")
ASME B16.47 (26" _60")
AS2129:TABLE D
AS2129:TABLE E
结构长度: GB/T15188.2-94 chart6-7
检验标准: GB/T13927-2008
开关形式: 手轮, 涡轮, 气动, 电装, 液动, 电液动, 链轮盘, 杠杆
阀体材质: GGG40
闸板材质: SS316L, SS304
密封材质: NBR, EPDM
填料: 芳纶, 高水基, 四氟, 橡胶
适用介质: 水、污水、浆液

Model: QUZ73X
Type: Wafer
Design Standard: MSS SP-81
Flange Standard: DIN PN10, PN16, 150LB, JIS10K, TABLE E/D
Face to Face: MSS SP-81
Testing Standard: API-598
Operation: handwheel, gear box, electric, pneumatic, hydraulic, sprocket, lever
Main material: GGG40
Disc material: SS316L, SS304
Sealing material: NBR, EPDM
Packing: Aramid fiber, high-water based fiber, rubber, graphite
Applicable medium: Water, Sewage, Slurry

QU系列
Series

整体式双向无凹槽刀闸阀
Bi-directional seal Knife Gate Valve

适用介质:水、污水、浆液
Applicable Medium: Water, Sewage, Slurry

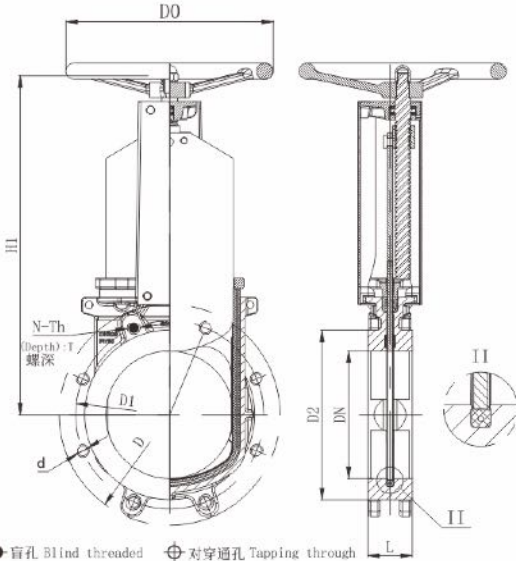
尺寸图 Dimension



明杆
Rising Stem



暗杆
Non-Rising Stem



盲孔 Blind threaded
对穿通孔 Tapping through

材质表 Material List

材质 Material	QUZ73X-10G
阀体材质 Valve Body Material	GGG40
闸板材质 Gate Material	SS304
阀杆材质 Stem Material	2Cr13
支架材质 Yoke Material	Q235

单位:mm unit:mm

DN	L	D	D1	D2	D0	N-Th	d	H1	板厚 Plate Thickness	密封压力(MPa) Sealing Pressure (MPa)	手动扭力(Nm) Manual Torque (Nm)	手动圈数 Manual Turns	重量(kg) weight (kg)
50	48	165	125	99	180	4-M16	Φ18	290	6	1.6	45	15	7
65	48	185	145	118	200	4-M16	Φ18	330	6	1.6	45	19	8
80	51	200	160	132	200	8-M16	Φ18	358	6	1.6	45	22	10
100	51	220	180	156	240	8-M16	Φ18	378	6	1.6	45	27	12
125	57	250	210	184	260	8-M16	Φ18	428	6	1.4	45	34	17.5
150	57	285	240	211	280	8-M20	Φ23	490	8	1.4	50	33	23
200	70	340	295	266	300	8-M20	Φ23	588	8	1.3	50	43	33
250	70	395	350	319	320	12-M20	Φ23	690	10	1.2	75	53	48
300	76	445	400	370	350	12-M20	Φ23	815	10	1.0	75	63	62
350	76	505	460	429	400	16-M20	Φ23	890	10	0.8	90	62	87
400	89	565	515	480	450	16-M24	Φ27	980	12	0.6	90	69	104
450	89	615	565	530		20-M24	Φ27		12	0.6			145
500	114	670	620	582		20-M24	Φ27		14	0.5			230
600	114	780	725	682		20-M27	Φ30		16	0.5			320
700	127	895	840	794		24-M27	Φ30		16	0.4			500
800	127	1015	950	901		24-M30	Φ33		18	0.3			612
900	127	1115	1050	1001		28-M30	Φ33		18	0.25			
1000	149	1230	1160	1112		28-M33	Φ36		20	0.25			

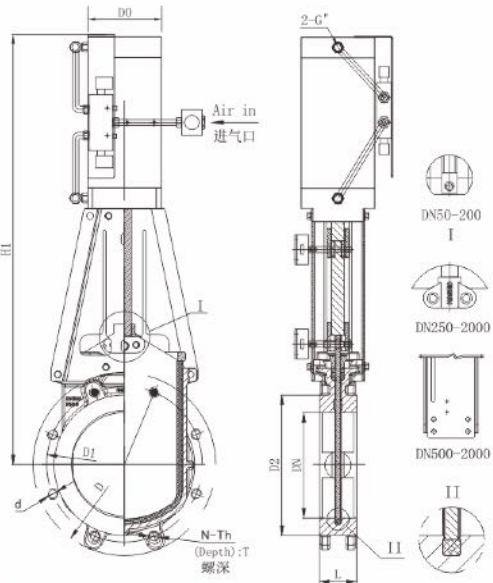
QU系列
Series

整体式双向无凹槽刀闸阀
Bi-directional seal Knife Gate Valve

适用介质:水、污水、浆液
Applicable Medium: Water, Sewage, Slurry

尺寸图 Dimension





盲孔 Blind threaded
对穿通孔 Tapping through

材质表 Material List

材质 Material	QUZ673X-10G
阀体材质 Valve Body Material	GGG40
闸板材质 Gate Material	SS304
阀杆材质 Stem Material	2Cr13
支架材质 Yoke Material	Q235

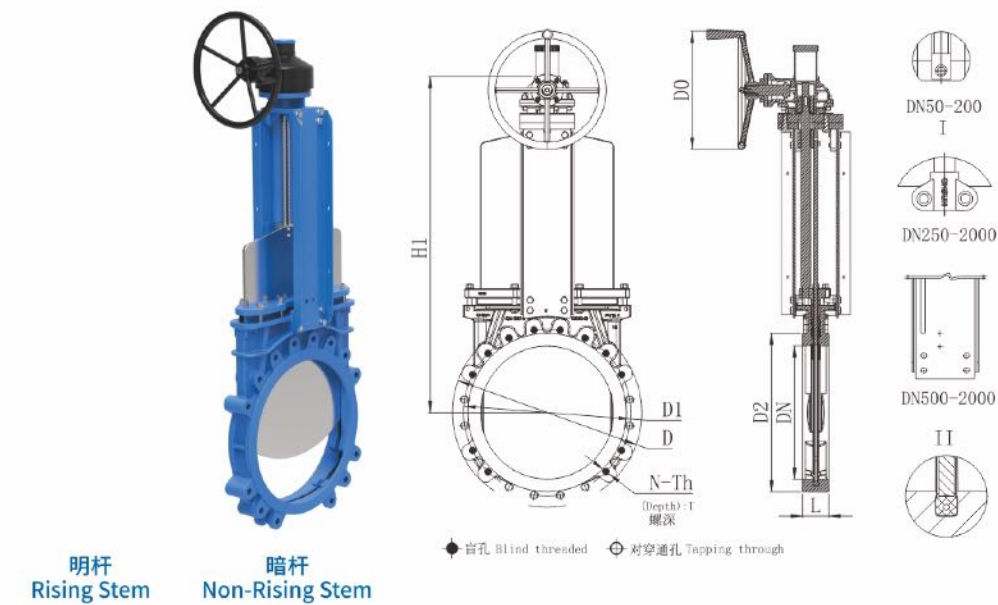
单位:mm unit:mm

DN	L	D	D1	D2	D0	N-Th	d	H1	板厚 Plate Thickness	密封压力(MPa) Sealing Pressure (MPa)	重量(kg) weight (kg)
50	48	165	125	99	180	4-M16	Φ18	290	6	1.6	
65	48	185	145	118	200	4-M16	Φ18	330	6	1.6	
80	51	200	160	132	200	8-M16	Φ18	358	6	1.6	
100	51	220	180	156	240	8-M16	Φ18	378	6	1.6	
125	57	250	210	184	260	8-M16	Φ18	428	6	1.4	
150	57	285	240	211	280	8-M20	Φ23	490	8	1.4	
200	70	340	295	266	300	8-M20	Φ23	588	8	1.3	
250	70	395	350	319	320	12-M20	Φ23	690	10	1.2	
300	76	445	400	370	350	12-M20	Φ23	815	10	1.0	
350	76	505	460	429	400	16-M20	Φ23	890	10	0.8	
400	89	565	515	480	450	16-M24	Φ27	980	12	0.6	
450	89	615	565	530		20-M24	Φ27		12	0.6	
500	114	670	620	582		20-M24	Φ27		14	0.5	
600	114	780	725	682		20-M27	Φ30		16	0.5	
700	127	895	840	794		24-M27	Φ30		16	0.4	
800	127	1015	950	901		24-M30	Φ33		18	0.3	
900	127	1115	1050	1001		28-M30	Φ33		18	0.25	
1000	149	1230	1160	1112		28-M33	Φ36		20	0.25	



QU 系列 整体式双向无凹槽刀闸阀
Series Bi-directional seal Knife Gate Valve
适用介质:水、污水、浆液
Applicable Medium: Water, Sewage, Slurry

尺寸图 Dimension



材质表 Material List

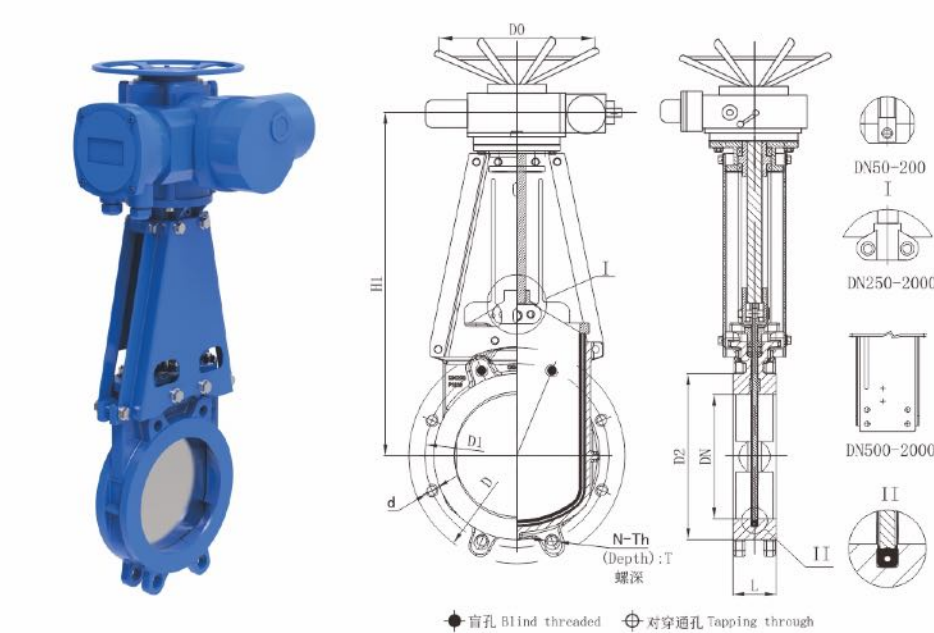
材质 Material	QUZ573X-10G
阀体材质 Valve Body Material	GGG40
闸板材质 Gate Material	SS304
阀杆材质 Stem Material	2Cr13
支架材质 Yoke Material	Q235

单位:mm unit:mm

DN	L	D	D1	D2	D0	N-Th	d	H1	板厚 Plate Thickness	密封压力 (MPa) Sealing Pressure (MPa)	伞齿轮扭力 (Nm) Bevel Gear Torque (Nm)	伞齿轮圈数 Bevel Gear Turns	重量 (kg) weight (kg)
50	48	165	125	99	F10	4-M16	Φ19	368	6	1.6	20	38	
65	48	185	145	118	F10	4-M16	Φ19	375	6	1.6	20	48	
80	51	200	160	132	F10	8-M16	Φ19	420	6	1.6	20	55	
100	51	220	180	156	F10	8-M16	Φ19	457	6	1.6	20	68	
125	57	250	210	184	F10	8-M16	Φ19	503	6	1.4	20	85	
150	57	285	240	211	F10	8-M20	Φ23	564	8	1.4	30	83	
200	70	340	295	266	F10	8-M20	Φ23	645	8	1.3	30	108	
250	70	395	350	319	F10	12-M20	Φ23	750	10	1.2	35	133	
300	76	445	400	370	F10	12-M20	Φ23	860	10	1.0	35	158	
350	76	505	460	429	F12	16-M20	Φ23	960	10	0.8	45	186	
400	89	565	515	480	F12	16-M24	Φ27	1060	12	0.6	45	207	
450	89	615	565	530	F12	20-M24	Φ27	1220	12	0.6	105	230	
500	114	670	620	582	F14	20-M24	Φ27	1330	14	0.5	105	255	
600	114	780	725	682	F16	20-M27	Φ30	1460	16	0.5	115	370	
700	127	895	840	794	F16	24-M27	Φ30	1750	16	0.4	115	370	
800	127	1015	950	901	F20	24-M30	Φ33	1940	18	0.3	125	480	
900	127	1115	1050	1001	F20	28-M30	Φ33	2105	18	0.25	125	540	
1000	149	1230	1160	1112	F20	28-M33	Φ36	2265	20	0.25	140	665	
1200													
1400													

QU 系列 整体式双向无凹槽刀闸阀
Series Bi-directional seal Knife Gate Valve
适用介质:水、污水、浆液
Applicable Medium: Water, Sewage, Slurry

尺寸图 Dimension



材质表 Material List

材质 Material	QUZ973X-10G
阀体材质 Valve Body Material	GGG40
闸板材质 Gate Material	SS304
阀杆材质 Stem Material	2Cr13
支架材质 Yoke Material	Q235

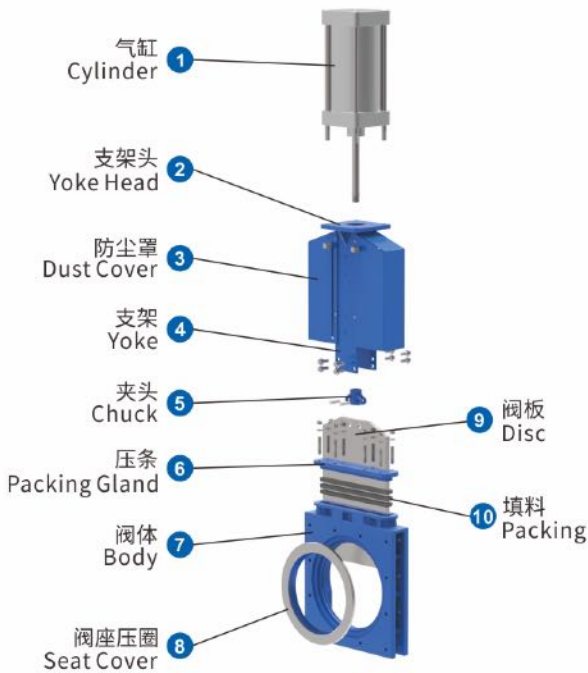
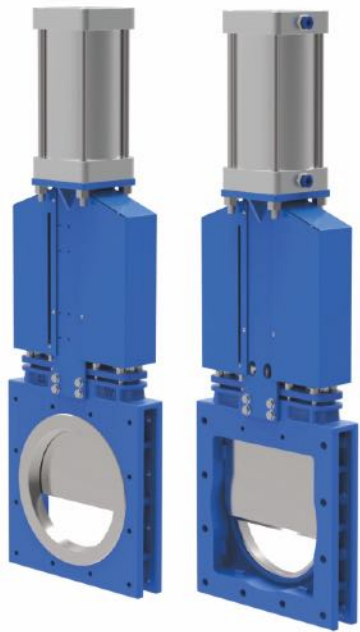
单位:mm unit:mm

DN	L	D	D1	D2	D0	N-Th	d	H1	板厚 Plate Thickness	密封压力 (MPa) Sealing Pressure (MPa)	重量 (kg) weight (kg)
50	48	165	125	99	365	4-M16	Φ18	410	6	1.6	
65	48	185	145	118	365	4-M16	Φ18	420	6	1.6	
80	51	200	160	132	365	8-M16	Φ18	460	6	1.6	
100	51	220	180	156	365	8-M16	Φ18	500	6	1.6	
125	57	250	210	184	365	8-M16	Φ18	540	6	1.4	
150	57	285	240	211	365	8-M20	Φ23	610	8	1.4	
200	70	340	295	266	365	8-M20	Φ23	690	8	1.3	
250	70	395	350	319	365	12-M20	Φ23	820	10	1.2	
300	76	445	400	370	365	12-M20	Φ23	930	10	1.0	
350	76	505	460	429	365	16-M20	Φ23	1010	10	0.8	
400	89	565	515	480	365	16-M24	Φ27	1110	12	0.6	
450	89	615	565	530	365	20-M24	Φ27	1400	12	0.6	
500	114	670	620	582	365	20-M24	Φ27	1450	14	0.5	
600	114	780	725	682	365	20-M27	Φ30	1550	16	0.5	
700	127	895	840	794	365	24-M27	Φ30	1820	16	0.4	
800	127	1015	950	901	365	24-M30	Φ33	2010	18	0.3	
900	127	1115	1050	1001	550	28-M30	Φ33		18	0.25	
1000	149	1230	1160	1112	550	28-M33	Φ36		20	0.25	



QD 系列 单向排渣专用刀闸阀
Series Unidirectional seal Knife Gate Valve Slag disposal

适用介质:造纸、纸浆
Applicable Medium: Papermaking Pulp, Stock



型号: QDZ43X
工作压力: DN150-DN200 1.0Mpa
DN250-DN400 0.7Mpa
DN450-DN550 0.5Mpa
DN600-DN700 0.3Mpa
连接形式: 法兰
设计标准: JB/T8691-2013
法兰标准: GB/T9113.1-2010
ASME B16.5 (2" _24")
ASME B16.47 (26" _60")
AS2129:TABLE D
AS2129:TABLE E
结构长度: GB/T15188.2-94 chart6-7
检验标准: GB/T13927-2008
开关形式: 手轮, 涡轮, 气动, 电装, 液动, 电液动, 链轮盘, 杠杆
阀体材质: F55, F53, 2205, CF3M, CF8M, CF8, WCB, GGG40
闸板材质: F55, F53, 2205, SS310, SS316L, SS316, SS304
密封材质: NBR, EPDM, PTFE, FKM, 石墨, 金属密封
填料: 芳纶, 高水基, 四氟, 橡胶, 石墨
适用介质: 造纸、纸浆

Model: QDZ43X
Working Pressure: DN150-DN200 10bar
DN250-DN400 7bar
DN450-DN550 5bar
DN600-DN700 3bar
Type: Flange
Design Standard: MSS SP-81
Flange Standard: PN10/PN16 150LB 10K TE TD
Face to Face: MSS SP-81
Testing Standard: API-598
Operation: handwheel, electric, pneumatic, hydraulic, sprocket, electro-hydraulic, gear, lever
Main material: F55, F53, 2205, CF3M, CF8M, CF8, WCB, GGG40
Disc material: F55, F53, 2205, SS310, SS316L, SS316, Ss304
Sealing material: NBR, EPDM, PTFE, FKM, Graphite, Metal
Packing: Aramid fiber, high-water based fiber, rubber, PTFE, graphite
Applicable medium: Papermaking Pulp, Stock



QDY 系列 单向排渣专用刀闸阀
Series Unidirectional seal Knife Gate Valve Slag disposal

适用介质:造纸、纸浆
Applicable Medium: Papermaking Pulp, Stock



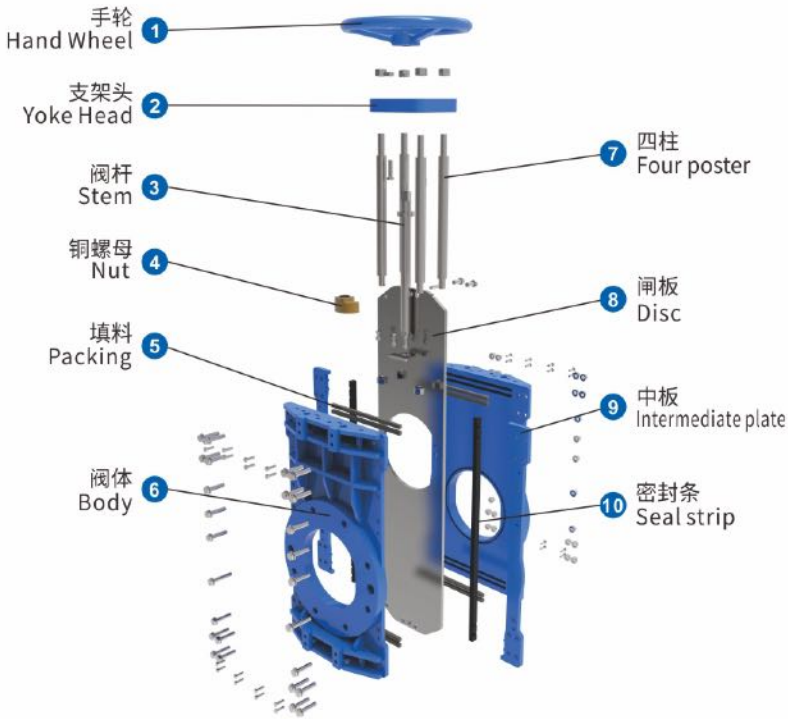
型号: QDYZ673X
工作压力: DN150-DN200 1.0Mpa
DN250-DN400 0.7Mpa
DN450-DN550 0.5Mpa
DN600-DN700 0.3Mpa
连接形式: 对夹
设计标准: JB/T8691-2013
法兰标准: GB/T9113.1-2010
ASME B16.5 (2" _24")
ASME B16.47 (26" _60")
AS2129:TABLE D
AS2129:TABLE E
结构长度: GB/T15188.2-94 chart6-7
检验标准: GB/T13927-2008
开关形式: 手轮, 涡轮, 气动, 电装, 液动, 电液动, 链轮盘, 杠杆
阀体材质: F55, F53, 2205, CF3M, CF8M, CF8, WCB, GGG40
闸板材质: F55, F53, 2205, SS310, SS316L, SS316, SS304
密封材质: NBR, EPDM, FKM
填料: 芳纶, 高水基, 四氟, 橡胶
适用介质: 造纸、纸浆

Model: QDYZ673X
Working Pressure: DN150-DN200 10bar
DN250-DN400 7bar
DN450-DN550 5bar
DN600-DN700 3bar
Type: Wafer
Design Standard: MSS SP-81
Flange Standard: DIN PN10, PN16, 150LB, JIS 10K, TABLE E/D
Face to Face: MSS SP-81
Testing Standard: API-598
Operation: handwheel, electric, pneumatic, hydraulic, sprocket, electro-hydraulic, gear, lever
Main material: F55, F53, 2205, CF3M, CF8M, CF8, WCB, GGG40
Disc material: F55, F53, 2205, SS310, SS316L, SS316, Ss304
Sealing material: NBR, EPDM, FKM
Packing: Aramid fiber, high-water based fiber, rubber, PTFE
Applicable medium: Papermaking Pulp, Stock



QCA 系列 双向密封穿透式刀闸阀
Series Bi-directional Through type Knife Gate Valve

适用介质: 液浆、胶水、粉固物料
Applicable Medium: Liquid Slurry, Adhesive, Powder & Solid Materials



型号: QCAZ73X
连接形式: 对夹
设计标准: JB/T8691-2013
法兰标准: GB/T9113.1-2010
ASME B16.5 (2"~24")
ASME B16.47 (26"~60")
AS2129:TABLE D
AS2129:TABLE E
结构长度: GB/T15188.2-94 chart6-7
检验标准: GB/T13927-2008
开关形式: 手轮, 涡轮, 气动, 电装, 液动, 电液动, 链轮盘, 杠杆
阀体材质: F55, F53, 2205, CF3M, CF8M, CF8, WCB
闸板材质: F55, F53, 2205, SS310, SS316L, SS316, Ss304
密封材质: NBR, EPDM, PTFE, FKM, 石墨, 金属密封
填料: 芳纶, 高压机, 四氟, 橡胶, 石墨
适用介质: 液浆、胶水、粉固物料

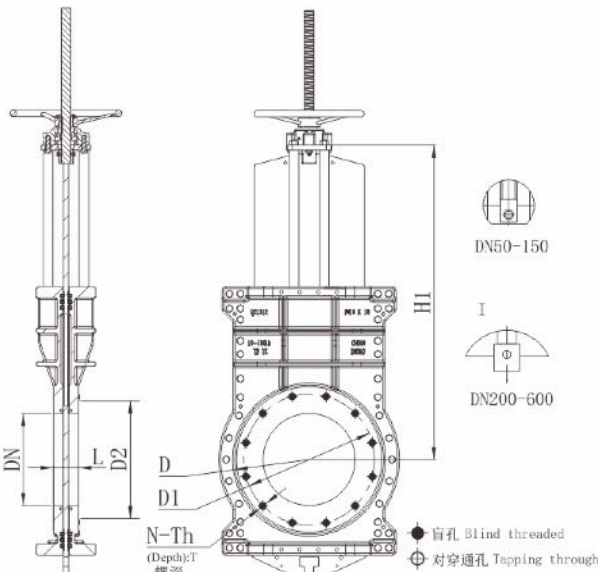
Model: QCAZ73X
Type: Wafer
Design Standard: MSS SP-81
Flange Standard: DIN PN10, PN16, 150LB, JIS 10K, TABLE E/D
Face to Face: MSS SP-81
Testing Standard: API-598
Operation: handwheel, electric, pneumatic, hydraulic, sprocket, electro-hydraulic, gear box, lever
Main material: F55, F53, 2205, CF3M, CF8M, CF8, WCB
Disc material: F55, F53, 2205, SS310, SS316L, SS316, Ss304
Sealing material: NBR, EPDM, PTFE, FKM, Graphite, Metal
Packing: Aramid fiber, high-water based fiber, rubber, PTFE, graphite
Applicable medium: Liquid Slurry, Adhesive, Powder & Solid Materials



QCA 系列 双向密封穿透式刀闸阀
Series Bi-directional Through type Knife Gate Valve

适用介质: 液浆、胶水、粉固物料
Applicable Medium: Liquid Slurry, Adhesive, Powder & Solid Materials

尺寸图 Dimension



材质表 Material List

材质 Material	QCAZ74X-10C	QCAZ74X-10P	QCAZ74X-10RL
阀体材质 Valve Body Material	WCB	CF8	CF3M
闸板材质 Gate Material	SS304	SS304	SS316L
阀杆材质 Stem Material	2Cr13	SS304	SS304
支架材质 Yoke Material	Q235	SS304	SS304

单位:mm unit:mm

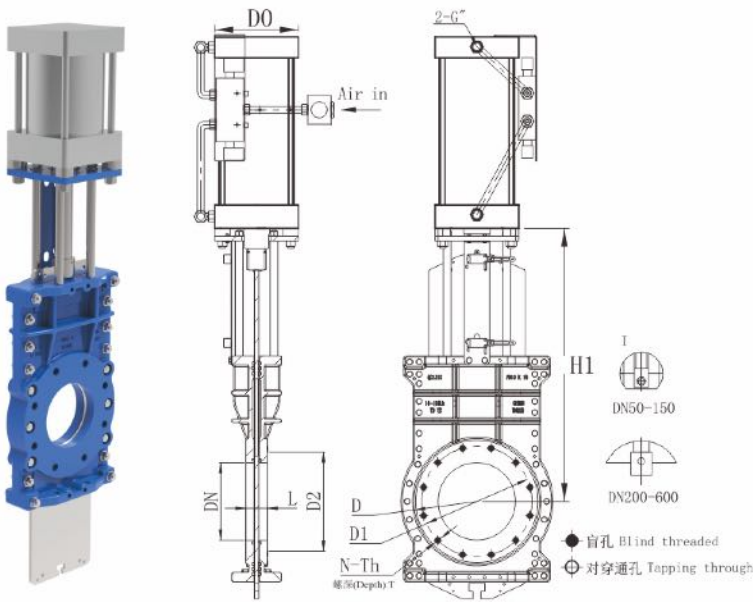
DN	L	D	D1	D2	N-Th	T	H1	板厚 Plate Thickness	密封压力(MPa) Sealing Pressure(MPa)	手动扭力(Nm) Manual Torque(Nm)	手动圈数 Manual Turns	重量(kg) weight(kg)
50	48	165	125	99	4-M16	12	283					
65	48	185	145	118	4-M16	12						
80	51	200	160	132	8-M16	12	385					
90	51	210	170	142	8-M16	12						
100	51	220	180	156	8-M16	12	447	8	1.6			
125	57	250	210	184	8-M16	12	510					
150	57	285	240	211	8-M20	14	586	8	2.0			
200	70	340	295	266	8-M20	16	721	12	1.4			
250	70	395	350	319	12-M20	16	894	14	2.4			
300	76	445	400	370	12-M20	16	1018	15	1.2			
350	76	505	460	429	16-M20	18	1148	16	1.0			
400	89	565	515	480	16-M24	20		16	0.8			



QCA 系列 双向密封穿透式刀闸阀
Series Bi-directional Through type Knife Gate Valve

适用介质: 液浆、胶水、粉固物料
Applicable Medium: Liquid Slurry, Adhesive, Powder & Solid Materials

尺寸图 Dimension



材质表 Material List

材质 Material	QCAZ674X-10C	QCAZ674X-10P	QCAZ674X-10RL
阀体材质 Valve Body Material	WCB	CF8	CF3M
闸板材质 Gate Material	SS304	SS304	SS316L
阀杆材质 Stem Material	2Cr13	SS304	SS304
支架材质 Yoke Material	Q235	SS304	SS304

单位:mm unit:mm

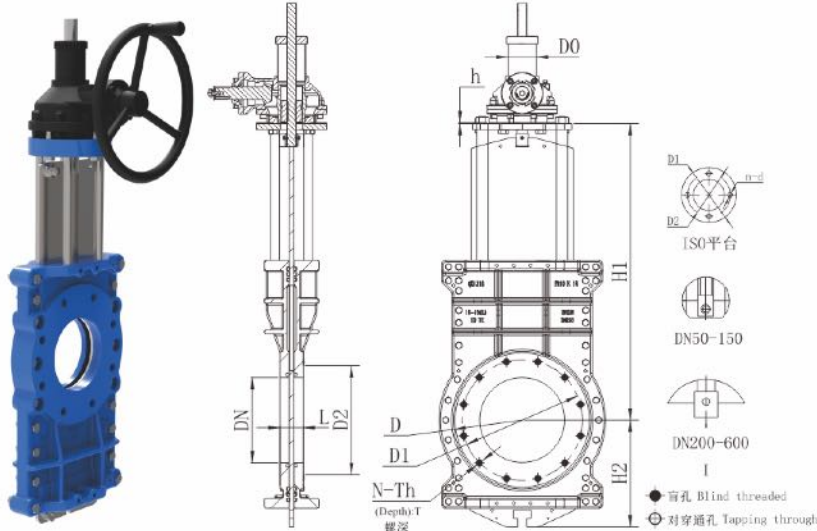
DN	L	D	D1	D2	N-Th	T	H1	板厚 Plate Thickness	密封压力 (MPa) Sealing Pressure (MPa)	重量 (kg) weight (kg)
50	48	165	125	99	4-M16	12				
65	48	185	145	118	4-M16	12				
80	51	200	160	132	8-M16	12	368			
100	51	220	180	156	8-M16	12	428	8	1.6	
125	57	250	210	184	8-M16	12	484			
150	57	285	240	211	8-M20	14	553	8	2.0	
200	70	340	295	266	8-M20	16	727	12	1.4	
250	70	395	350	319	12-M20	16	880	14	2.4	
300	76	445	400	370	12-M20	16	1060	15	1.2	
350	76	505	460	429	16-M20	18	1183	16	1.0	
400	89	565	515	480	16-M24	20	1335	16	0.8	



QCA 系列 双向密封穿透式刀闸阀
Series Bi-directional Through type Knife Gate Valve

适用介质: 液浆、胶水、粉固物料
Applicable Medium: Liquid Slurry, Adhesive, Powder & Solid Materials

尺寸图 Dimension



材质表 Material List

材质 Material	QCAZ574X-10C	QCAZ574X-10P	QCAZ574X-10RL
阀体材质 Valve Body Material	WCB	CF8	CF3M
闸板材质 Gate Material	SS304	SS304	SS316L
阀杆材质 Stem Material	2Cr13	SS304	SS304
支架材质 Yoke Material	Q235	SS304	SS304

单位:mm unit:mm

DN	L	D	D1	D2	D0	N-Th	T	H1	H2	板厚 Plate Thickness	密封压力 (MPa) Sealing Pressure (MPa)	伞齿轮扭力 (Nm) Bevel Gear Torque (Nm)	伞齿轮圈数 Bevel Gear Turns	重量 (kg) weight (kg)
50	48	165	125	99	365	4-M16	12	251	188					
65	48	185	145	118	365	4-M16	12							
80	51	200	160	132	365	8-M16	12	307	227					
100	51	220	180	156	365	8-M16	12	346	264	8	1.6			
125	57	250	210	184	365	8-M16	12							
150	57	285	240	211	365	8-M20	14	439	341	8	2.0			
200	70	340	295	266	365	8-M20	16	517	422	12	1.4			
250	70	395	350	319	365	12-M20	16	619	505	14	2.4			
300	76	445	400	370	365	12-M20	16	715	615	15	1.2			
350	76	505	460	429	365	16-M20	18	788	689	16	1.0			
400	89	565	515	480	365	16-M24	20			16	0.8			

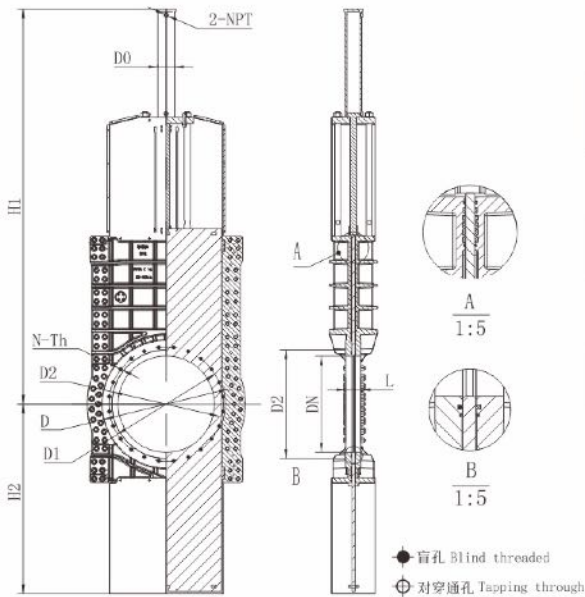
QCA系列

Series

双向密封穿透式刀闸阀
Bi-directional Through type Knife Gate Valve

适用介质: 液浆、胶水、粉固物料
Applicable Medium: Liquid Slurry, Adhesive, Powder & Solid Materials

尺寸图 Dimension



材质表 Material List

材质 Material	QCAZ274X-10C	QCAZ274X-10P	QCAZ274X-10RL
阀体材质 Valve Body Material	WCB	CF8	CF3M
闸板材质 Gate Material	SS304	SS304	SS316L
阀杆材质 Stem Material	2Cr13	SS304	SS304
支架材质 Yoke Material	Q235	SS304	SS304

单位:mm unit:mm

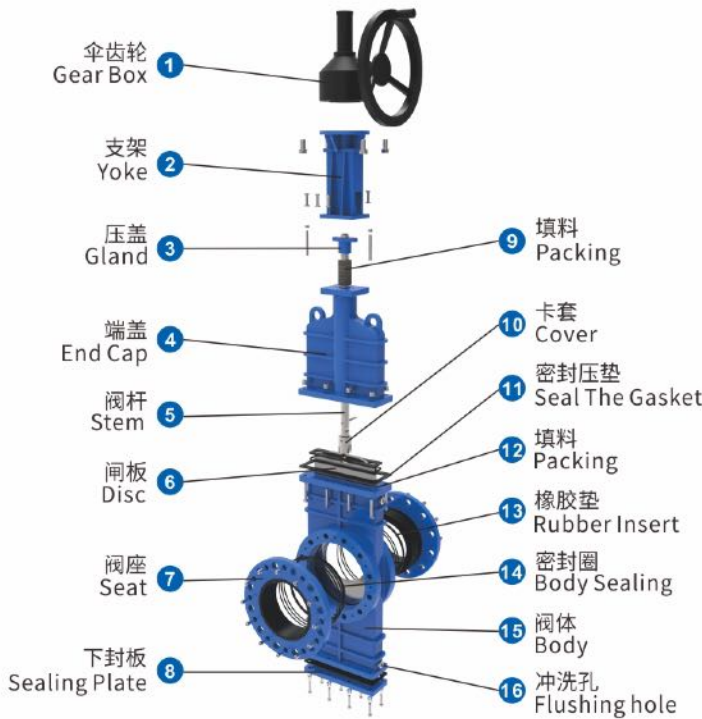
DN	L	D	D1	D2	D0	N-Th	d	H1	H2	板厚 Plate Thickness	密封压力(MPa) Sealing Pressure (MPa)	重量(kg) weight (kg)
100	51	220	180	156		8-M16	Φ18			8	1.6	
125	57	250	210	184		8-M16	Φ18					
150	57	285	240	211		8-M20	Φ23			8	2.0	
200	70	340	295	266		8-M20	Φ23			12	1.4	
250	70	395	350	319		12-M20	Φ23			14	2.4	
300	76	445	400	370		12-M20	Φ23					
350	76	505	460	429		16-M20	Φ23			16	1.0	
400	89	565	515	480		16-M24	Φ27			16	0.8	
450	89	615	565	530	Φ80	20-M24	Φ27	1524	1380			
500	114	670	620	582	Φ80	20-M24	Φ27	1688	1520			
600	114	780	725	682	Φ100	20-M27	Φ30	2527	1245			
700	127	895	840	794	Φ100	24-M27	Φ30	2906	1410			
800	127	1015	950	901	Φ110	24-M30	Φ33	3281	1575			
900	127	1115	1050	1001		28-M30	Φ33					
1000	149	1230	1160	1112		28-M33	Φ36					

QCG系列

Series

全封闭高压双向耐磨刀闸阀
Fully closed high pressure bidirectional seal wear-resistant knife gate valve

适用介质: 高压矿浆、浆液
Applicable Medium: High-Pressure Ore Slurry, Slurry



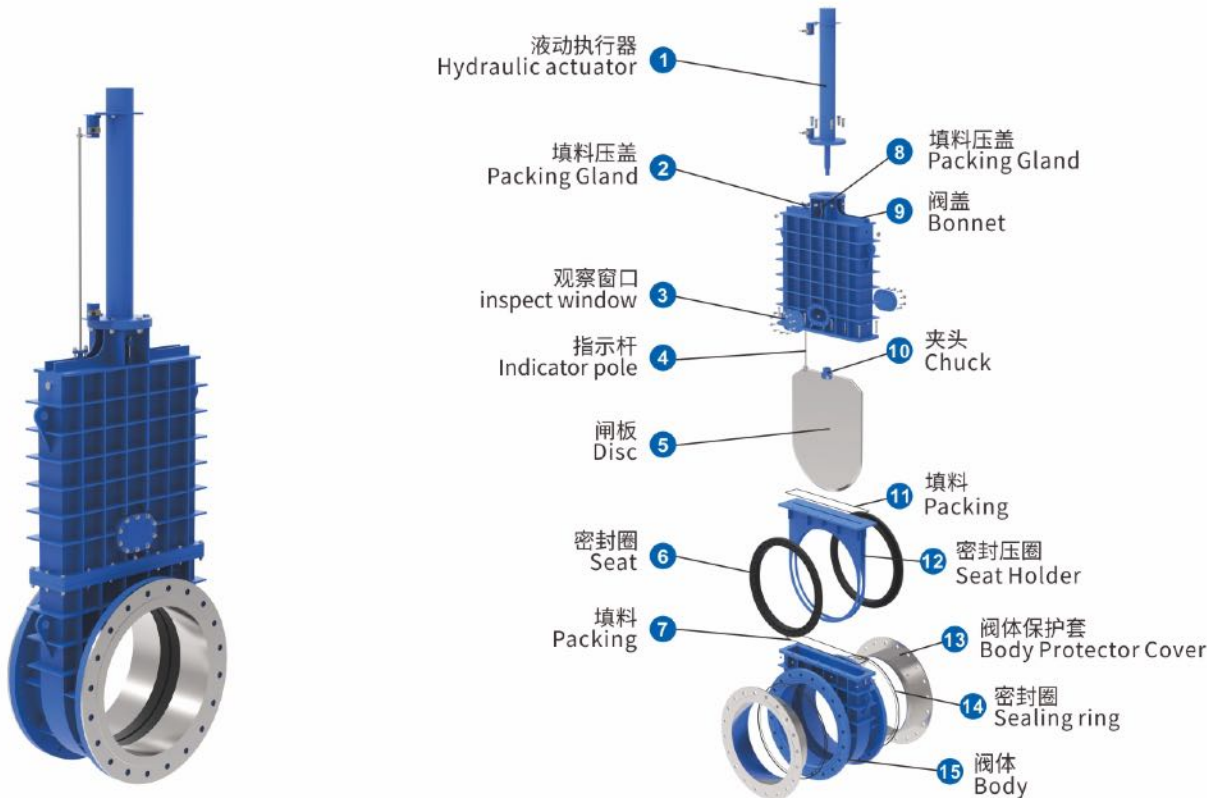
型号: QCGZ43H+PU
工作压力: DN50-DN200 6.3Mpa
DN250-DN400 4.0Mpa
DN450-DN600 2.5Mpa
连接形式: 法兰
设计标准: JB/T8691-2013
法兰标准: GB/T9124.2-2019, PN16,PN25,PN40,PN63
结构长度: GB/T15188.2-94 chart6-7
检验标准: GB/T13927-2008
开关形式: 手轮, 伞齿轮, 电动, 液动, 气动
阀体材质: WCB, WCC, CF8, CF8M, CF3M
闸板材质: SS304, SS316L, F53, F55, 2205
密封材质: H+PTFE+PU
填料: 石墨
适用介质: 高压矿浆、浆液

Model: QCGZ43H+PU
Working Pressure: DN50-DN200 63bar
DN250-DN400 40bar
DN450-DN600 25bar
Type: Flange
Design Standard: MSS SP-81
Flange Standard: DIN PN10,PN16,150LB ,JIS 10K,TABLE E/D
Face to Face: MSS SP-81
Testing Standard: API-598
Operation: handwheel, electric, pneumatic, hydraulic, gear
Main material: WCB, WCC, CF8, CF8M, CF3M
Disc material: SS304, SS316L, F53, F55, 2205
Sealing material: H+PTFE+PU
Packing: graphite
Applicable medium: High-Pressure Ore Slurry, Slurry



QWY系列 双向密封刀闸阀
Series Bi-directional seal Knife Gate Valve

适用介质: 高压矿浆、浆液
Applicable Medium: High-Pressure Ore Slurry, Slurry



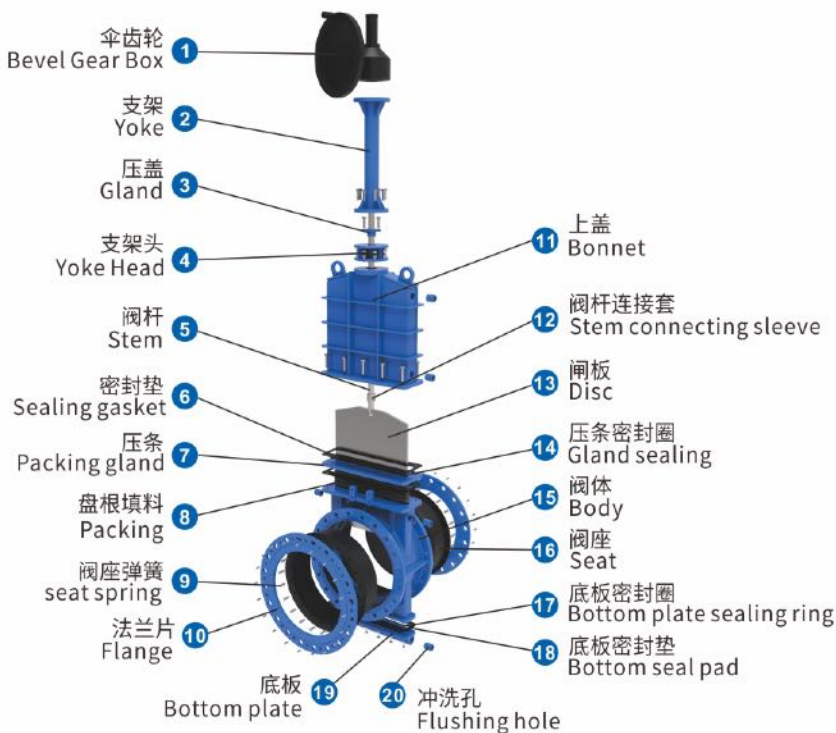
型号: QWYZ43X
工作压力: DN300-DN500 2.0Mpa
DN550-DN800 1.6Mpa
DN850-DN1000 1.2Mpa
DN1100-DN2000 0.8Mpa
连接形式: 对夹, 梅花
设计标准: JB/T8691-2013
法兰标准: GB/T9113.1-2010
ASME B16.5 (2" _ 24")
ASME B16.47 (26" _ 60")
AS2129: TABLE D
AS2129: TABLE E
结构长度: GB/T15188.2-94 chart6-7
检验标准: GB/T13927-2008
开关形式: 手轮, 电动, 气动, 液动, 链轮, 电液动, 伞齿轮
阀体材质: F55, F53, 2205, CF3M, CF8M, CF8, WCB, GGG40
闸板材质: F55, F53, 2205, SS310, SS316L, SS316, SS304
密封材质: NBR, EPDM, NR, PU
填料: 芳纶, 高水基, 四氟, 橡胶
适用介质: 高压矿浆、浆液

Model: QWYZ43X
Working Pressure: DN300-DN500 20bar
DN550-DN800 16bar
DN850-DN1000 12bar
DN1100-DN2000 8bar
Type: Wafer, Lug
Design Standard: MSS SP-81
Flange Standard: DIN PN10, PN16, 150LB, JIS 10K, TABLE E/D
Face to Face: MSS SP-81
Testing Standard: API-598
Operation: handwheel, electric, pneumatic, hydraulic, sprocket, electro-hydraulic, gear
Main material: F55, F53, 2205, CF3M, CF8M, CF8, WCB, GGG40
Disc material: F55, F53, 2205, SS310, SS316L, SS316, SS304
Sealing material: NBR, EPDM, NR, PU
Packing: Aramid fiber, high-water based fiber, rubber, PTFE
Applicable medium: High-Pressure Ore Slurry, Slurry



QWLY系列 全封闭高压双向耐磨刀闸阀
Series Fully closed high pressure bidirectional seal wear-resistant knife gate valve

适用介质: 高压矿浆、浆液
Applicable Medium: High-Pressure Ore Slurry, Slurry



型号: QWLYZ43X
工作压力: DN150-DN400 2.5Mpa
DN450-DN600 1.6Mpa
连接形式: 法兰
设计标准: JB/T8691-2013, MSS SP-81
法兰标准: GB/T9124.2-2019, PN16, PN25
结构长度: GB/T15188.2-94 chart6-7
检验标准: GB/T13927-2008
开关形式: 手轮, 电动, 气动, 液动, 伞齿轮
阀体材质: WCB, GG40, CF8, CF8M, CF3M
闸板材质: SS304, SS316L, F53, F55
密封材质: PU, EPDM, NR
填料: PTFE, 石墨
适用介质: 高压矿浆、浆液

Model: QWLYZ43X
Working Pressure: DN150-DN400 25bar
DN450-DN600 16bar
Type: Flange
Design Standard: MSS SP-81
Flange Standard: DIN PN10, PN16, 150LB, JIS 10K, TABLE E/D
Face to Face: MSS SP-81
Testing Standard: API-598
Operation: handwheel, electric, pneumatic, hydraulic, gear
Main material: WCB, GG40, CF8, CF8M, CF3M
Disc material: SS304, SS316L, F53, F55
Sealing material: PU, EPDM, NR
Packing: PTFE, graphite
Applicable medium: High-Pressure Ore Slurry, Slurry



QMDY 系列

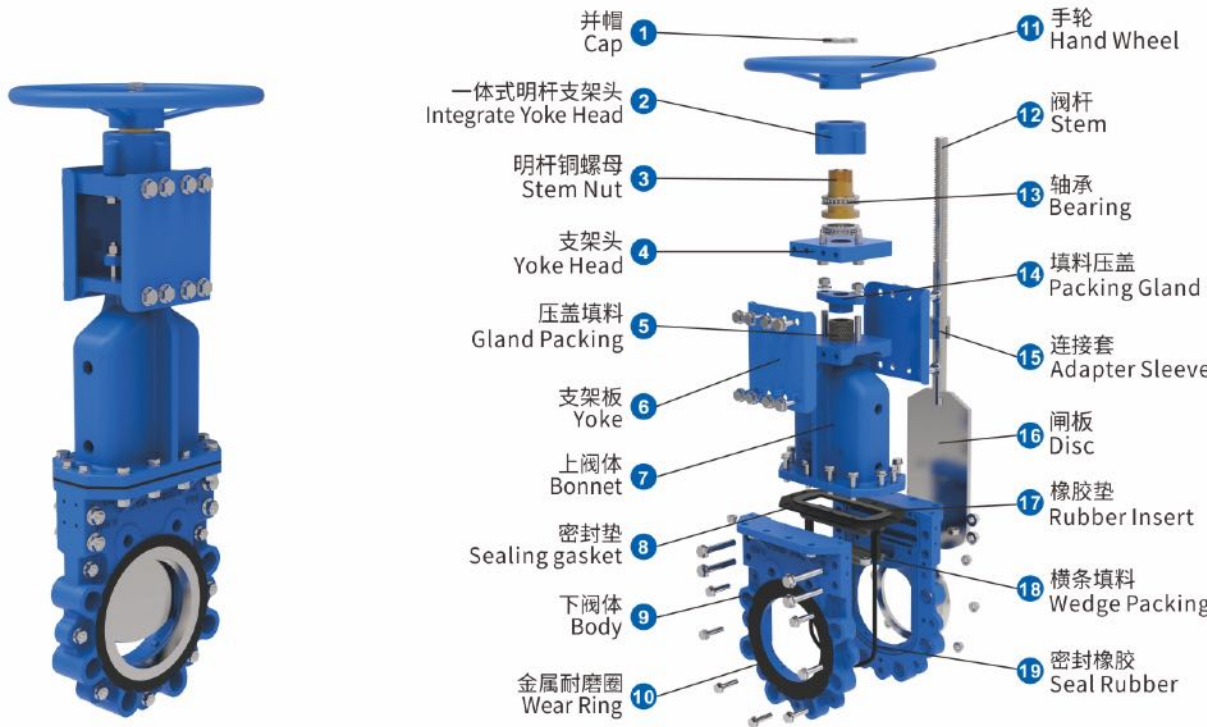
Series

全封闭双向侧密封耐磨刀闸阀

Fully enclosed bidirectional side-sealed wear-resistant knife gate valve

适用介质: 高压矿浆、浆液

Applicable Medium: High-Pressure Ore Slurry, Slurry



型号: QMDYZ73X

工作压力: DN50-DN200	2.2-2.0Mpa
DN250-DN450	1.8-1.4Mpa
DN500-DN700	1.0-0.8Mpa
DN750-DN1000	0.8-0.6Mpa
DN1200-DN2000	0.4-0.2Mpa

连接形式: 对夹

设计标准: JB/T8691-2013

法兰标准: GB/T9113.1-2010

ASME B16.5 (2"~24")

ASME B16.47 (26"~60")

AS2129:TABLE D

AS2129:TABLE E

结构长度: GB/T15188.2-94 chart6-7

检验标准: GB/T13927-2008

开关形式: 手轮, 涡轮, 气动, 电装, 液动, 电液动, 链轮盘, 杠杆

阀体材质: F55, F53, 2205, CF3M, CF8M, CF8, WCB, GGG40

闸板材质: F55, F53, 2205, SS310, SS316L, SS316, Ss304

密封材质: NBR, EPDM, FKM

填料: 芳纶, 高水基, 四氟, 橡胶

适用介质: 高压矿浆、浆液

Model: QMDYZ73X

Working Pressure: DN50-DN200	22-20bar
DN250-DN450	18-14bar
DN500-DN700	10-8bar
DN750-DN1000	8-6bar
DN1200-DN2000	4-2bar

Type: Wafer

Design Standard: MSS SP-81

Flange Standard: DIN PN10, PN16, 150LB, JIS 10K, TABLE E/D

Face to Face: MSS SP-81

Testing Standard: API-598

Operation: handwheel, electric, pneumatic, hydraulic, sprocket, electro-hydraulic, gear, lever

Main material: F55, F53, 2205, CF3M, CF8M, CF8, WCB, GGG40

Disc material: F55, F53, 2205, SS310, SS316L, SS316, Ss304

Sealing material: NBR, EPDM, FKM

Packing: Aramid fiber, high-water based fiber, rubber, PTFE

Applicable medium: High-Pressure Ore Slurry, Slurry



QJ 系列

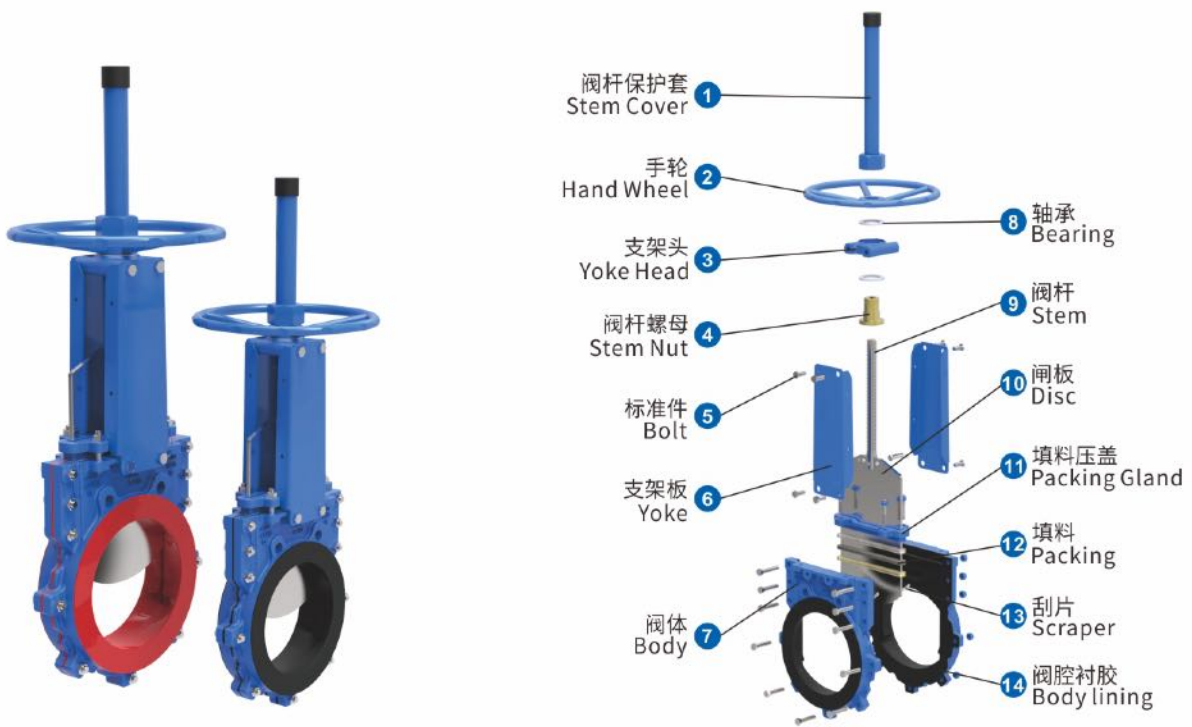
Series

分体式双向密封无凹槽内腔全衬胶刀闸阀

Bi-directional seal Rubber Lining Knife Gate Valve

适用介质: 低压矿浆、浆液

Applicable Medium: Low-Pressure Ore Slurry, Slurry



型号: QJZ73X

工作压力: DN50-DN200	1.6Mpa
DN250-DN400	1.0Mpa

连接形式: 对夹

设计标准: JB/T8691-2013

法兰标准: GB/T9113.1-2010

ASME B16.5 (2"~24")

ASME B16.47 (26"~60")

AS2129:TABLE D

AS2129:TABLE E

结构长度: GB/T15188.2-94 chart6-7

检验标准: GB/T13927-2008

开关形式: 手轮, 涡轮, 气动, 电装, 液动, 电液动, 链轮盘, 杠杆

阀体材质: F55, F53, 2205, CF3M, CF8M, CF8, WCB, GGG40

闸板材质: F55, F53, 2205, SS310, SS316L, SS316, Ss304

密封材质: NBR, EPDM, FKM, PU

填料: 芳纶, 高水基, 四氟, 橡胶

适用介质: 低压矿浆、浆液

Model: QJZ73X

Working Pressure: DN50-DN200	16bar
DN250-DN400	10bar

Type: Wafer

Design Standard: MSS SP-81

Flange Standard: DIN PN10, PN16, 150LB, JIS 10K, TABLE E/D

Face to Face: MSS SP-81

Testing Standard: API-598

Operation: handwheel, electric, pneumatic, hydraulic, sprocket, electro-hydraulic, gear, lever

Main material: F55, F53, 2205, CF3M, CF8M, CF8, WCB, GGG40

Disc material: F55, F53, 2205, SS310, SS316L, SS316, Ss304

Sealing material: NBR, EPDM, FKM, PU

Packing: Aramid fiber, high-water based fiber, rubber, PTFE

Applicable medium: Low-Pressure Ore Slurry, Slurry

QJ 系列

Series

分体式双向密封无凹槽内腔全衬胶刀闸阀
Bi-directional seal Rubber Lining Knife Gate Valve

适用介质: 低压矿浆、浆液
Applicable Medium: Low-Pressure Ore Slurry, Slurry

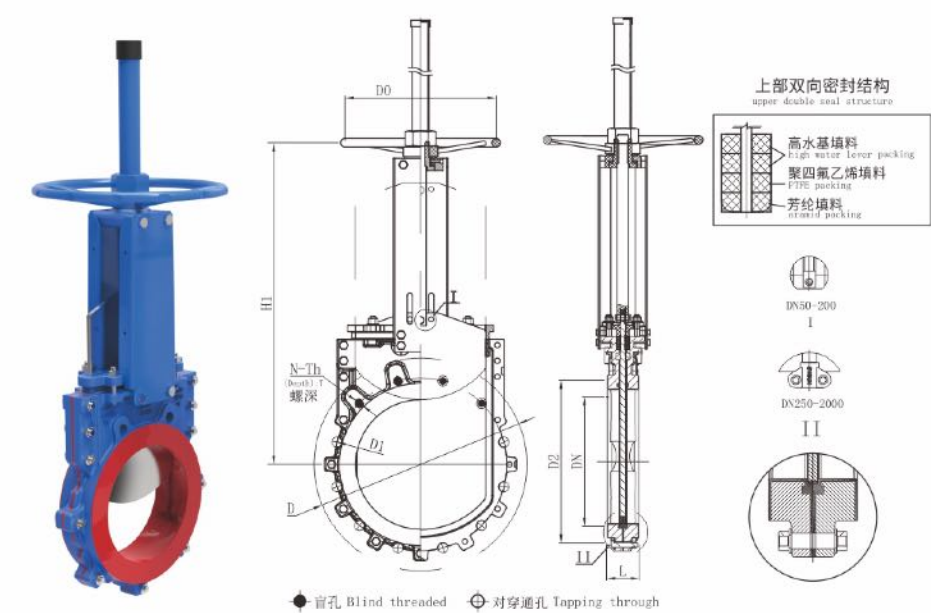
QJ 系列

Series

分体式双向密封无凹槽内腔全衬胶刀闸阀
Bi-directional seal Rubber Lining Knife Gate Valve

适用介质: 低压矿浆、浆液
Applicable Medium: Low-Pressure Ore Slurry, Slurry

尺寸图 Dimension



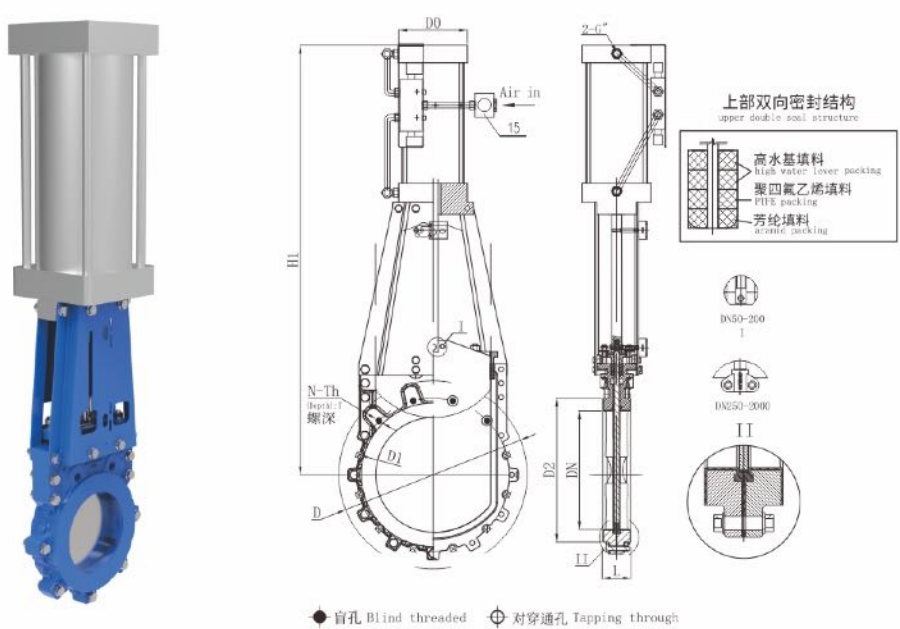
材质表 Material List

材质	QJZ73X-10G
Material	
阀体材质	GGG40
Valve Body Material	
闸板材质	SS304
Gate Material	
阀杆材质	2Cr13
Stem Material	
支架材质	Q235
Yoke Material	

单位:mm unit:mm

DN	L	D	D1	D2	D0	N-Th	T	d	H1	板厚	密封压力(MPa)	手动扭力(Nm)	手动圈数	重量(kg)
										Plate Thickness	Sealing Pressure (MPa)	Manual Torque (Nm)	Manual Turns	weight (kg)
50	52	165	125	99	180	4-M16	12	Φ18	265					
65	52	185	145	118	200	4-M16	12	Φ18	290					
80	55	200	160	132	200	8-M16	12	Φ18	330					
100	55	220	180	156	240	8-M16	12	Φ18	360					
125	61	250	210	184	260	8-M16	12	Φ18	400					
150	61	285	240	211	280	8-M20	14	Φ23	450					
200	74	340	295	266	300	8-M20	16	Φ23	530					
250	74	395	350	319	320	12-M20	16	Φ23	660					
300	80	445	400	370	350	12-M20	16	Φ23	760					
350	80	505	460	429	400	16-M20	18	Φ23	850					
400	93	565	515	480	450	16-M24	20	Φ27	940					

尺寸图 Dimension



材质表 Material List

材质	QJZ673X-10Q
Material	
阀体材质	GGG40
Valve Body Material	
闸板材质	SS304
Gate Material	
阀杆材质	2Cr13
Stem Material	
支架材质	Q235
Yoke Material	

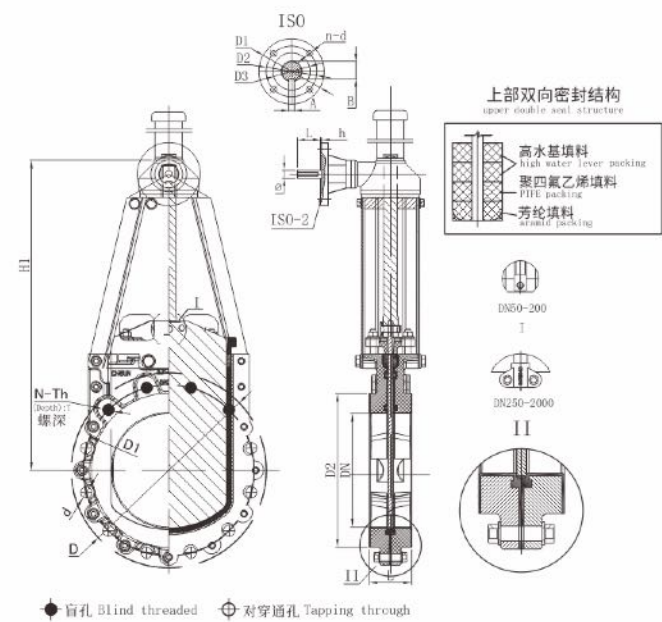
单位:mm unit:mm

DN	L	D	D1	D2	D0	N-Th	T	d	H1	板厚	密封压力(MPa)	重量(kg)
										Plate Thickness	Sealing Pressure (MPa)	weight (kg)
50	52	165	125	99	100	4-M16	12	Φ18	413			
65	52	185	145	118	100	4-M16	12	Φ18	455			
80	55	200	160	132	125	8-M16	12	Φ18	500			
100	55	220	180	156	125	8-M16	12	Φ18	557			
125	61	250	210	184	125	8-M16	12	Φ18	624			
150	61	285	240	211	160	8-M20	14	Φ23	733			
200	74	340	295	266	160	8-M20	16	Φ23	864			
250	74	395	350	319	200	12-M20	16	Φ23	1070			
300	80	445	400	370	200	12-M20	16	Φ23	1220			
350	80	505	460	429	250	16-M20	18	Φ23	1358			
400	93	565	515	480	320	16-M24	20	Φ27	1518			



QJ 系列 分体式双向密封无凹槽内腔全衬胶刀闸阀 适用介质: 低压矿浆、浆液

尺寸图 Dimension



材质表 Material List

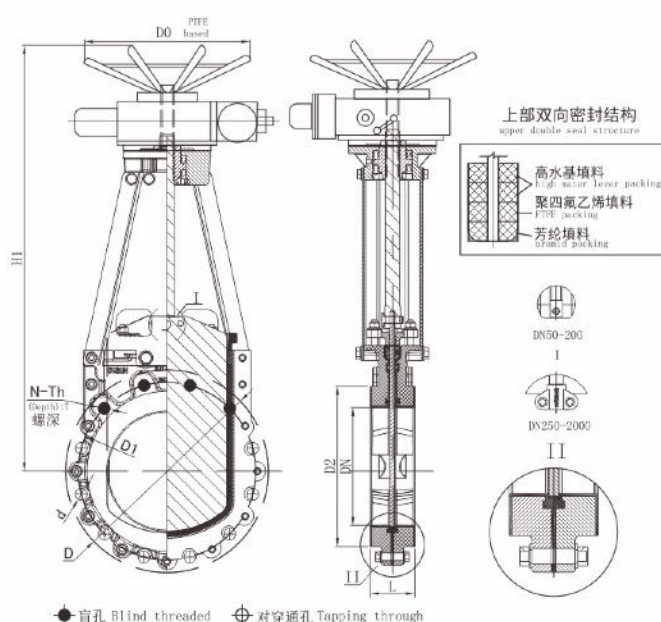
材质	QJZ573X-10Q
阀体材质	GGG40
闸板材质	SS304
阀杆材质	2Cr13
支架材质	Q235

单位:mm unit:mm

DN	L	D	D1	D2	D0	N-Th	T	d	H1	板厚	密封压力 (MPa)	伞齿轮扭力 (Nm)	伞齿轮圈数	重量 (kg)
50	52	165	125	99	250	4-M16	12	Φ18	369					
65	52	185	145	118	250	4-M16	12	Φ18	396					
80	55	200	160	132	250	8-M16	12	Φ18	425					
100	55	220	180	156	250	8-M16	12	Φ18	462					
125	61	250	210	184	250	8-M16	12	Φ18	505					
150	61	285	240	211	250	8-M20	14	Φ23	559					
200	74	340	295	266	250	8-M20	16	Φ23	641					
250	74	395	350	319	250	12-M20	16	Φ23	783					
300	80	445	400	370	250	12-M20	16	Φ23	883					
350	80	505	460	429	300	16-M20	18	Φ23	980					
400	93	565	515	480	300	16-M24	20	Φ27	1090					

QJ 系列 分体式双向密封无凹槽内腔全衬胶刀闸阀 适用介质: 低压矿浆、浆液

尺寸图 Dimension



材质表 Material List

材质	QJZ973X-10Q
阀体材质	GGG40
闸板材质	SS304
阀杆材质	2Cr13
支架材质	Q235

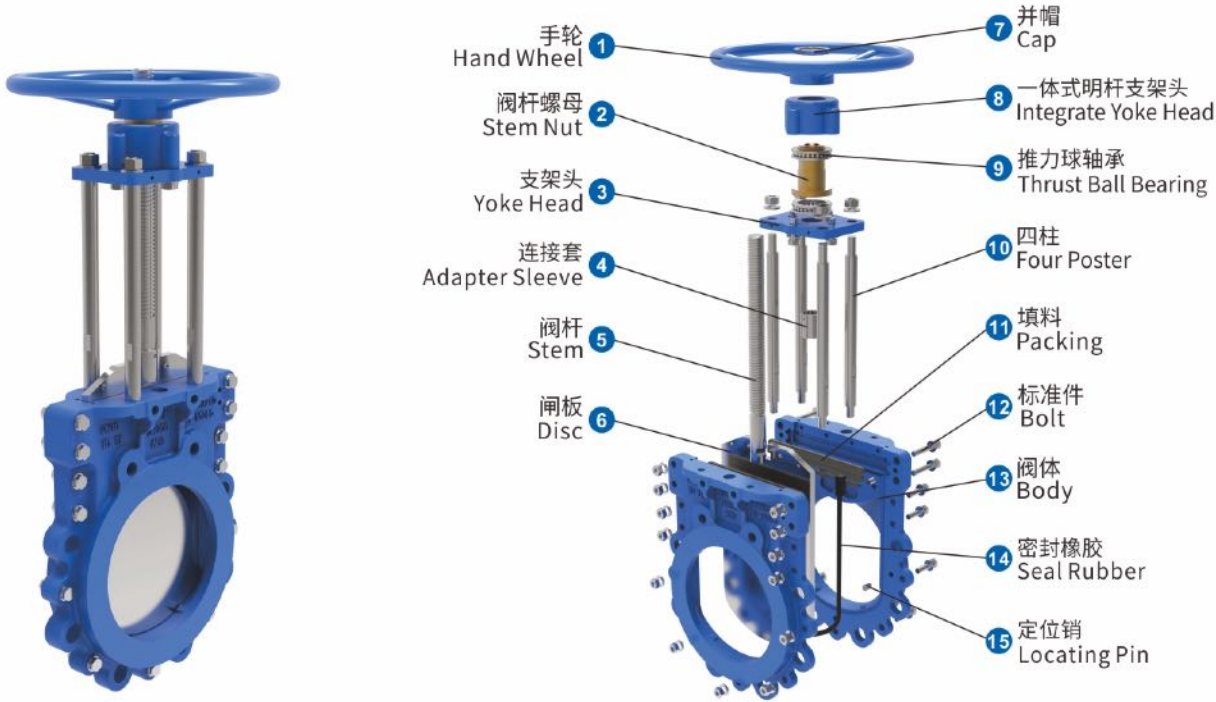
单位:mm unit:mm

DN	L	D	D1	D2	D0	N-Th	T	d	H1	板厚	密封压力 (MPa)	伞齿轮扭力 (Nm)	伞齿轮圈数	重量 (kg)
50	52	165	125	99	365	4-M16	12	Φ18	395					
65	52	185	145	118	365	4-M16	12	Φ18	422					
80	55	200	160	132	365	8-M16	12	Φ18	451					
100	55	220	180	156	365	8-M16	12	Φ18	488					
125	61	250	210	184	365	8-M16	12	Φ18	531					
150	61	285	240	211	365	8-M20	14	Φ23	585					
200	74	340	295	266	365	8-M20	16	Φ23	667					
250	74	395	350	319	365	12-M20	16	Φ23	800					
300	80	445	400	370	365	12-M20	16	Φ23	900					
350	80	505	460	429	365	16-M20	18	Φ23	986					
400	93	565	515	480	365	16-M24	20	Φ27	1096					



QMC 系列 分体式双向无凹槽中压刀闸阀

适用介质: 低压矿浆、浆液
Applicable Medium: Low-Pressure Ore Slurry, Slurry



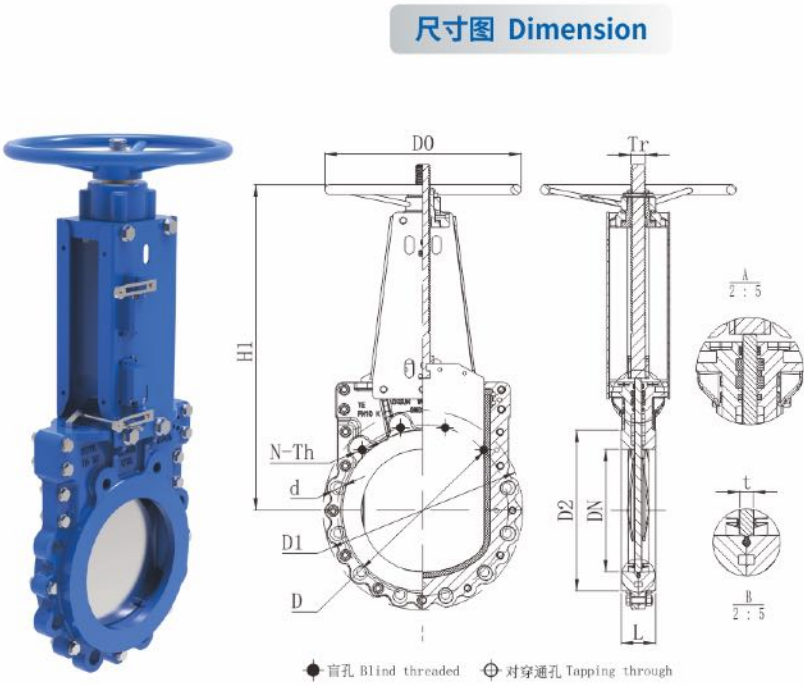
型号: QMCZ73X
连接形式: 对夹
设计标准: JB/T8691-2013
法兰标准: GB/T9113.1-2010
ASME B16.5 (2"~24")
ASME B16.47 (26"~60")
AS2129:TABLE D
AS2129:TABLE E
结构长度: GB/T15188.2-94 chart6-7
检验标准: GB/T13927-2008
开关形式: 手轮, 涡轮, 气动, 电装, 液动, 电液动, 链轮盘, 杠杆
阀体材质: F55, F53, 2205, CF3M, CF8M, CF8, WCB, GGG40
闸板材质: F55, F53, 2205, SS310, SS316L, SS316, Ss304
密封材质: NBR, EPDM, FKM
填料: 芳纶, 高水基, 四氟, 橡胶
适用介质: 低压矿浆、浆液、盾构机

Model: QMCZ73X
Type: Wafer
Design Standard: MSS SP-81
Flange Standard: DIN PN10, PN16, 150LB, JIS 10K, TABLE E/D
Face to Face: MSS SP-81
Testing Standard: API-598
Operation: handwheel, electric, pneumatic, hydraulic, sprocket, electro-hydraulic, gear, lever
Main material: F55, F53, 2205, CF3M, CF8M, CF8, WCB, GGG40
Disc material: F55, F53, 2205, SS310, SS316L, SS316, Ss304
Sealing material: NBR, EPDM, FKM
Packing: Aramid fiber, high-water based fiber, rubber, PTFE
Applicable medium: Low-Pressure Ore Slurry, Slurry, Tunnel Boring Machine



QMC 系列 分体式双向无凹槽中压刀闸阀

适用介质: 低压矿浆、浆液
Applicable Medium: Low-Pressure Ore Slurry, Slurry



材质表 Material List

材质 Material	QMCZ73X-10C	QMCZ73X-10P	QMCZ73X-10R	QMCZ73X-10RL
阀体材质 Valve Body Material	WCB	CF8	CF8M	CF3M
闸板材质 Gate Material	SS304	SS304	SS316L	SS316L
阀杆材质 Stem Material	2Cr13	SS304	SS304	SS304
支架材质 Yoke Material	Q235	SS304	SS304	SS304

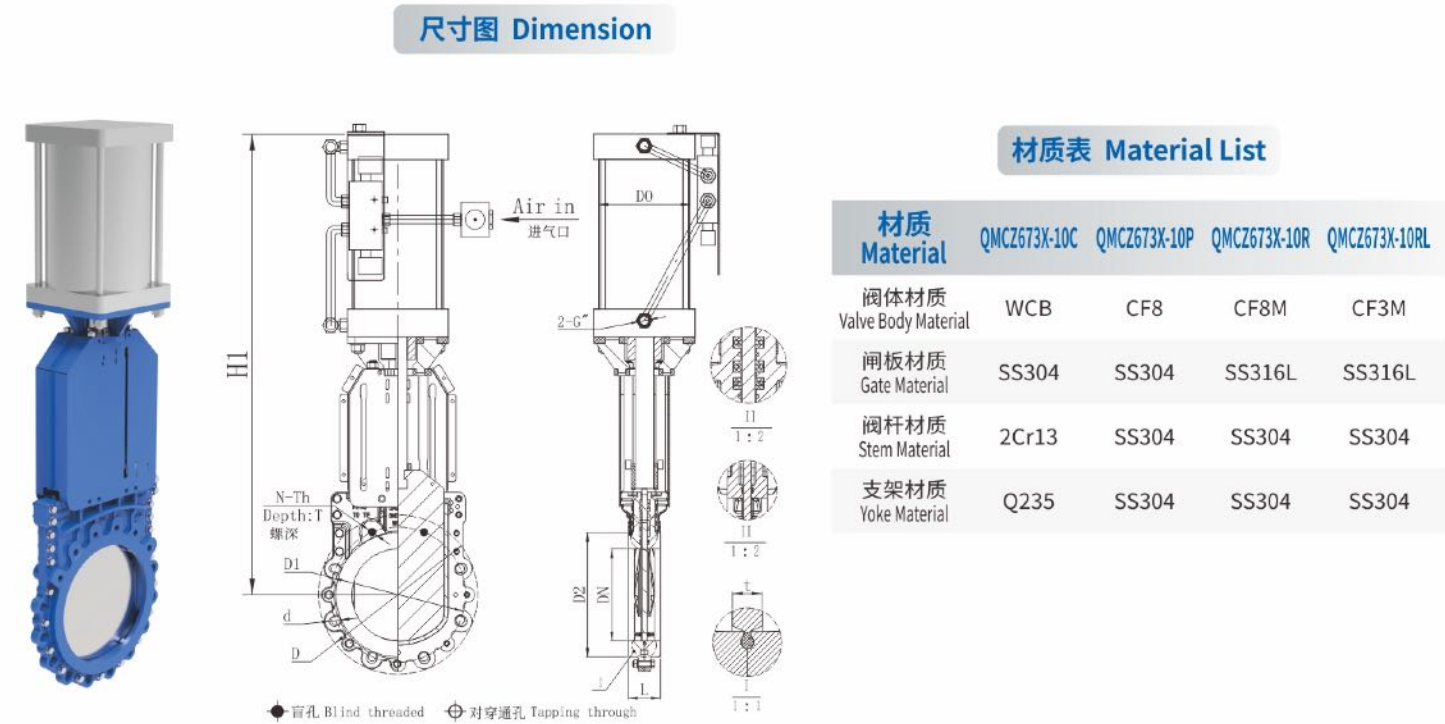
单位:mm unit:mm

DN	L	D	D1	D2	D0	N-Th	d	t	H1	板厚 Plate Thickness	密封压力 (MPa) Sealing Pressure (MPa)	手动扭力 (Nm) Manual Torque (Nm)	手动圈数 Manual Turns	重量 (kg) weight (kg)
50	48	165	125	99	220	4-M16	18	6						
65	48	185	145	118	220	8-M16	18	6						
80	51	200	160	132	240	8-M16	18	8	348	8	2.6	52	22	
100	51	220	180	156	260	8-M16	18	8	403			52	27	
125	57	250	210	184	280	8-M16	18	10	458			52	34	
150	57	285	240	211	320	8-M20	23	10	518			60	33	
200	70	340	295	266	350	8-M20	23	12	606	12	2.4	60	43	
250	70	395	350	319	400	12-M20	23	14	705	14	2.1	87	53	
300	76	445	400	370	450	12-M20	23	14	796	14	1.8	87	63	
350	76	505	460	429	500	16-M20	23	16	911	16	1.6	100	62	
400	89	565	515	480	500	16-M24	27	16	1003	20	1.4	100	69	

QMC 系列
Series

分体式双向无凹槽中压刀闸阀
Bi-directional seal Knife Gate Valve

适用介质: 低压矿浆、浆液
Applicable Medium: Low-Pressure Ore Slurry, Slurry



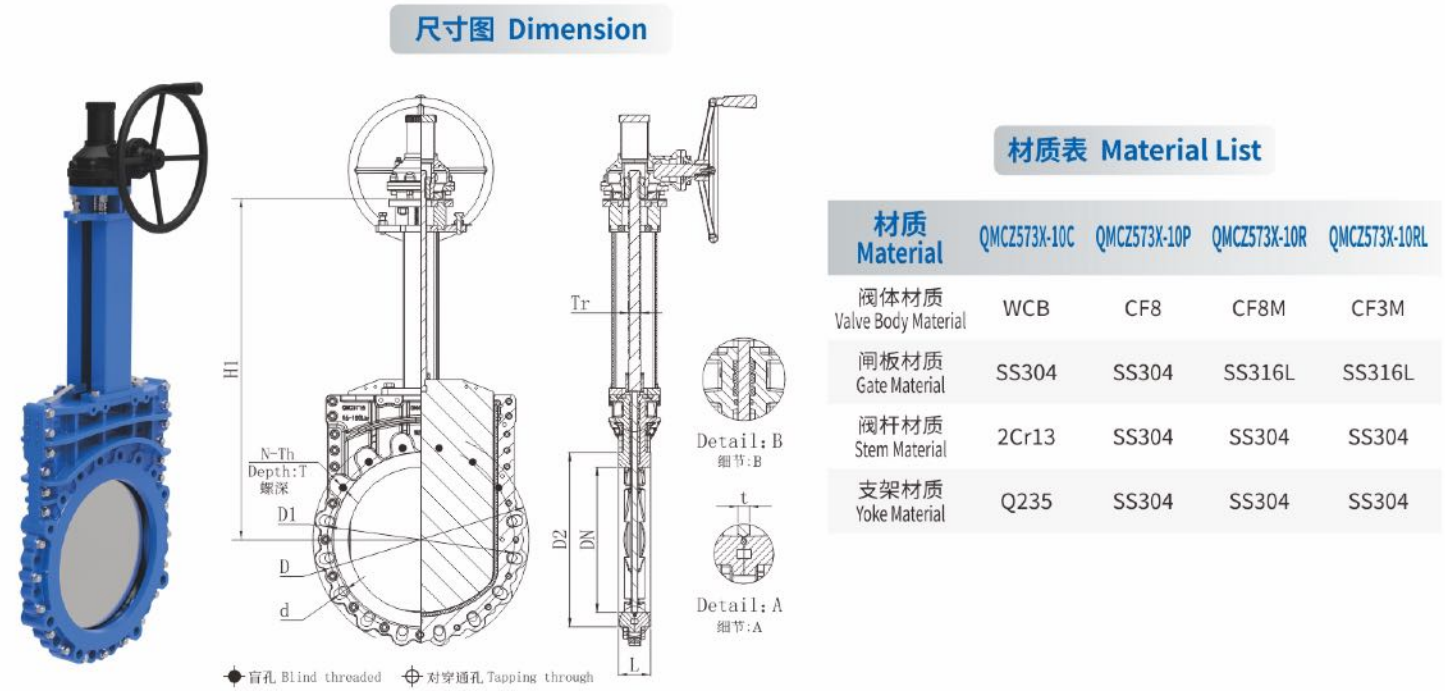
单位:mm unit:mm

DN	L	D	D1	D2	D0	t	N-Th	T	d	H1	板厚 Plate Thickness	密封压力(MPa) Sealing Pressure(MPa)	重量(kg) weight(kg)
50	48	165	125	99		6	4-M16	13	Φ18				
65	48	185	145	118		6	4-M16	13	Φ18				
80	51	200	160	132		8	8-M16	15	Φ18		8	2.6	
100	51	220	180	156		8	8-M16	15	Φ18				
125	57	250	210	184		10	8-M16	15	Φ18				
150	57	285	240	211		10	8-M20	18	Φ23				
200	70	340	295	266	200	12	8-M20	18	Φ23	902	12	2.4	
250	70	395	350	319	200	14	12-M20	18	Φ23	1053	14	2.1	
300	76	445	400	370	250	14	12-M20	18	Φ23	1250	14	1.8	
350	76	505	460	429	250	16	16-M20	18	Φ23	1374	16	1.6	
400	89	565	515	480	320	16	16-M24	22	Φ27	1574	20	1.4	
450	89	615	565	530		18	20-M24	22	Φ27		18	1.2	
500	114	670	620	582	400	20	20-M24	22	Φ27	1759	20	1.2	
600	114	780	725	682		22	20-M27	27	Φ30		22	1.0	

QMC 系列
Series

分体式双向无凹槽中压刀闸阀
Bi-directional seal Knife Gate Valve

适用介质: 低压矿浆、浆液
Applicable Medium: Low-Pressure Ore Slurry, Slurry



单位:mm unit:mm

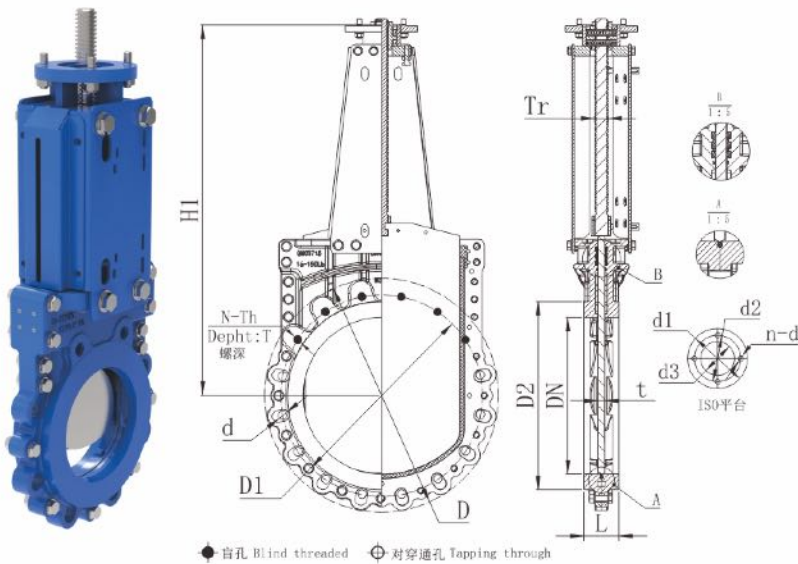
DN	L	D	D1	D2	t	N-Th	T	d	H1	板厚 Plate Thickness	密封压力(MPa) Sealing Pressure(MPa)	伞齿轮扭力(Nm) Bevel Gear Torque(Nm)	伞齿轮圈数 Bevel Gear Turns	重量(kg) weight(kg)
50	48	165	125	99	6	4-M16	13	Φ19						
65	48	185	145	118	6	4-M16	13	Φ19						
80	51	200	160	132	8	8-M16	15	Φ19		8	2.6	24	55	
100	51	220	180	156	8	8-M16	15	Φ19				24	68	
125	57	250	210	184	10	8-M16	15	Φ19				24	85	
150	57	285	240	211	10	8-M20	18	Φ23				36	83	
200	70	340	295	266	12	8-M20	18	Φ23		12	2.4	36	108	
250	70	395	350	319	14	12-M20	18	Φ23		14	2.1	42	133	
300	76	445	400	370	14	12-M20	18	Φ23	648	14	1.8	42	158	
350	76	505	460	429	16	16-M20	18	Φ23	739	16	1.6	54	186	
400	89	565	515	480	16	16-M24	22	Φ27	872	20	1.4	54	207	
450	89	615	565	530	18	20-M24	22	Φ27	950	18	1.2	125	230	
500	114	670	620	582	20	20-M24	22	Φ27		20	1.2	125	255	
600	114	780	725	682	22	20-M27	27	Φ30		22	1.0	138	370	
700(PN10)	127	895	840	794		24-M27	27	Φ30				138	370	
700(PN16)	127	895	840	794		24-M27	27	Φ30				170	460	
800	127	1015	950	901		24-M30	30	Φ33				150	480	
900	127	1115	1050	1001		28-M30	30	Φ33				150	540	
1000	149	1230	1160	1112		28-M33	33	Φ36				180	665	



QMC 系列 分体式双向无凹槽中压刀闸阀

适用介质: 低压矿浆、浆液
Applicable Medium: Low-Pressure Ore Slurry, Slurry

尺寸图 Dimension



材质表 Material List

材质 Material	QMCZ973X-10C	QMCZ973X-10P	QMCZ973X-10R	QMCZ973X-10RL
阀体材质 Valve Body Material	WCB	CF8	CF8M	CF3M
闸板材质 Gate Material	SS304	SS304	SS316L	SS316L
阀杆材质 Stem Material	2Cr13	SS304	SS304	SS304
支架材质 Yoke Material	Q235	SS304	SS304	SS304

无电动 Non-electrically actuated

单位:mm unit:mm

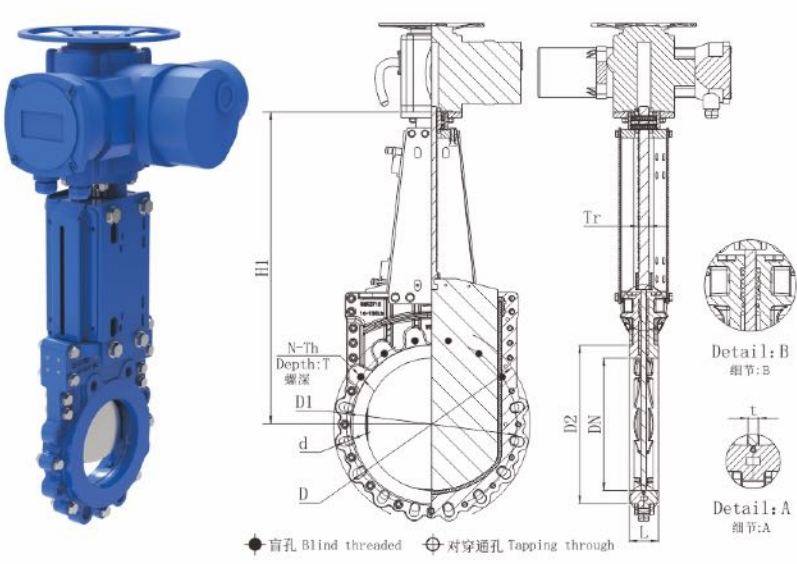
DN	L	D	D1	D2	t	N-Th	T	d	H1	板厚 Plate Thickness	密封压力 (MPa) Sealing Pressure (MPa)	重量 (kg) weight (kg)
50	48	165	125	99	6	4-M16	13	Φ18				
65	48	185	145	118	6	4-M16	13	Φ18				
80	51	200	160	132	8	8-M16	15	Φ18		8	2.6	
100	51	220	180	156	8	8-M16	15	Φ18				
125	57	250	210	184	10	8-M16	15	Φ18				
150	57	285	240	211	10	8-M20	18	Φ23				
200	70	340	295	266	12	8-M20	18	Φ23		12	2.4	
250	70	395	350	319	14	12-M20	18	Φ23	648	14	2.1	
300	76	445	400	370	14	12-M20	18	Φ23	739	14	1.8	
350	76	505	460	429	16	16-M20	18	Φ23	780	16	1.6	
400	89	565	515	480	16	16-M24	22	Φ27	872	20	1.4	
450	89	615	565	530	18	20-M24	22	Φ27	950	18	1.2	
500	114	670	620	582	20	20-M24	22	Φ27		20	1.2	
600	114	780	725	682	22	20-M27	27	Φ30		22	1.0	
700(PN10)	127	895	840	794		24-M27	27	Φ30				
700(PN16)	127	895	840	794		24-M27	27	Φ30				
800	127	1015	950	901		24-M30	30	Φ33				
900	127	1115	1015	1001		28-M30	30	Φ33				
1000	149	1230	1160	1112		28-M33	33	Φ36				



QMC 系列 分体式双向无凹槽中压刀闸阀

适用介质: 低压矿浆、浆液
Applicable Medium: Low-Pressure Ore Slurry, Slurry

尺寸图 Dimension



材质表 Material List

材质 Material	QMCZ973X-10C	QMCZ973X-10P	QMCZ973X-10R	QMCZ973X-10RL
阀体材质 Valve Body Material	WCB	CF8	CF8M	CF3M
闸板材质 Gate Material	SS304	SS304	SS316L	SS316L
阀杆材质 Stem Material	2Cr13	SS304	SS304	SS304
支架材质 Yoke Material	Q235	SS304	SS304	SS304

电动 electrically actuated

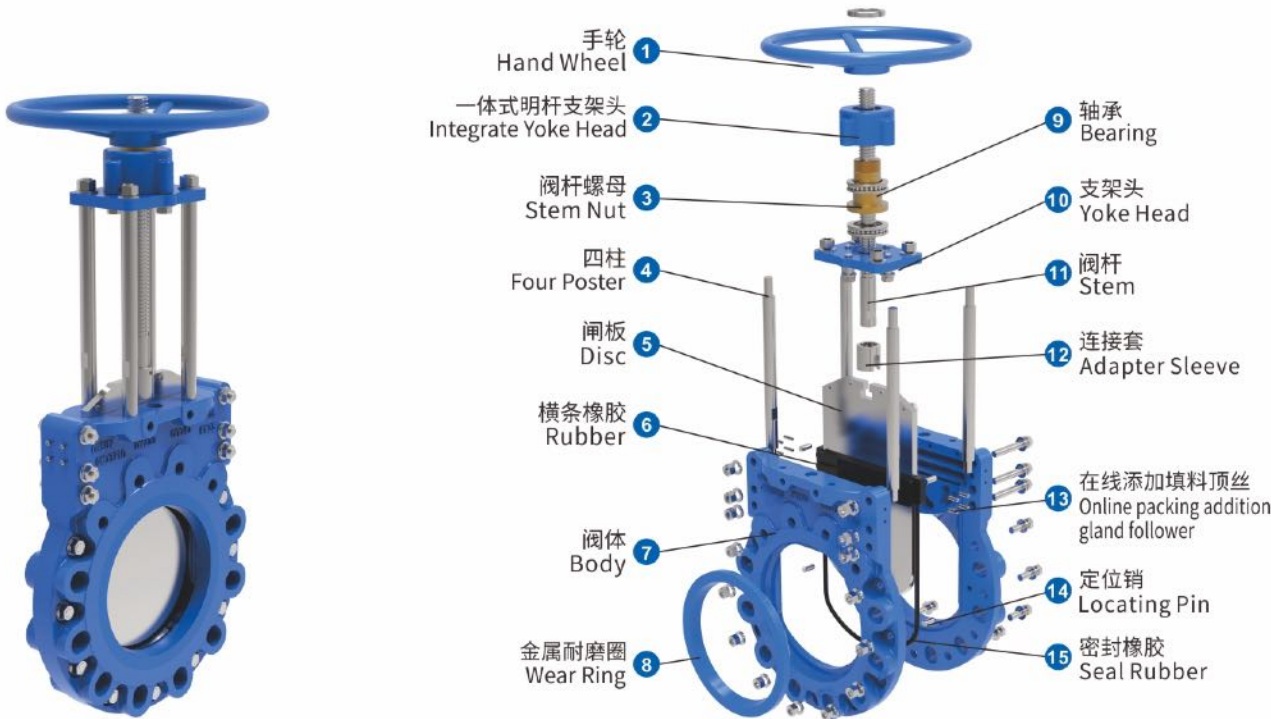
单位:mm unit:mm

DN	L	D	D1	D2	t	N-Th	T	d	H1	板厚 Plate Thickness	密封压力 (MPa) Sealing Pressure (MPa)	重量 (kg) weight (kg)
50	48	165	125	99	6	4-M16	13	Φ19				
65	48	185	145	118	6	4-M16	13	Φ19				
80	51	200	160	132	8	8-M16	15	Φ19		8	2.6	
100	51	220	180	156	8	8-M16	15	Φ19				
125	57	250	210	184	10	8-M16	15	Φ19				
150	57	285	240	211	10	8-M20	18	Φ23				
200	70	340	295	266	12	8-M20	18	Φ23		12	2.4	
250	70	395	350	319	14	12-M20	18	Φ23		14	2.1	
300	76	445	400	370	14	12-M20	18	Φ23	648	14	1.8	
350	76	505	460	429	16	16-M20	18	Φ23	739	16	1.6	
400	89	565	515	480	16	16-M24	22	Φ27	872	20	1.4	
450	89	615	565	530	18	20-M24	22	Φ27	950	18	1.2	
500	114	670	620	582	20	20-M24	22	Φ27		20	1.2	
600	114	780	725	682	22	20-M27	27	Φ30		22	1.0	
700(PN10)	127	895	840	794		24-M27	27	Φ30				
700(PN16)	127	895	840	794		24-M27	27	Φ30				
800	127	1015	950	901		24-M30	30	Φ33				
900	127	1115	1050	1001		28-M30	30	Φ33				
1000	149	1230	1160	1112		28-M33	33	Φ36				



QMD 系列 分体式双向无凹槽中压刀闸阀

适用介质: 低压矿浆、浆液
Applicable Medium: Low-Pressure Ore Slurry, Slurry



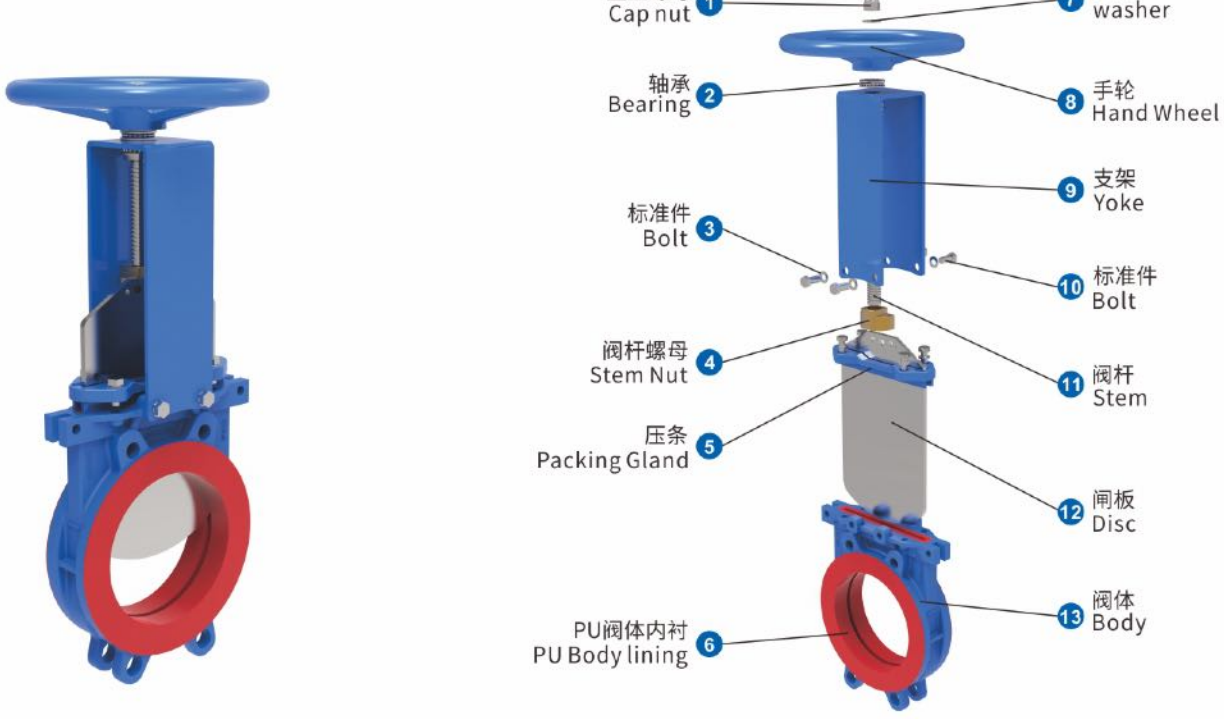
型号: QMDZ73X
工作压力: DN50-DN200 1.6Mpa
DN250-DN600 1.0Mpa
DN650-DN700 0.8Mpa
DN750-DN1000 0.6Mpa
DN1200-DN2000 0.4Mpa
连接形式: 对夹
设计标准: JB/T8691-2013
法兰标准: GB/T9113.1-2010
ASME B16.5 (2" _24")
ASME B16.47 (26" _60")
AS2129: TABLE D
AS2129: TABLE E
结构长度: GB/T15188.2-94 chart6-7
检验标准: GB/T13927-2008
开关形式: 手轮, 气动, 电装, 液动, 电液动, 链轮盘, 杠杆
阀体材质: F55, F53, 2205, CF3M, CF8M, CF8, WCB, GGG40
闸板材质: F55, F53, 2205, SS310, SS316L, SS316, SS304
密封材质: NBR, EPDM, FKM
填料: 芳纶, 高水基, 四氟, 橡胶
适用介质: 低压矿浆、浆液、盾构机

Model: QMDZ73X
Working Pressure: DN50-DN200 16bar
DN250-DN600 10bar
DN650-DN700 8bar
DN750-DN1000 6bar
DN1200-DN2000 4bar
Type: Wafer
Design Standard: MSS SP-81
Flange Standard: DIN PN10, PN16, 150LB, JIS 10K, TABLE E/D
Face to Face: MSS SP-81
Testing Standard: API-598
Operation: handwheel, electric, pneumatic, hydraulic, sprocket, electro-hydraulic, gear, lever
Main material: F55, F53, 2205, CF3M, CF8M, CF8, WCB, GGG40
Disc material: F55, F53, 2205, SS310, SS316L, SS316, SS304
Sealing material: NBR, EPDM, FKM
Packing: Aramid fiber, high-water based fiber, rubber, PTFE
Applicable medium: Low-Pressure Ore Slurry, Slurry, Tunnel Boring Machine



QUP 系列 整体式双向无凹槽刀闸阀

适用介质: 低压矿浆、浆液
Applicable Medium: Low-Pressure Ore Slurry, Slurry



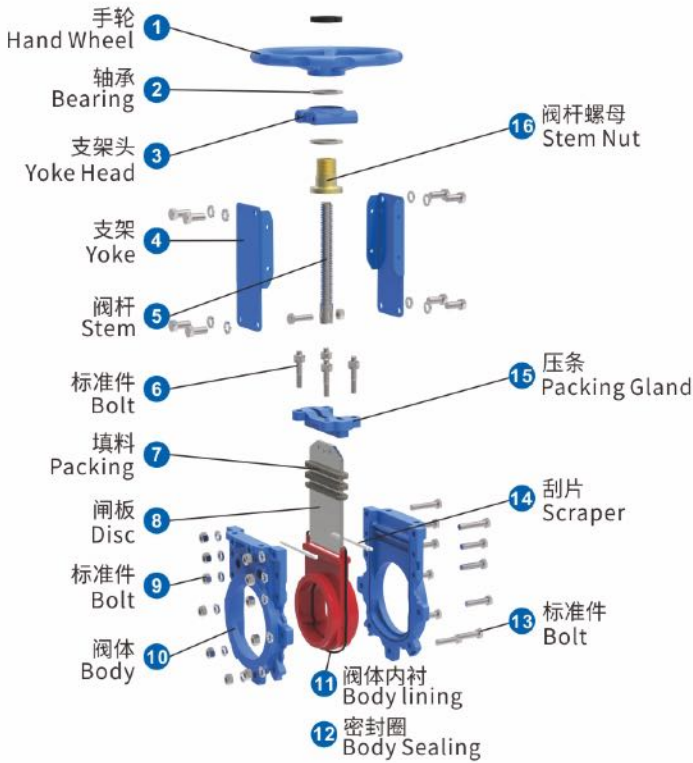
型号: QUPZ73PU
工作压力: DN50-DN100 1.6Mpa
DN125-DN200 1.0Mpa
DN250-DN400 0.7Mpa
DN450-DN600 0.5Mpa
DN650-DN750 0.4Mpa
DN800-DN900 0.3Mpa
DN1000 0.2Mpa
DN1100-DN1200 0.1Mpa
连接形式: 对夹
设计标准: JB/T8691-2013
法兰标准: GB/T9113.1-2010
ASME B16.5 (2" _24")
ASME B16.47 (26" _60")
AS2129: TABLE D
AS2129: TABLE E
结构长度: GB/T15188.2-94 chart6-7
检验标准: GB/T13927-2008
开关形式: 手轮, 气动, 电装, 液动, 电液动, 链轮盘, 杠杆
阀体材质: GGG40
闸板材质: SS316L, SS304
密封材质: PU
填料: 芳纶, 高水基, 四氟
适用介质: 低压矿浆、浆液

Model: QUPZ73PU
Working Pressure: DN50-DN100 16bar
DN125-DN200 10bar
DN250-DN400 7bar
DN450-DN600 5bar
DN650-DN750 4bar
DN800-DN900 3bar
DN1000 2bar
DN1100-DN1200 1bar
Type: Wafer
Design Standard: MSS SP-81
Flange Standard: DIN PN10, PN16, 150LB, JIS 10K, TABLE E/D
Face to Face: MSS SP-81
Testing Standard: API-598
Operation: handwheel, gear box, electric, pneumatic, hydraulic, sprocket, lever
Main material: GGG40
Disc material: SS316L, SS304
Sealing material: PU
Packing: Aramid fiber, high-water based fiber, PTFE
Applicable medium: Low-Pressure Ore Slurry, Slurry



QP 系列 分体式双向无凹槽耐磨刀闸阀
Series Bi-directional seal Polyurethane lined Knife Gate Valve

适用介质: 低压矿浆、浆液
Applicable Medium: Low-Pressure Ore Slurry, Slurry



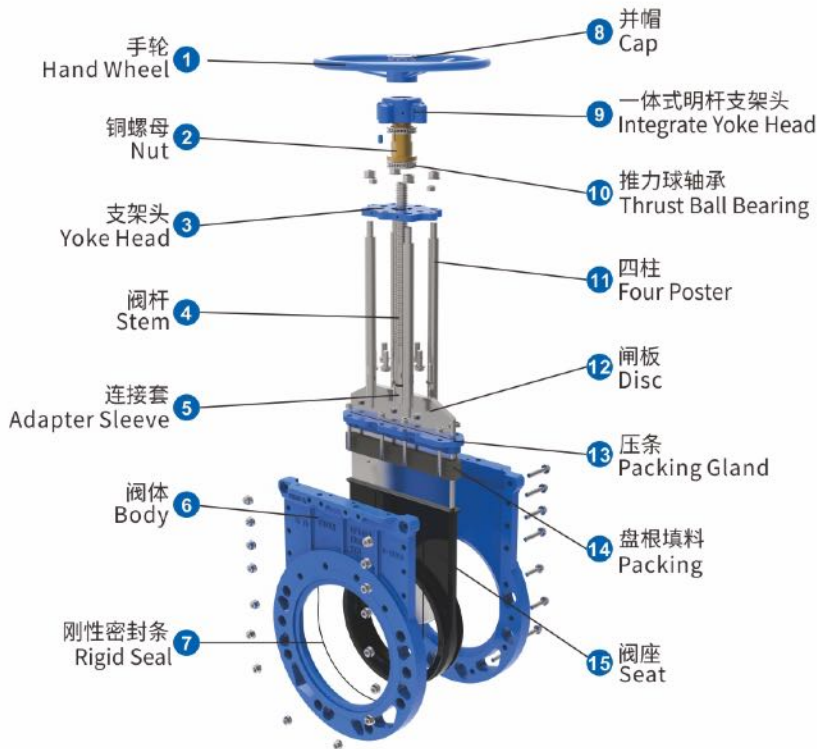
型号: QPZ73X
工作压力: DN50-DN200 1.6Mpa
DN250-DN600 1.0Mpa
DN650-DN700 0.8Mpa
连接形式: 对夹
设计标准: JB/T8691-2013
法兰标准: GB/T9113.1-2010
ASME B16.5 (2" _ 24")
ASME B16.47 (26" _ 60")
AS2129:TABLE D
AS2129:TABLE E
结构长度: GB/T15188.2-94 chart6-7
检验标准: GB/T13927-2008
开关形式: 手轮, 涡轮, 气动, 电装, 液动, 电液动, 链轮盘, 杠杆
阀体材质: F55, F53, 2205, CF3M, CF8M, CF8, WCB, GGG40
闸板材质: F55, F53, 2205, SS310, SS316L, SS316, SS304
密封材质: 改良型聚氨酯
填料: 芳纶, 高水基, 四氟, 橡胶
适用介质: 低压矿浆、浆液、盾构机

Model: QPZ73X
Working Pressure: DN50-DN200 16bar
DN250-DN600 10bar
DN650-DN700 8bar
Type: Wafer
Design Standard: MSS SP-81
Flange Standard: DIN PN10, PN16, 150LB, JIS10K, TABLE E/D
Face to Face: MSS SP-81
Testing Standard: API-598
Operation: handwheel, electric, pneumatic, hydraulic, sprocket, electro-hydraulic, gear box, lever
Main material: F55, F53, 2205, CF3M, CF8M, CF8, WCB, GGG40
Disc material: F55, F53, 2205, SS310, SS316L, SS316, SS304
Sealing material: Polyurethane
Packing: Aramid fiber, high-water based fiber, rubber, PTFE
Applicable medium: Low-Pressure Ore Slurry, Slurry, Tunnel Boring Machine



QPA 系列 可更换式PU内衬件双向密封耐磨刀闸阀
Series Replaceable PU lining bidirectional sealing wear-resistant knife gate valve

适用介质: 低压矿浆、浆液
Applicable Medium: Low-Pressure Ore Slurry, Slurry

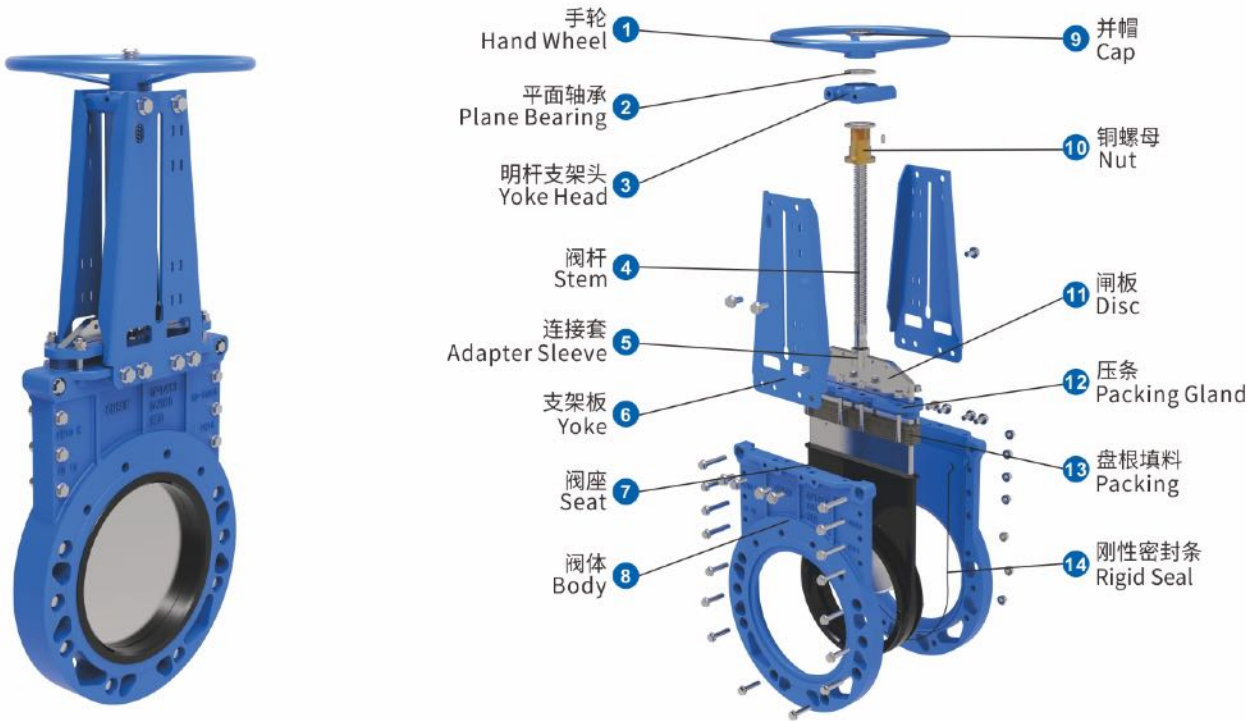


型号: QPAZ73X
连接形式: 对夹
设计标准: JB/T8691-2013
法兰标准: GB/T9113.1-2010
ASME B16.5 (2" _ 24")
ASME B16.47 (26" _ 60")
AS2129:TABLE D
AS2129:TABLE E
结构长度: GB/T15188.2-94 chart6-7
检验标准: GB/T13927-2008
开关形式: 手轮, 涡轮, 气动, 电装, 液动, 电液动, 链轮盘, 杠杆
阀体材质: F55, F53, 2205, CF3M, CF8M, CF8, WCB, GGG40
闸板材质: F55, F53, 2205, SS310, SS316L, SS316, SS304
密封材质: 改良型聚氨酯
填料: 芳纶, 高水基, 四氟, 橡胶
适用介质: 低压矿浆、浆液、盾构机

Model: QPAZ73X
Type: Wafer
Design Standard: MSS SP-81
Flange Standard: DIN PN10, PN16, 150LB, JIS10K, TABLE E/D
Face to Face: MSS SP-81
Testing Standard: API-598
Operation: handwheel, electric, pneumatic, hydraulic, sprocket, electro-hydraulic, gear box, lever
Main material: F55, F53, 2205, CF3M, CF8M, CF8, WCB, GGG40
Disc material: F55, F53, 2205, SS310, SS316L, SS316, SS304
Sealing material: Polyurethane
Packing: Aramid fiber, high-water based fiber, rubber, PTFE
Applicable medium: Low-Pressure Ore Slurry, Slurry, Tunnel Boring Machine



QPA 系列 可更换式PU内衬件双向密封耐磨刀闸阀
Series Replaceable PU lining bidirectional sealing wear-resistant knife gate valve
适用介质: 低压矿浆、浆液
Applicable Medium: Low-Pressure Ore Slurry, Slurry

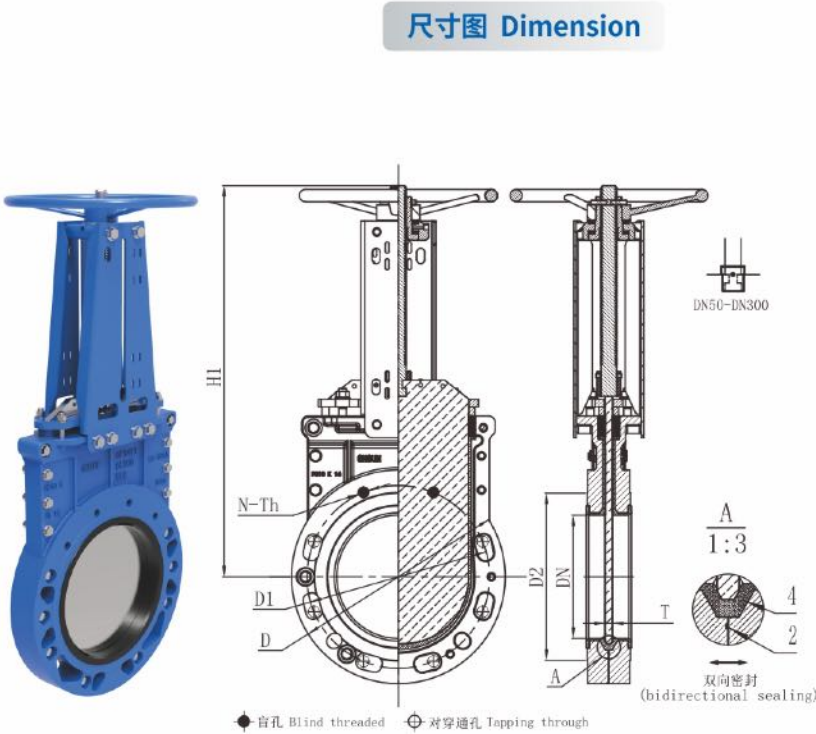


型号: QPAZ73X
连接形式: 对夹
设计标准: JB/T8691-2013
法兰标准: GB/T9113.1-2010
ASME B16.5 (2" _ 24")
ASME B16.47 (26" _ 60")
AS2129:TABLE D
AS2129:TABLE E
结构长度: GB/T15188.2-94 chart6-7
检验标准: GB/T13927-2008
开关形式: 手轮, 蜗轮, 气动, 电装, 液动, 电液动, 链轮盘, 杠杆
阀体材质: F55, F53, 2205, CF3M, CF8M, CF8, WCB, GGG40
闸板材质: F55, F53, 2205, SS310, SS316L, SS316, SS304
密封材质: 改良型聚氨酯
填料: 芳纶, 高水基, 四氟, 橡胶
适用介质: 低压矿浆、浆液、盾构机

Model: QPAZ73X
Type: Wafer
Design Standard: MSS SP-81
Flange Standard: DIN PN10, PN16, 150LB, JIS10K, TABLE E/D
Face to Face: MSS SP-81
Testing Standard: API-598
Operation: handwheel, electric, pneumatic, hydraulic, sprocket, electro-hydraulic, gear box, lever
Main material: F55, F53, 2205, CF3M, CF8M, CF8, WCB, GGG40
Disc material: F55, F53, 2205, SS310, SS316L, SS316, SS304
Sealing material: Polyurethane
Packing: Aramid fiber, high-water based fiber, rubber, PTFE
Applicable medium: Low-Pressure Ore Slurry, Slurry, Tunnel Boring Machine



QPA 系列 可更换式PU内衬件双向密封耐磨刀闸阀
Series Replaceable PU lining bidirectional sealing wear-resistant knife gate valve
适用介质: 低压矿浆、浆液
Applicable Medium: Low-Pressure Ore Slurry, Slurry



材质表 Material List

材质 Material	QPAZ73X-10C	QPAZ73X-10G	QPAZ73X-10P	QPAZ73X-10RL
阀体材质 Valve Body Material	WCB	GGG40	CF8	CF3M
闸板材质 Gate Material	SS304	SS304	SS304	SS316L
阀杆材质 Stem Material	2Cr13	2Cr13	SS304	SS304
支架材质 Yoke Material	Q235	Q235	SS304	SS304

单位:mm unit:mm

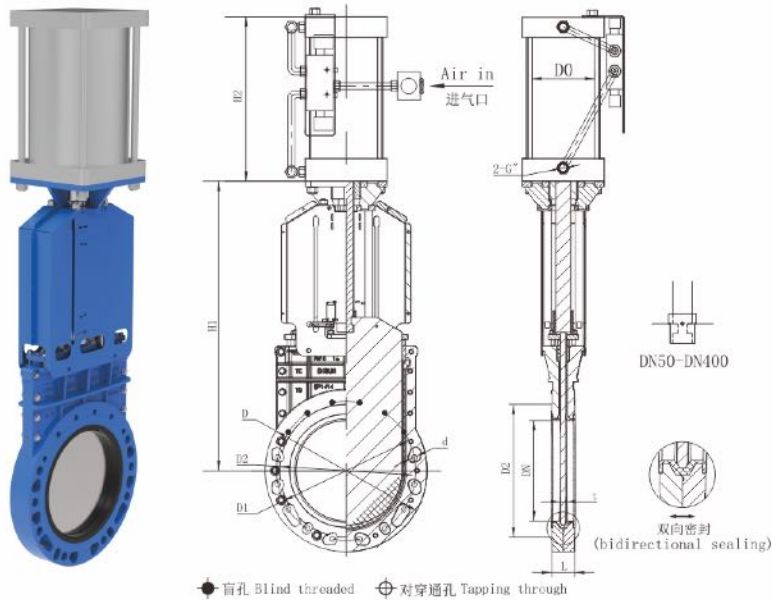
DN	L	D	D1	D2	N-Th	H1	板厚 Plate Thickness	密封压力(MPa) Sealing Pressure (MPa)	手动扭力(Nm) Manual Torque (Nm)	手动圈数 Manual Turns	重量(kg) weight (kg)
50	48	165	125	99	4-M16	340	8				
65	48	185	145	118	8-M16	365	8				
80	51	200	160	132	8-M16	385	8	2.1	43		
100	51	220	180	156	8-M16	425	8	2.1	45		
125	57	250	210	184	8-M16	490	10	2.0	47		
150	57	285	240	211	8-M20	540	10	2.0	52		
200	70	340	295	266	8-M20	635	12	1.8	63		
250	70	395	350	319	12-M20	755	14	1.75	68		
300	76	445	400	370	12-M20	875	16	1.6	72		

QPA 系列
Series

可更换式PU内衬件双向密封耐磨刀闸阀
Replaceable PU lining bidirectional sealing wear-resistant knife gate valve

适用介质: 低压矿浆、浆液
Applicable Medium: Low-Pressure Ore Slurry, Slurry

尺寸图 Dimension



材质表 Material List

材质 Material	QPAZ673X-10C	QPAZ673X-10G	QPAZ673X-10P	QPAZ673X-10RL
阀体材质 Valve Body Material	WCB	GGG40	CF8	CF3M
闸板材质 Gate Material	SS304	SS304	SS304	SS316L
阀杆材质 Stem Material	2Cr13	2Cr13	SS304	SS304
支架材质 Yoke Material	Q235	Q235	SS304	SS304

单位:mm unit:mm

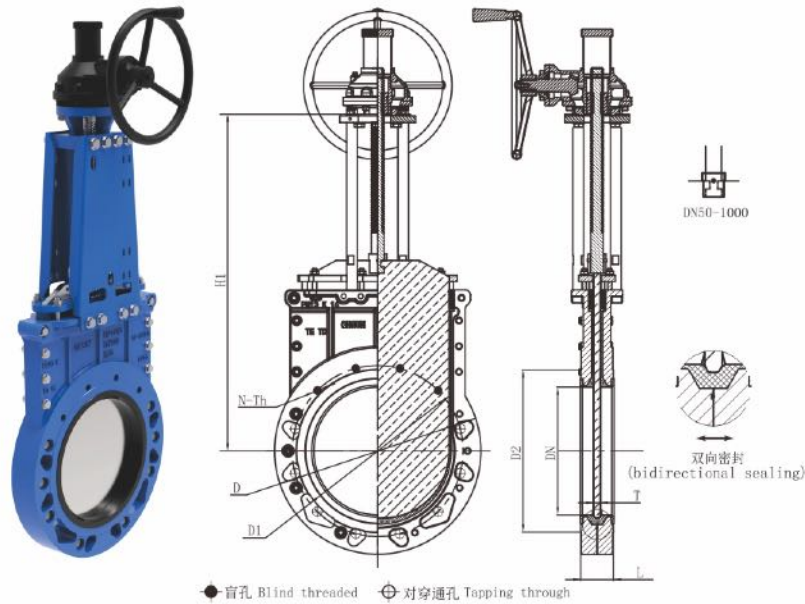
DN	L	D	D1	D2	D0	t	N-Th	H1	H2	板厚 Plate Thickness	密封压力 (MPa) Sealing Pressure (MPa)	重量 (kg) weight (kg)
50	48	165	125	99	100	8	4-M16	314	136	8		
65	48	185	145	118		8	4-M16			8		
80	51	200	160	132	125	8	8-M16	373	185	8	2.1	
100	51	220	180	156	125	8	8-M16	410	200	8	2.1	
125	57	250	210	184	125	10	8-M16	479	200	10	2.0	
150	57	285	240	211	160	10	8-M20	506	260	10	2.0	
200	70	340	295	266	200	12	8-M20	609	300	12	1.8	
250	70	395	350	319	200	14	12-M20	727	391	14	1.75	
300	76	445	400	370	250	16	12-M20	845	400	16	1.6	
350	76	505	460	429	250	18	16-M20	958	500	18	1.35	
400	89	565	515	480	320	20	16-M24	1087	555	20	1.2	
450	89	615	565	530		22	20-M24			22	1.2	
500	114	670	620	582		24	20-M24			24	1.2	
600	114	780	725	682		32	20-M27			32	1.15	

QPA 系列
Series

可更换式PU内衬件双向密封耐磨刀闸阀
Replaceable PU lining bidirectional sealing wear-resistant knife gate valve

适用介质: 低压矿浆、浆液
Applicable Medium: Low-Pressure Ore Slurry, Slurry

尺寸图 Dimension



材质表 Material List

材质 Material	QPAZ573X-10C	QPAZ573X-10G	QPAZ573X-10P	QPAZ573X-10RL
阀体材质 Valve Body Material	WCB	GGG40	CF8	CF3M
闸板材质 Gate Material	SS304	SS304	SS304	SS316L
阀杆材质 Stem Material	2Cr13	2Cr13	SS304	SS304
支架材质 Yoke Material	Q235	Q235	SS304	SS304

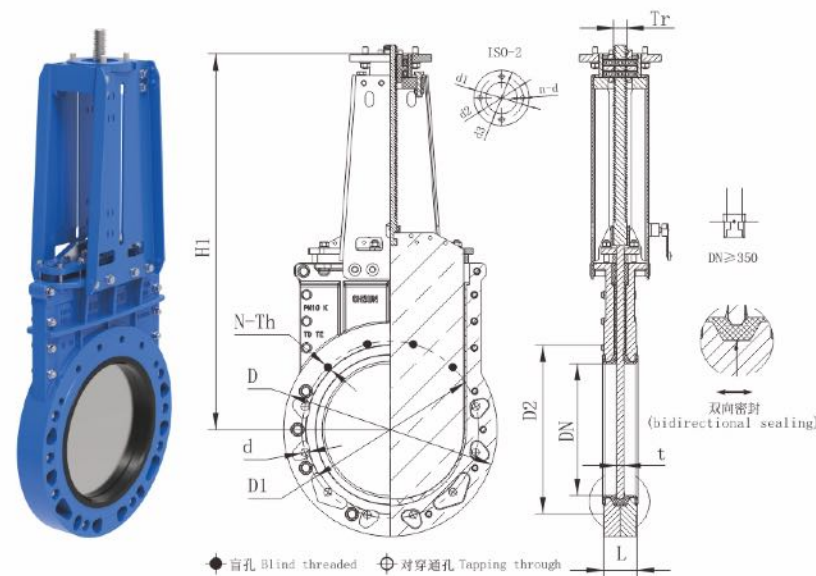
单位:mm unit:mm

DN	L	D	D1	D2	N-Th	d	H1	板厚 Plate Thickness	密封压力 (MPa) Sealing Pressure (MPa)	伞齿轮扭力 (Nm) Bevel Gear Torque (Nm)	伞齿轮圈数 Bevel Gear Turns	重量 (kg) weight (kg)
50	48	165	125	99	4-M16	Φ19		8				
65	48	185	145	118	4-M16	Φ19		8				
80	51	200	160	132	8-M16	Φ19		8	2.1			
100	51	220	180	156	8-M16	Φ19		8	2.1			
125	57	250	210	184	8-M16	Φ19		10	2.0			
150	57	285	240	211	8-M20	Φ23		10	2.0			
200	70	340	295	266	8-M20	Φ23		12	1.8			
250	70	395	350	319	12-M20	Φ23		14	1.75			
300	76	445	400	370	12-M20	Φ23	853	16	1.6			
350	76	505	460	429	16-M20	Φ23	865	18	1.35	67		
400	89	565	515	480	16-M24	Φ27	958	20	1.2			
450	89	615	565	530	20-M24	Φ27	1059	22	1.2			
500	114	670	620	582	20-M24	Φ27	1181	24	1.2	85		
600	114	780	725	682	20-M27	Φ30	1396	32	1.15			
700	127	895	840	794	24-M27	Φ30						
800	127	1015	950	901	24-M30	Φ33						
900	127	1115	1015	1001	28-M30	Φ33						
1000	149	1230	1160	1112	28-M33	Φ36						



QPA 系列 可更换式PU内衬件双向密封耐磨刀闸阀 **适用介质: 低压矿浆、浆液**
Series Replaceable PU lining bidirectional sealing wear-resistant knife gate valve Applicable Medium: Low-Pressure Ore Slurry, Slurry

尺寸图 Dimension



无电动 Non-electrically actuated

材质表 Material List

材质 Material	QPAZ943X-10C	QPAZ943X-10G	QPAZ943X-10P	QPAZ943X-10RL
阀体材质 Valve Body Material	WCB	GGG40	CF8	CF3M
闸板材质 Gate Material	SS304	SS304	SS304	SS316L
阀杆材质 Stem Material	2Cr13	2Cr13	SS304	SS304
支架材质 Yoke Material	Q235	Q235	SS304	SS304

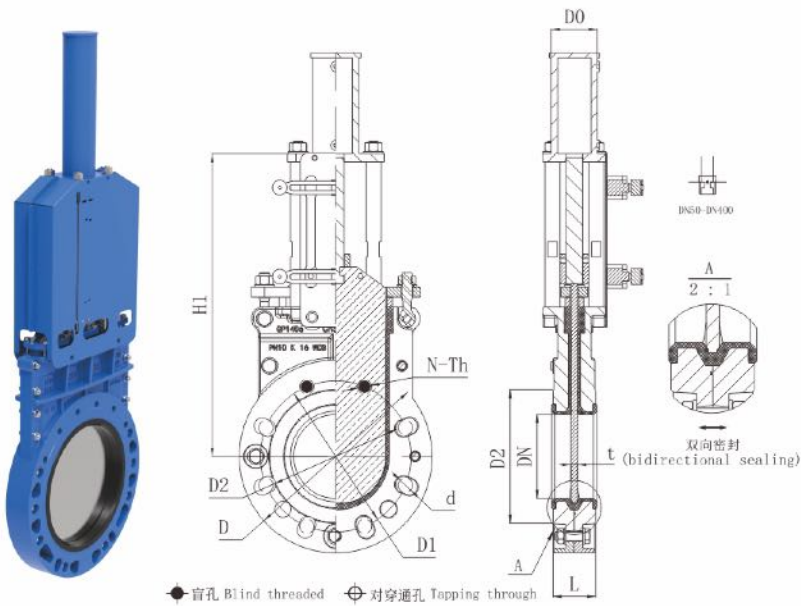
单位:mm unit:mm

DN	L	D	D1	D2	N-Th	T	H1	板厚 Plate Thickness	密封压力(MPa) Sealing Pressure (MPa)	重量(kg) weight (kg)
50	48	165	125	99	4-M16	8		8		
65	48	185	145	118	8-M16	8		8		
80	51	200	160	132	8-M16	8		8	2.1	
100	51	220	180	156	8-M16	8	408	8	2.1	
125	57	250	210	184	8-M16	10		10	2.0	
150	57	285	240	211	8-M20	10	518	10	2.0	
200	70	340	295	266	8-M20	12	614	12	1.8	
250	70	395	350	319	12-M20	14		14	1.75	
300	76	445	400	370	12-M20	16	849	16	1.6	
350	76	505	460	429	16-M20	18		18	1.35	
400	89	565	515	480	16-M24	20		20	1.2	
450	89	615	565	530	20-M24	22		22	1.2	
500	114	670	620	582	20-M24	24		24	1.2	
600	114	780	725	682	20-M27	32		32	1.15	



QPA 系列 可更换式PU内衬件双向密封耐磨刀闸阀 **适用介质: 低压矿浆、浆液**
Series Replaceable PU lining bidirectional sealing wear-resistant knife gate valve Applicable Medium: Low-Pressure Ore Slurry, Slurry

尺寸图 Dimension



材质表 Material List

材质 Material	QPAZ243X-10C	QPAZ243X-10G	QPAZ243X-10P	QPAZ243X-10RL
阀体材质 Valve Body Material	WCB	GGG40	CF8	CF3M
闸板材质 Gate Material	SS304	SS304	SS304	SS316L
阀杆材质 Stem Material	2Cr13	2Cr13	SS304	SS304
支架材质 Yoke Material	Q235	Q235	SS304	SS304

单位:mm unit:mm

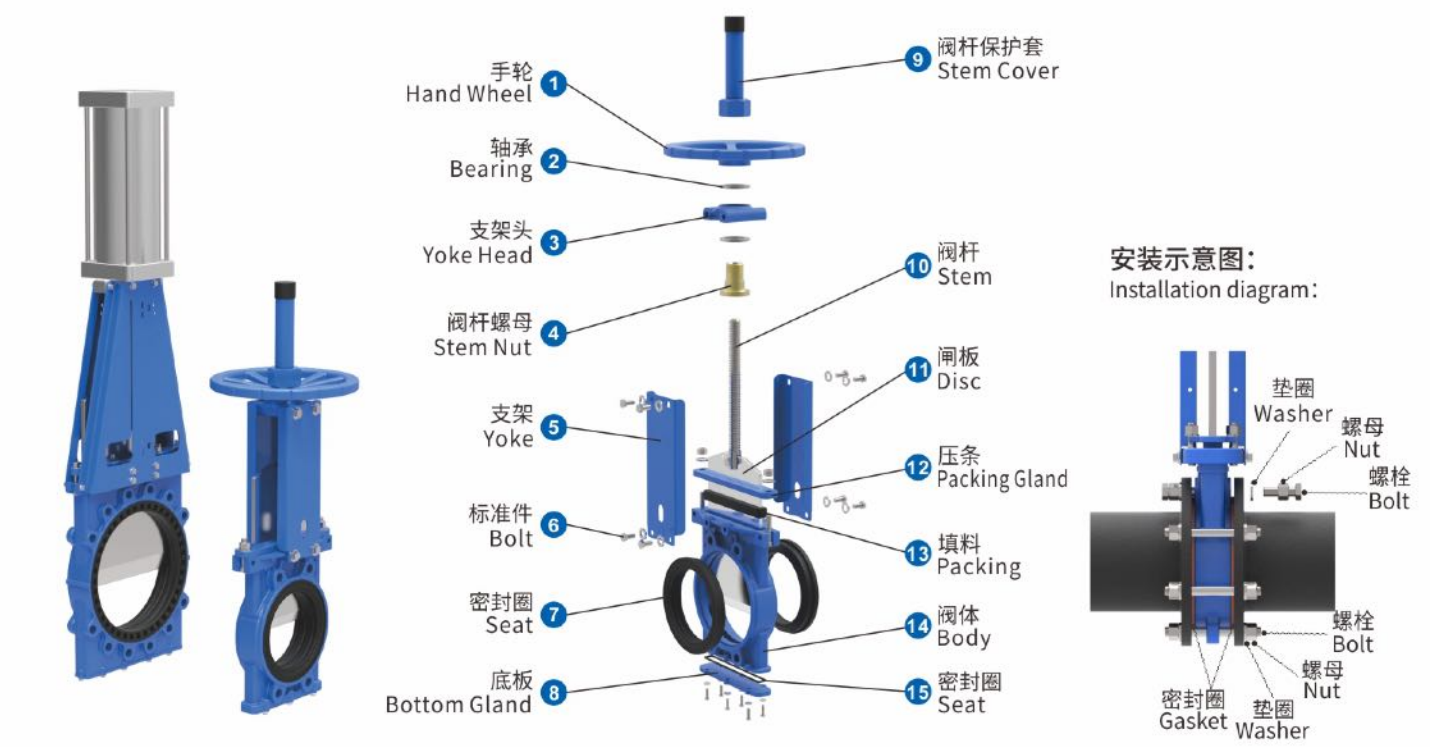
DN	L	D	D1	D2	D0	N-Th	t	d	H1	板厚 Plate Thickness	密封压力(MPa) Sealing Pressure (MPa)	重量(kg) weight (kg)
50	48	165	125	99	40	4-M16	8	Φ19	277	8		
65	48	185	145	118	40	4-M16	8	Φ19	301	8		
80	51	200	160	132	40	8-M16	8	Φ19	323	8	2.1	
100	51	220	180	156	40	8-M16	8	Φ19	361	8	2.1	
125	57	250	210	184	50	8-M16	10	Φ19	421	10	2.0	
150	57	285	240	211	50	8-M20	10	Φ23	467	10	2.0	
200	70	340	295	266	63	8-M20	12	Φ23	562.5	12	1.8	
250	70	395	350	319	63	12-M20	14	Φ23	673.5	14	1.75	
300	76	445	400	370	63	12-M20	16	Φ23	789	16	1.6	
350	76	505	460	429	80	16-M20	18	Φ23	877.5	18	1.35	
400	89	565	515	480	80	16-M24	20	Φ27	975	20	1.2	
450	89	615	565	530		20-M24	22	Φ23		22	1.2	
500	114	670	620	582		20-M24	24	Φ23		24	1.2	
600	114	780	725	682		20-M27	32	Φ30		32	1.15	

QW系列

Series

双向自密封刀闸阀
Bi-directional Self Sealing Knife Gate Valve

适用介质: 低压矿浆、浆液
Applicable Medium: Low-Pressure Ore Slurry, Slurry



型号: QWZ73X

连接形式: 对夹

设计标准: JB/T8691-2013

法兰标准: GB/T9113.1-2010
ASME B16.5 (2"~24")
ASME B16.47 (26"~60")
AS2129:TABLE D
AS2129:TABLE E

结构长度: GB/T15188.2-94 chart6-7

检验标准: GB/T13927-2008

开关形式: 手轮, 蜗轮, 气动, 电装, 液动, 电液动, 链轮盘, 杠杆

阀体材质: GGG40

闸板材质: F55, F53, 2205, SS310, SS316L, SS316, SS304

密封材质: NR

填料: 芳纶, 高水基, 四氟, 橡胶

适用介质: 低压矿浆、浆液、盾构机

Model: QWZ73X

Type: Wafer

Design Standard: MSS SP-81

Flange Standard: DIN PN10, PN16, 150LB, JIS 10K, TABLE E/D

Face to Face: MSS SP-81

Testing Standard: API-598

Operation: handwheel, electric, pneumatic, hydraulic, sprocket, electro-hydraulic, gear, lever

Main material: GGG40

Disc material: F55, F53, 2205, SS310, SS316L, SS316, SS304

Sealing material: NR

Packing: Aramid fiber, high-water based fiber, rubber, PTFE

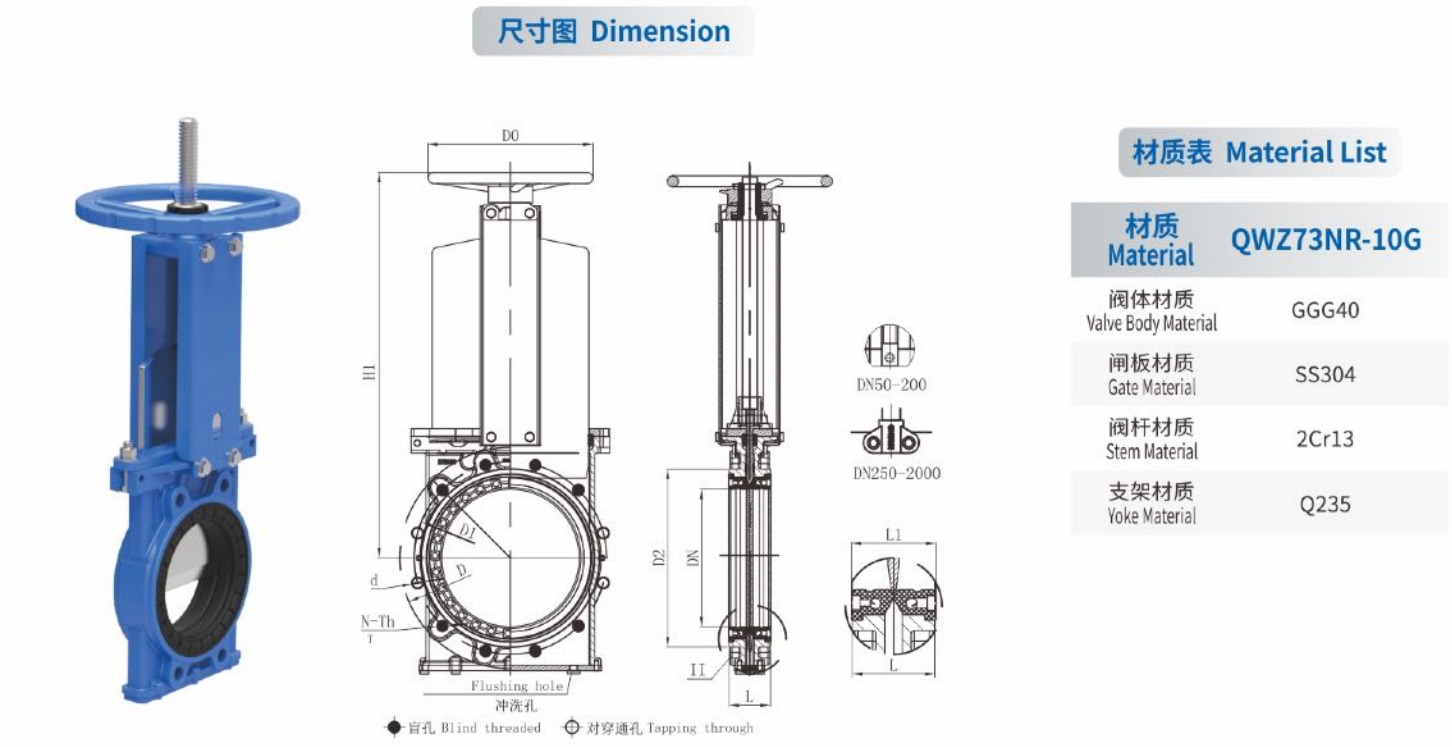
Applicable medium: Low-Pressure Ore Slurry, Slurry, Tunnel Boring Machine

QW系列

Series

双向自密封刀闸阀
Bi-directional Self Sealing Knife Gate Valve

适用介质: 低压矿浆、浆液
Applicable Medium: Low-Pressure Ore Slurry, Slurry



单位:mm unit:mm														
DN	L	L1	D	D1	D2	D0	N-Th	d	H1	板厚 Plate Thickness	密封压力(MPa) Sealing Pressure (MPa)	手动扭力(Nm) Manual Torque (Nm)	手动圈数 Manual Turns	重量(kg) weight (kg)
50	53	55	165	125	99	180	4-M16	Φ18	295	5	1.6	40	15	
65	53	55	185	145	118	200	4-M16	Φ18	310	5	1.6	40	19	
80	55	57	200	160	132	220	8-M16	Φ18	335	5	1.6	40	22	16
100	55	57	220	180	156	240	8-M16	Φ18	375	5	1.6	40	27	
125	62	64	250	210	184	260	8-M16	Φ18	420	5	1.6	40	34	
150	62	64	285	240	211	280	8-M20	Φ23	490	6	1.4	55	33	30
200	75	77	340	295	266	300	8-M20	Φ23	570	6	1.0	55	43	45
250	75	77	395	350	319	320	12-M20	Φ23	690	8	1.0	70	53	
300	82	84	445	400	370	350	12-M20	Φ23	805	8	0.8	70	63	
350	82	84	505	460	429	400	16-M20	Φ23	895	8	0.7	85	62	140
400	95	99	565	515	480	450	16-M24	Φ27	985	8	0.6	85	69	
450	95	99	615	565	530		20-M24	Φ27		8	0.5			
500	125	129	670	620	582		20-M24	Φ27		12	0.5			282
600	125	129	780	725	682		20-M27	Φ30		14	0.45			
700	138	143	895	840	794		24-M27	Φ30		14	0.45			
800	138	143	1015	950	901		24-M30	Φ33		16	0.3			

QW系列

双向自密封刀闸阀

Bi-directional Self Sealing Knife Gate Valve

适用介质: 低压矿浆、浆液
Applicable Medium: Low-Pressure Ore Slurry, Slurry

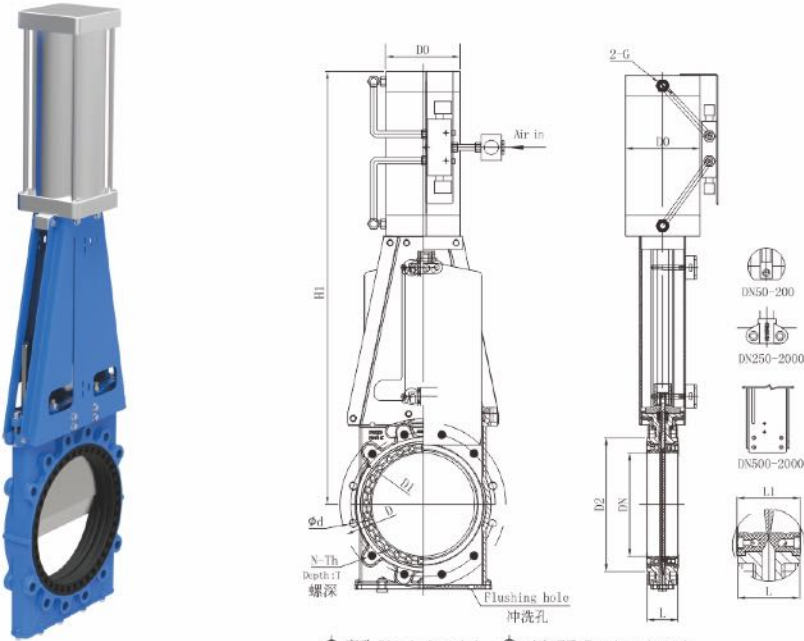
QW系列

双向自密封刀闸阀

Bi-directional Self Sealing Knife Gate Valve

适用介质: 低压矿浆、浆液
Applicable Medium: Low-Pressure Ore Slurry, Slurry

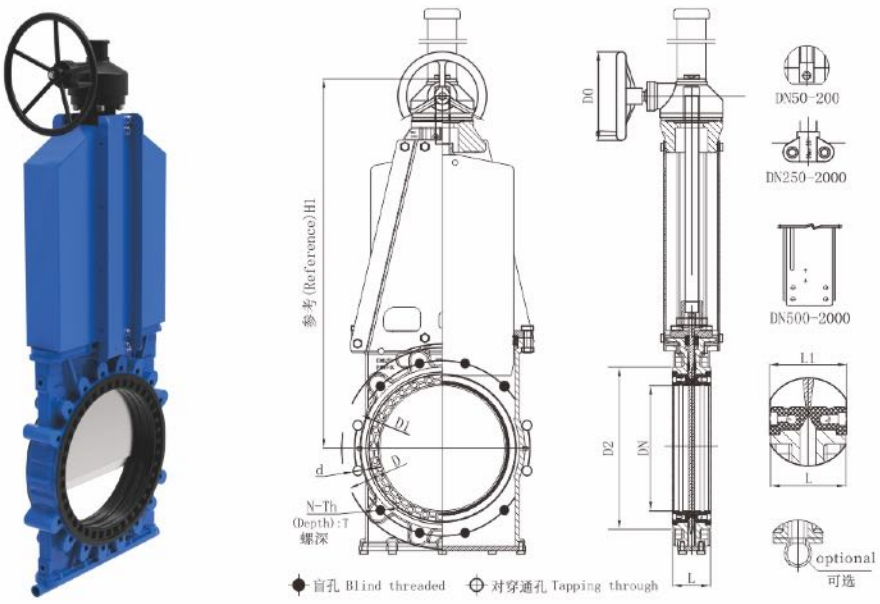
尺寸图 Dimension



材质表 Material List

材质	QWZ673NR-10G
阀体材质	GGG40
闸板材质	SS304
阀杆材质	2Cr13
支架材质	Q235

尺寸图 Dimension



材质表 Material List

材质	QWZ573NR-10Q
阀体材质	GGG40
闸板材质	SS304
阀杆材质	2Cr13
支架材质	Q235

单位:mm unit:mm

DN	L	L1	D	D1	D2	D0	N-Th	d	H1	板厚 Plate Thickness	密封压力(MPa) Sealing Pressure (MPa)	重量(kg) weight (kg)
50	53	55	165	125	99	100	4-M16	Φ18	483	5	1.6	
65	53	55	185	145	118	100	4-M16	Φ18	505	5	1.6	
80	55	57	200	160	132	100	8-M16	Φ18	550	5	1.6	
100	55	57	220	180	156	125	8-M16	Φ18	600	5	1.6	22
125	62	64	250	210	184	125	8-M16	Φ18	710	5	1.6	
150	62	64	285	240	211	160	8-M20	Φ23	805	6	1.4	43
200	75	77	340	295	266	160	8-M20	Φ23	985	6	1.0	
250	75	77	395	350	319	200	12-M20	Φ23	1160	8	1.0	84
300	82	84	445	400	370	200	12-M20	Φ23	1315	8	0.8	
350	82	84	505	460	429	250	16-M20	Φ23	1520	8	0.7	172
400	95	99	565	515	480	250	16-M24	Φ27	1610	8	0.6	
450	95	99	615	565	530	250	20-M24	Φ27	1795	8	0.5	
500	125	129	670	620	582	320	20-M24	Φ27	1995	12	0.5	
600	125	129	780	725	682	320	20-M27	Φ30	2250	14	0.45	
700	138	143	895	840	794	400	24-M27	Φ30	2465	14	0.45	
800	138	143	1015	950	901	400	24-M30	Φ33	2785	16	0.3	

单位:mm unit:mm

DN	L	L1	D	D1	D2	D0	N-Th	d	H1	板厚 Plate Thickness	密封压力(MPa) Sealing Pressure (MPa)	伞齿轮扭力(Nm) Bevel Gear Torque (Nm)	伞齿轮圈数 Bevel Gear Turns	重量(kg) weight (kg)
50	53	55	165	125	99	250	4-M16	Φ18	385	5	1.6	15	38	
65	53	55	185	145	118	250	4-M16	Φ18	390	5	1.6	15	48	
80	55	57	200	160	132	250	8-M16	Φ18	470	5	1.6	15	55	
100	55	57	220	180	156	250	8-M16	Φ18	520	5	1.6	15	68	
125	62	64	250	210	184	250	8-M16	Φ18	569	5	1.6	15	85	
150	62	64	285	240	211	250	8-M20	Φ23	623	6	1.4	25	83	
200	75	77	340	295	266	250	8-M20	Φ23	695	6	1.0	25	108	
250	75	77	395	350	319	300	12-M20	Φ23	830	8	1.0	30	133	
300	82	84	445	400	370	300	12-M20	Φ23	950	8	0.8	30	158	
350	82	84	505	460	429	450	16-M20	Φ23	1060	8	0.7	40	186	
400	95	99	565	515	480	450	16-M24	Φ27	1125	8	0.6	40	207	
450	95	99	615	565	530	450	20-M24	Φ27	1200	8	0.5	95	230	
500	125	129	670	620	582	500	20-M24	Φ27	1350	12	0.5	95	255	
600	125	129	780	725	682	500	20-M27	Φ30	1580	14	0.45	105	370	
700	138	143	895	840	794	600	24-M27	Φ30	1715	14	0.45	120	370	
800	138	143	1015	950	901	600	24-M30	Φ33	1925	16	0.3	120	480	

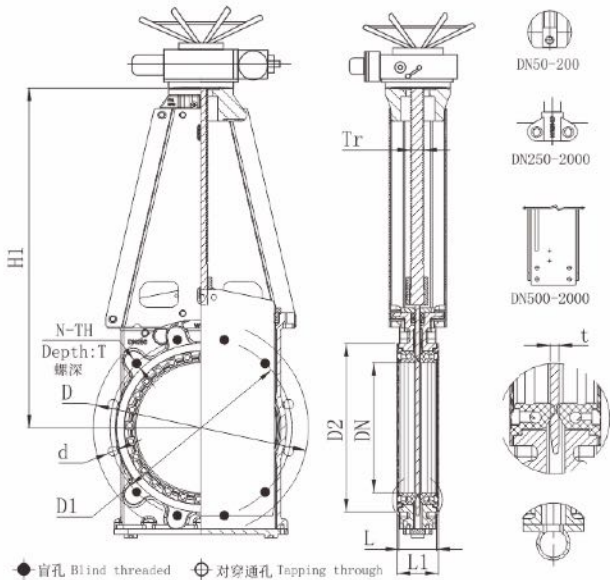
QW 系列

双向自密封刀闸阀

Bi-directional Self Sealing Knife Gate Valve

适用介质: 低压矿浆、浆液
Applicable Medium: Low-Pressure Ore Slurry, Slurry

尺寸图 Dimension



材质表 Material List

材质 Material	QWZ973NR-10G
阀体材质 Valve Body Material	GGG40
闸板材质 Gate Material	SS304
阀杆材质 Stem Material	2Cr13
支架材质 Yoke Material	Q235

单位:mm unit:mm

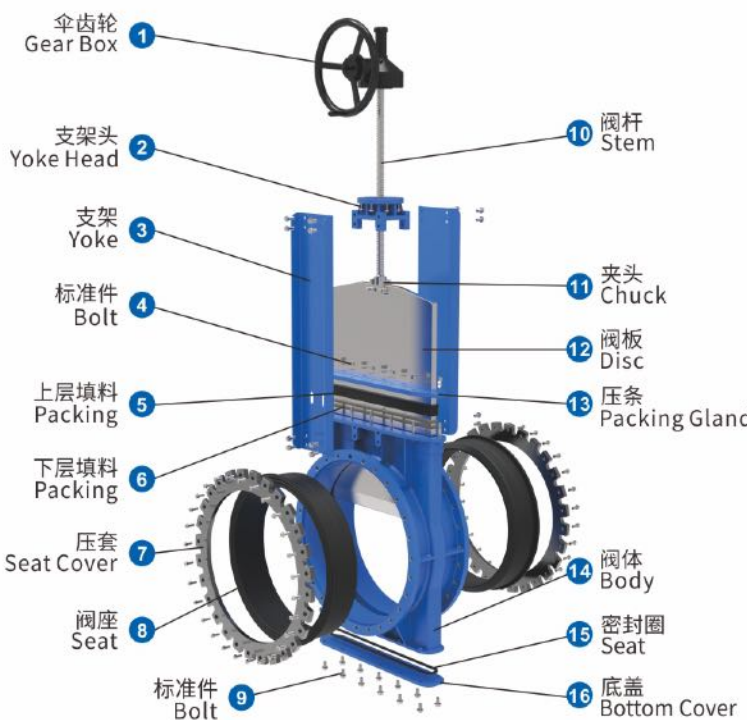
DN	L	L1	D	D1	D2	t	N-TH	T	d	H1	板厚 Plate Thickness	密封压力 (MPa) Sealing Pressure (MPa)	重量 (kg) weight (kg)
50	53	55	165	125	99	4	4-M16	12	19	279	5	1.6	
65	53	55	185	145	118	4	4-M16	12	19	306	5	1.6	
80	55	57	200	160	132	5	8-M16	12	19	334	5	1.6	
100	55	57	220	180	156	5	8-M16	12	19	374	5	1.6	
125	62	64	250	210	184	5	8-M16	14	19	423	5	1.6	
150	62	64	285	240	211	6	8-M20	14	23	482	6	1.4	
200	75	77	340	295	266	6	8-M20	18	23	560	6	1.0	
250	75	77	395	350	319	8	12-M20	18	23	654	8	1.0	
300	82	84	445	400	370	8	12-M20	20	23	768	8	0.8	
350	82	84	505	460	429	8	16-M20	20	23	866	8	0.7	
400	95	99	565	515	480	10	16-M24	24	27	953	8	0.6	
450	95	99	615	565	530	10	20-M24	24	27	1044	8	0.5	
500	125	129	670	620	582	12	20-M24	27	27	1149	12	0.5	
600	125	129	780	725	682	14	20-M27	27	30	1347	14	0.45	
700	138	143	895	840	794	14	24-M27	27	30	1497	14	0.45	
800	138	143	1015	950	901	16	24-M30	30	33	1707	16	0.3	

QWL 系列

双向自密封刀闸阀

Bi-directional Self Sealing Knife Gate Valve

适用介质: 低压矿浆、浆液
Applicable Medium: Low-Pressure Ore Slurry, Slurry



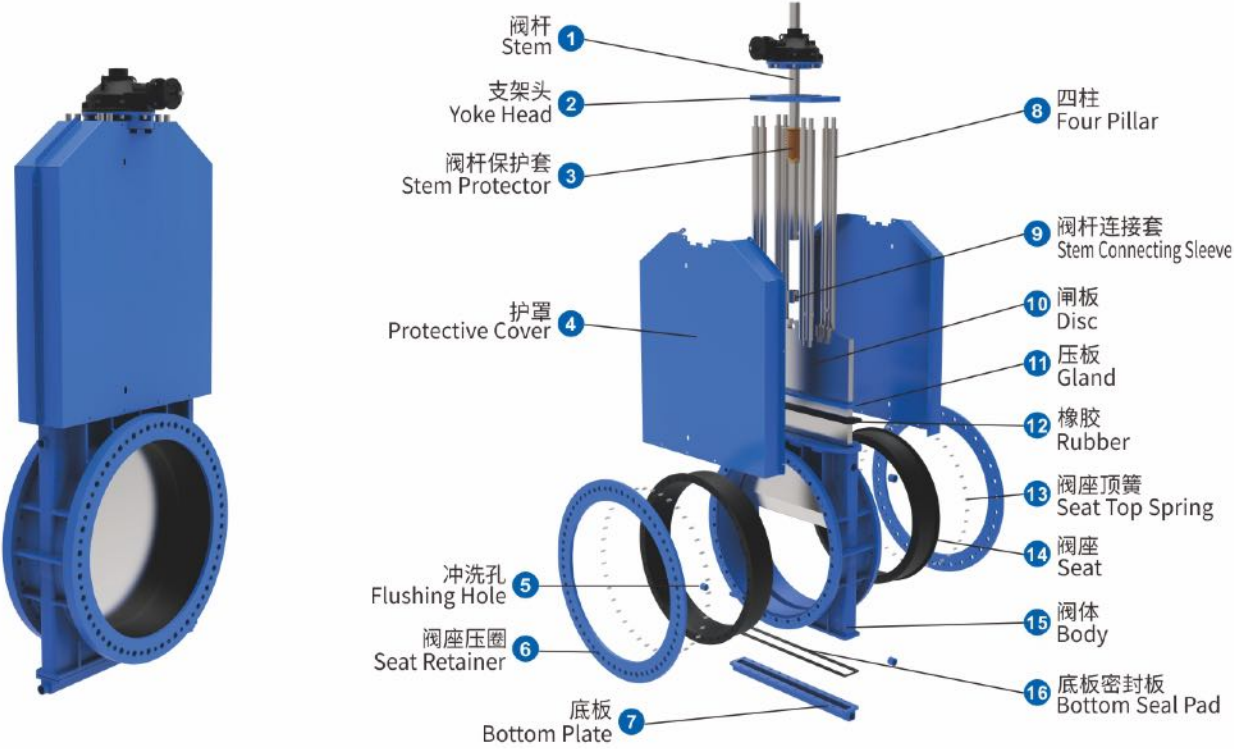
型号: QWLZ53X
连接形式: 梅花
设计标准: JB/T8691-2013
法兰标准: GB/T9113.1-2010
ASME B16.5 (2"~24")
ASME B16.47 (26"~60")
AS2129:TABLE D
AS2129:TABLE E
结构长度: GB/T15188.2-94 chart6-7
检验标准: GB/T13927-2008
开关形式: 手轮, 涡轮, 气动, 电装, 液动, 电液动, 链轮盘
阀体材质: F55,F53,2205,CF3M,CF8M,CF8,WCB,GGG40
闸板材质: F55,F53,2205,SS310,SS316L,SS316,SS304
密封材质: NBR,EPDM,NR,PU
填料: 芳纶, 高水基, 四氟, 橡胶, 石墨
适用介质: 低压矿浆、浆液、盾构机

Model: QWLZ53X
Type: Lug
Design Standard: MSS SP-81
Flange Standard: DIN PN10,PN16,150LB ,JIS 10K,TABLE E/D
Face to Face: MSS SP-81
Testing Standard: API-598
Operation: handwheel, electric, pneumatic, hydraulic, sprocket, electro-hydraulic,gear
Main material: F55, F53, 2205, CF3M, CF8M, CF8, WCB, GGG40
Disc material: F55,F53,2205,SS310,SS316L,SS316,SS304
Sealing material: NBR,EPDM,NR,PU
Packing: Aramid fiber, high-water based fiber,rubber, PTFE, graphite
Applicable medium: Low-Pressure Ore Slurry, Slurry, Tunnel Boring Machine



QWL 系列 双向自密封刀闸阀
Series Bi-directional Self Sealing Knife Gate Valve

适用介质: 低压矿浆、浆液
Applicable Medium: Low-Pressure Ore Slurry, Slurry



型号: QWLZ53X
连接形式: 法兰
设计标准: JB/T8691-2013
法兰标准: GB/T9113.1-2010
ASME B16.5 (2"~24")
ASME B16.47 (26"~60")
AS2129:TABLE D
AS2129:TABLE E
结构长度: GB/T15188.2-94 chart6-7
检验标准: GB/T13927-2008
开关形式: 手轮, 蜗轮, 气动, 电装, 液动, 电液动, 链轮盘
阀体材质: F55, F53, 2205, CF3M, CF8M, CF8, WCB, GGG40
闸板材质: F55, F53, 2205, SS310, SS316L, SS316, SS304
密封材质: NBR, EPDM, NR, PU
填料: 芳纶, 高水基, 四氟, 橡胶, 石墨
适用介质: 低压矿浆、浆液、盾构机

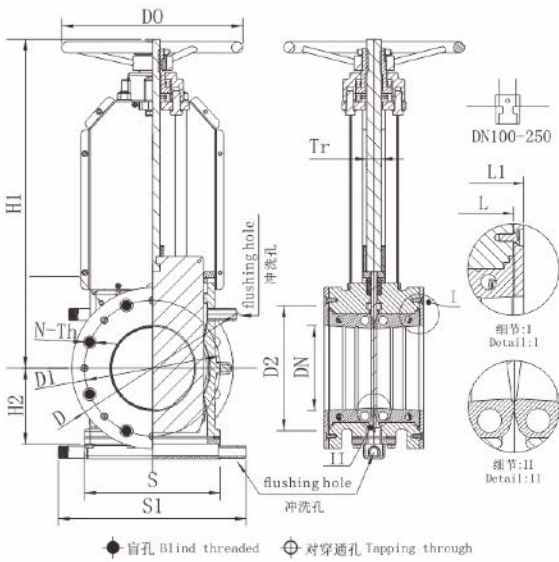
Model: QWLZ53X
Type: Flange
Design Standard: MSS SP-81
Flange Standard: DIN PN10, PN16, 150LB, JIS 10K, TABLE E/D
Face to Face: MSS SP-81
Testing Standard: API-598
Operation: handwheel, electric, pneumatic, hydraulic, sprocket, electro-hydraulic, gear
Main material: F55, F53, 2205, CF3M, CF8M, CF8, WCB, GGG40
Disc material: F55, F53, 2205, SS310, SS316L, SS316, SS304
Sealing material: NBR, EPDM, NR, PU
Packing: Aramid fiber, high-water based fiber, rubber, PTFE, graphite
Applicable medium: Low-Pressure Ore Slurry, Slurry, Tunnel Boring Machine



QWL 系列 双向自密封刀闸阀
Series Bi-directional Self Sealing Knife Gate Valve

适用介质: 低压矿浆、浆液
Applicable Medium: Low-Pressure Ore Slurry, Slurry

尺寸图 Dimension



材质表 Material List

材质 Material	QWLZ43NM-10C	QWLZ43NM-10P	QWLZ43NM-10R	QWLZ43NM-10RL
阀体材质 Valve Body Material	WCB	CF8	CF8M	CF3M
闸板材质 Gate Material	SS304	SS304	SS316L	SS316L
阀杆材质 Stem Material	2Cr13	SS304	SS304	SS304
支架材质 Yoke Material	Q235	SS304	SS304	SS304

单位:mm unit:mm

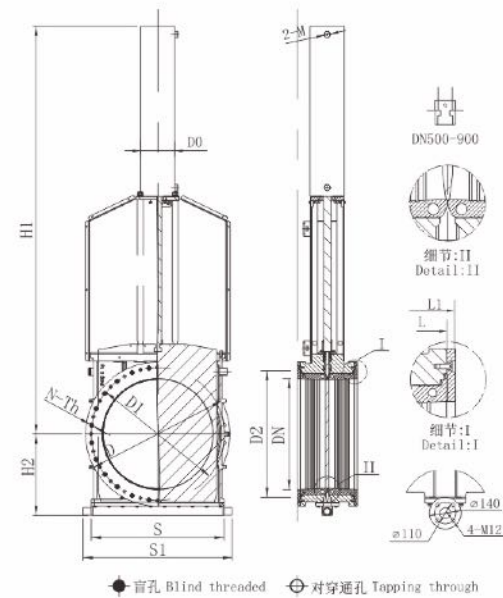
DN	L	L1	D	D1	D2	D0	N-Th	d	H1	H2	S	S1	板厚 Plate Thickness	密封压力 (MPa) Sealing Pressure (MPa)	手动扭力 (Nm) Manual Torque (Nm)	手动圈数 Manual Turns	重量 (kg) weight (kg)
100	160	176	220	180	156	280	8-M16	Φ19	465	130	182	274					
125	160	176	250	210	184	280	8-M16	Φ19	513	144	215	307	8	1.8			
150	160	176	285	240	211	320	8-M20	Φ23	581	160	240	332	10	1.7			
200	165	185	340	295	266	320	8-M20	Φ23	665	198	296	388					
250	206	226	395	350	319	400	12-M20	Φ23	769	227	353	445					



QWL 系列 双向自密封刀闸阀
Series Bi-directional Self Sealing Knife Gate Valve

适用介质: 低压矿浆、浆液
Applicable Medium: Low-Pressure Ore Slurry, Slurry

尺寸图 Dimension



材质表 Material List

材质 Material	QWLZ243NM-10C	QWLZ243NM-10P	QWLZ243NM-10R	QWLZ243NM-10RL
阀体材质 Valve Body Material	WCB	CF8	CF8M	CF3M
闸板材质 Gate Material	SS304	SS304	SS316L	SS316L
阀杆材质 Stem Material	2Cr13	SS304	SS304	SS304
支架材质 Yoke Material	Q235	SS304	SS304	SS304

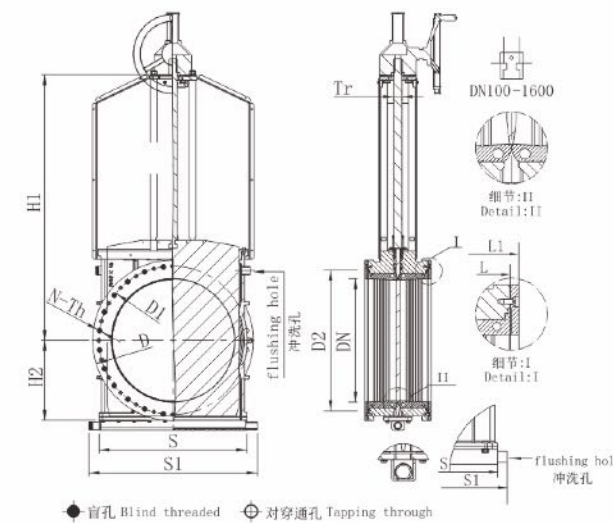
单位:mm unit:mm

DN	L	L1	D	D1	D2	D0	N-Th	d	S	S1	H1	H2	板厚 Plate Thickness	密封压力(MPa) Sealing Pressure (MPa)	重量(kg) weight (kg)
100	160	176	229	180	156	50	8-M16	Φ18	182	274	366	130			
125	160	176	254	210	184	50	8-M16	Φ18	215	307	410	144	8	1.8	
150	160	176	285	240	211	50	8-M20	Φ23	240	332	-	160	10	1.7	
200	165	185	343	295	266	50	8-M20	Φ23	296	384	555	205			
250	206	226	406	350	319	63	12-M20	Φ23	353	441	653	234			
300	234	258	483	400	370	63	12-M20	Φ23	414	502	788	254			
350	234	258	520	460	429	100	16-M20	Φ23	461	549	958	314			
400	252	280	597	515	480	-	16-M24	Φ27	516	640	-	319			
450	282	310	640	565	530	100	20-M24	Φ27	568	656	1023	349			
500	328	360	715	620	582	-	20-M24	Φ27	629	717	-	381			
600	336	372	840	725	682	-	20-M27	Φ30	734	822	-	446			
700	342	378	910	840	794	-	24-M27	Φ30	839	927	-	510			
800	373	413	1025	950	901	125	24-M30	Φ33	942	1030	-	579			
900	430	470	1125	1050	1001	125	28-M30	Φ33	1051	1139	1754	660			
1000	485	535	1255	1160	1112	-	28-M33	Φ36	1172	1260	1956	710			
1200	485	535	1485	1380	1328	-	32-M36	Φ39	1376	1464	-	820			
1400	485	535	1675	1590	1530	-	36-M39	Φ42	1565	1653	-	940			

QWL 系列 双向自密封刀闸阀
Series Bi-directional Self Sealing Knife Gate Valve

适用介质: 低压矿浆、浆液
Applicable Medium: Low-Pressure Ore Slurry, Slurry

尺寸图 Dimension



材质表 Material List

材质 Material	QWLZ543NM-10C	QWLZ543NM-10P	QWLZ543NM-10R	QWLZ543NM-10RL
阀体材质 Valve Body Material	WCB	CF8	CF8M	CF3M
闸板材质 Gate Material	SS304	SS304	SS316L	SS316L
阀杆材质 Stem Material	2Cr13	SS304	SS304	SS304
支架材质 Yoke Material	Q235	SS304	SS304	SS304

单位:mm unit:mm

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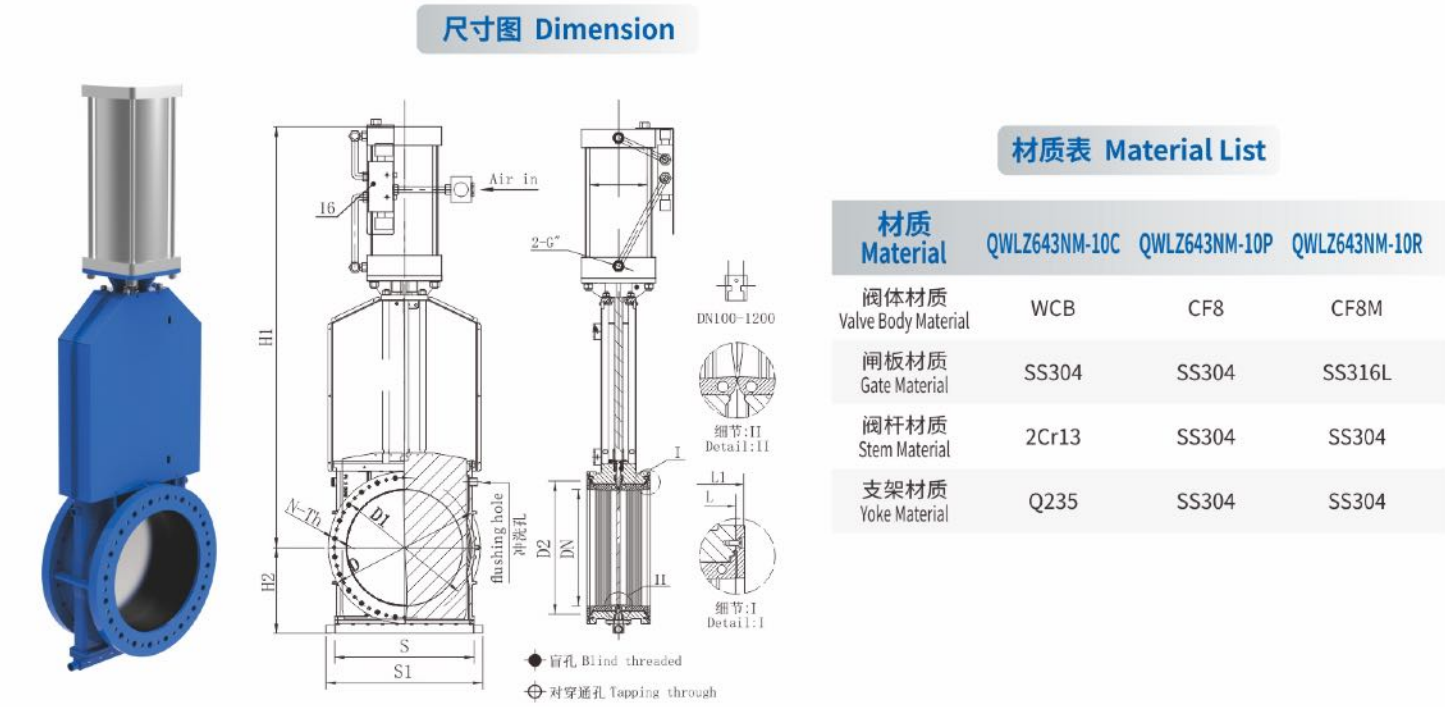
QWL系列

Series

双向自密封刀闸阀

Bi-directional Self Sealing Knife Gate Valve

适用介质: 低压矿浆、浆液
Applicable Medium: Low-Pressure Ore Slurry, Slurry



单位:mm unit:mm

DN	L	L1	D	D1	D2	D0	N-Th	d	S	S1	H1	H2	板厚 Plate Thickness	密封压力 (MPa) Sealing Pressure (MPa)	重量 (kg) weight (kg)
100	160	176	229	180	156	Φ160	8-M16	Φ18	182	274	420	130			
125	160	176	254	210	184	-	8-M16	Φ18	215	307	-	144	8	1.8	
150	160	176	285	240	211	Φ160	8-M20	Φ23	240	332	-	160	10	1.7	
200	165	185	343	295	266	Φ200	8-M20	Φ23	296	384	617	205			
250	206	226	406	350	319	Φ250	12-M20	Φ23	353	441	725	234			
300	234	258	483	400	370	Φ250	12-M20	Φ23	414	502	860	254			
350	234	258	520	460	429	Φ320	16-M20	Φ23	461	549	993	314			
400	252	280	597	515	480	Φ320	16-M24	Φ27	516	640	1109	319			
450	282	310	640	565	530	-	20-M24	Φ27	568	656	-	349			
500	328	360	715	620	582	Φ320	20-M24	Φ27	629	717	1236	381			
600	336	372	840	725	682	Φ320	20-M27	Φ30	734	822	1451	446			
700	342	378	910	840	794	Φ320	24-M27	Φ30	839	927	1661	510			
800	373	413	1025	950	901	-	24-M30	Φ33	942	1030	-	579			
900	430	470	1125	1050	1001	Φ550	28-M30	Φ33	1051	1139	2150	660			
1000	485	535	1255	1160	1112	-	28-M33	Φ36	1172	1260	-	710			
1200	485	535	1485	1380	1328	-	32-M36	Φ39	1376	1464	-	820			
1400	485	535	1675	1590	1530	-	36-M39	Φ42	1565	1653	-	940			

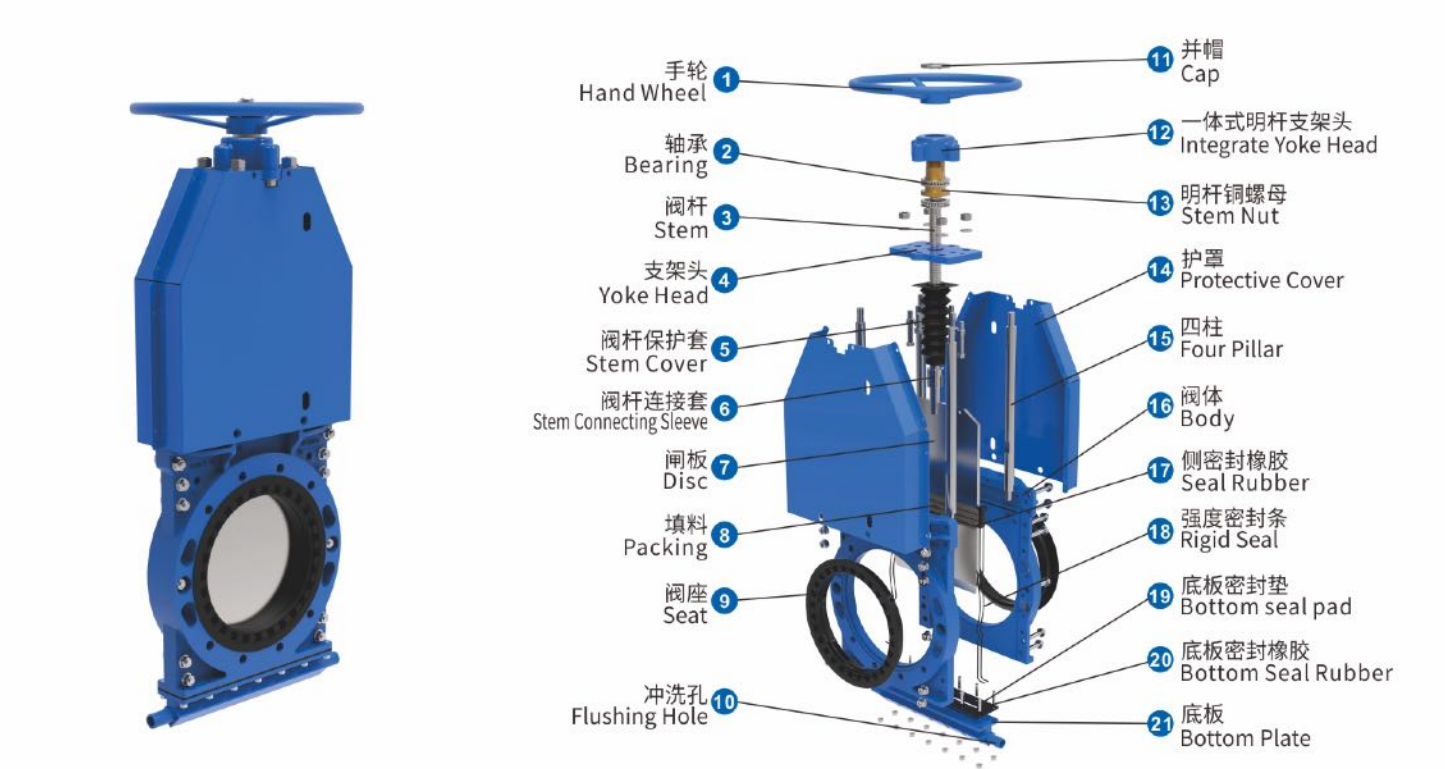
QWF系列

Series

双向自密封刀闸阀

Bi-directional Self Sealing Knife Gate Valve

适用介质: 低压矿浆、浆液
Applicable Medium: Low-Pressure Ore Slurry, Slurry



型号: QWFZ43X
连接形式: 法兰
设计标准: JB/T8691-2013, MSS SP.81
法兰标准: GB/T9113.1-2010
ASME B16.5 (2"~24")
ASME B16.47 (26"~60")
AS2129:TABLE D
AS2129:TABLE E
结构长度: GB/T15188.2-94,J21,J22,MSS.SP.81
检验标准: GB/T13927-2022, API598-2016
开关形式: 手轮, 伞齿轮, 气动, 电动, 液动, 电液动
阀体材质: Q235,SS304,SS316L,321,2507,2205
闸板材质: SS304,SS316L,321,2507,2205
密封材质: NBR, EPDM,FKM,NR,PU
填料: 芳纶, 高水基, 四氟
适用介质: 低压矿浆、浆液、盾构机

Model: QWFZ43X
Type: Flange
Design Standard: JB/T8691-2013, MSS SP.81
Flange Standard: DIN PN10,PN16,150LB,JIS 10K,TABLE E/D
Face to Face: GB/T15188.2-94,J21,J22,MSS.SP.81
Testing Standard: GB/T13927-2022, API598-2016
Operation: handwheel, electric, pneumatic, hydraulic, electro-hydraulic,gear
Main material: Q235,SS304,SS316L,321,2507,2205
Disc material: SS304,SS316L,321,2507,2205
Sealing material: NBR, EPDM,FKM,NR,PU
Packing: Aramid fiber, high-water based fiber, PTFE
Applicable medium: Low-Pressure Ore Slurry, Slurry, Tunnel Boring Machine

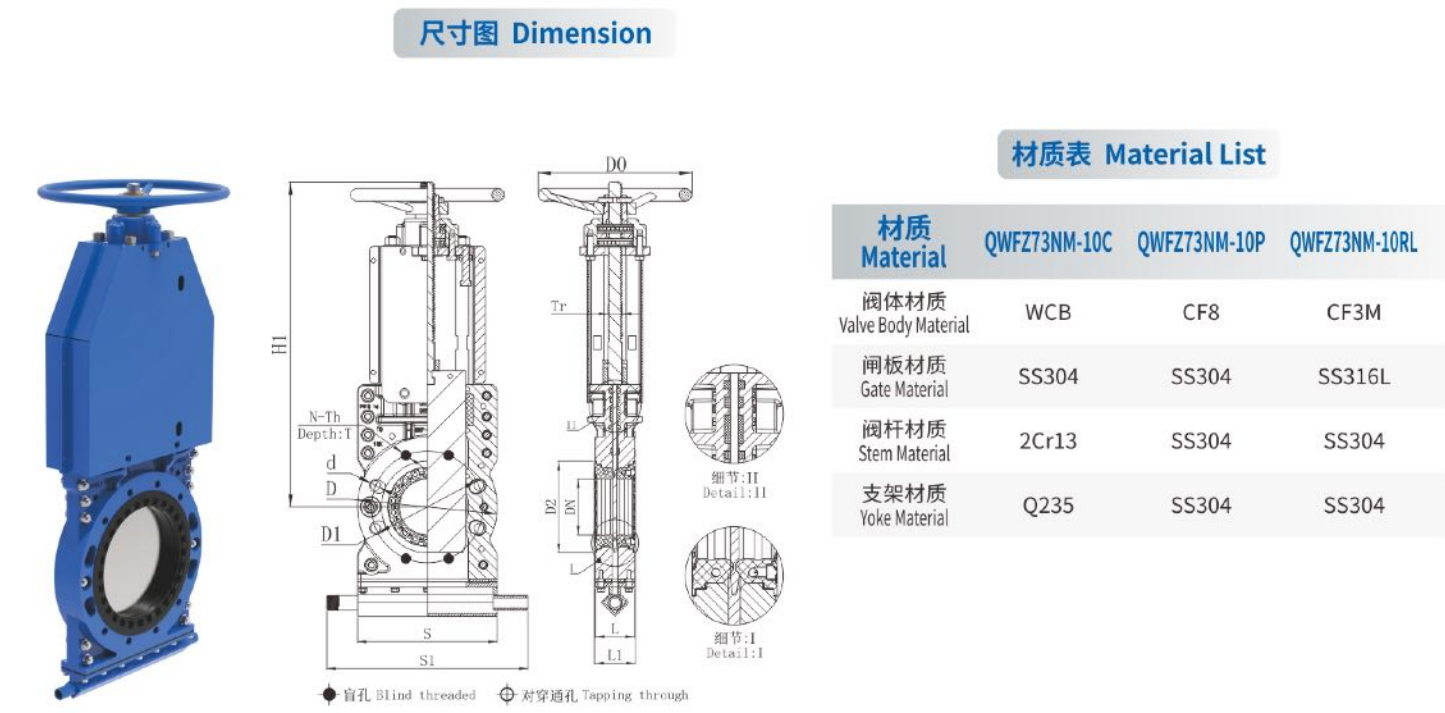
QWF系列

Series

双向自密封刀闸阀

Bi-directional Self Sealing Knife Gate Valve

适用介质: 低压矿浆、浆液
Applicable Medium: Low-Pressure Ore Slurry, Slurry



单位:mm unit:mm

DN	L	L1	D	D1	D2	N-Th	S1	S2	H1	板厚 Plate Thickness	密封压力 (MPa) Sealing Pressure (MPa)	手动扭力 (Nm) Manual Torque (Nm)	手动圈数 Manual Turns	重量 (kg) weight (kg)
50	53	55	165	125	99	4-M16	170	258						
65	53	55	185	145	118	4-M16								
80	57	59	200	160	132	8-M16	200	288	465					
100	57	59	220	180	156	8-M16	220	308	508	6	1.6			
125	62	64	250	210	184	8-M16	245	333	560	6				
150	61	63	285	240	211	8-M20	267	355	620	8	1.6			
200	75	77	340	295	266	8-M20	318	406	707	8				
250	75	77	395	350	319	12-M20	370	458	821	10	1.5			
300	82	85	445	400	370	12-M20	425	513	897	10	1.1			
350	82	85	505	460	429	16-M20	485	573	1010	10	0.8			
400	93	94	565	515	480	16-M24	535	623	1098	12				

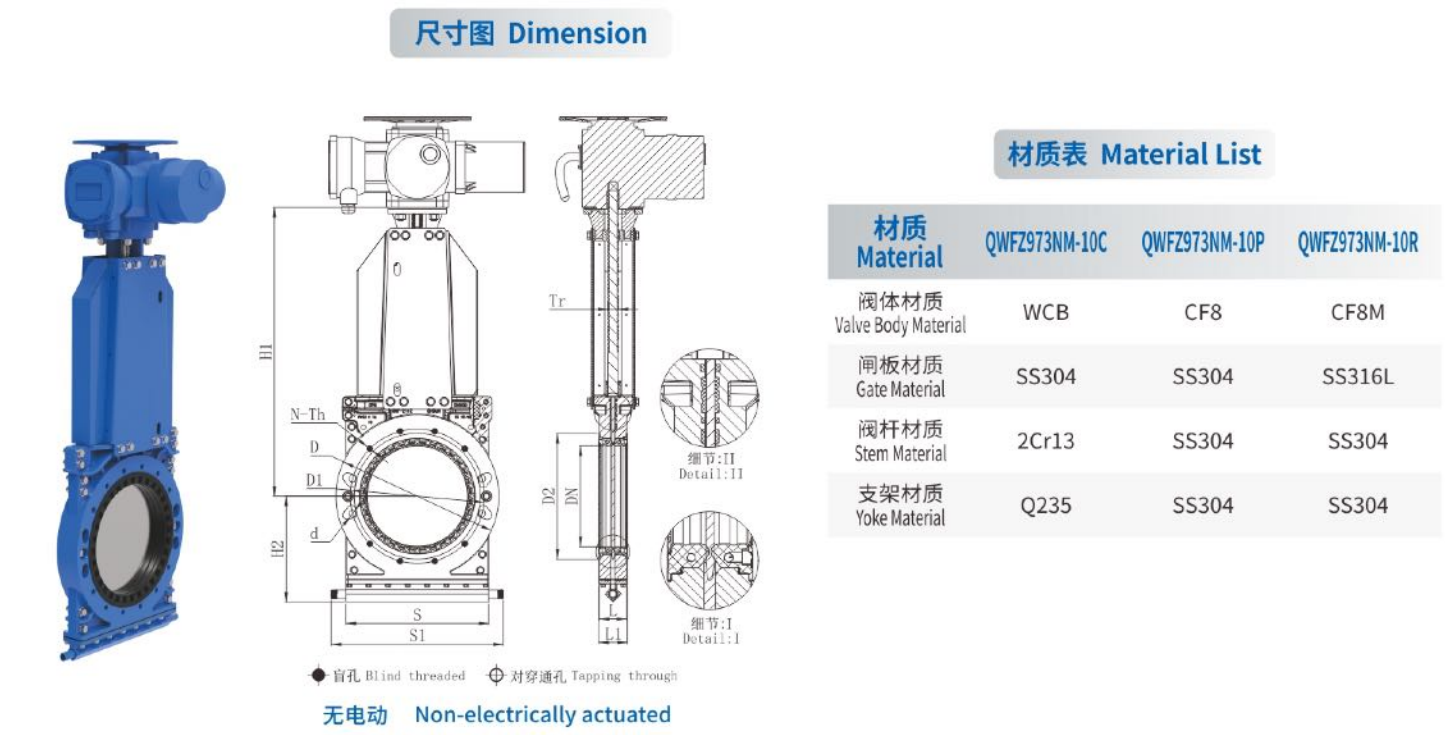
QWF系列

Series

双向自密封刀闸阀

Bi-directional Self Sealing Knife Gate Valve

适用介质: 低压矿浆、浆液
Applicable Medium: Low-Pressure Ore Slurry, Slurry



单位:mm unit:mm

无电动 Non-electrically actuated

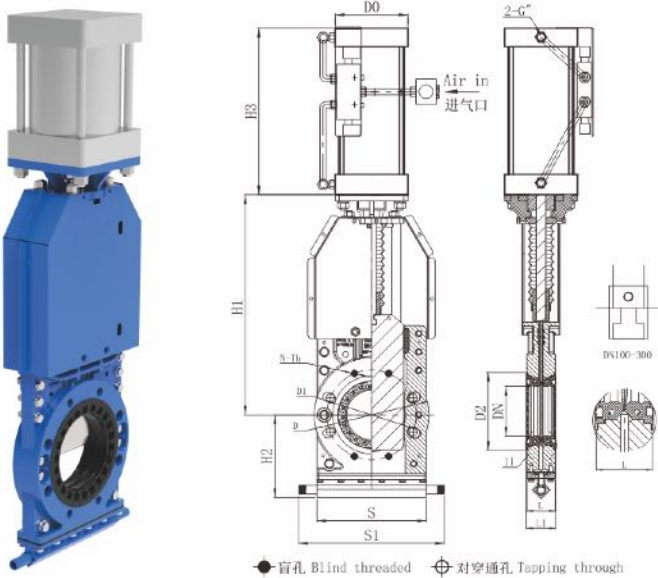
DN	L	L1	D	D1	D2	N-Th	S1	S2	H1	H2	板厚 Plate Thickness	密封压力 (MPa) Sealing Pressure (MPa)	重量 (kg) weight (kg)
50	53	55	165	125	99	4-M16	170	258		142			
65	53	55	185	145	118	4-M16							
80	57	59	200	160	132	8-M16	200	288		154			
100	57	59	220	180	156	8-M16	220	308	476	173	6	1.6	
125	62	64	250	210	184	8-M16	245	333		186	6		
150	61	63	285	240	211	8-M20	267	355		204	8	1.6	
200	75	77	340	295	266	8-M20	318	406	666	246	8		
250	75	77	395	350	319	12-M20	370	458		275	10	1.5	
300	82	85	445	400	370	12-M20	425	513	681	315	10	1.1	
350	82	85	505	460	429	16-M20	485	573	964	344	10	0.8	
400	93	94	565	515	480	16-M24	535	623	1058	384	12		
450	95	98	615	565	530	20-M24	595	683		407	12		
500	121	125	670	620	582	20-M24	645	733	1248	428	14	0.8	
600	125	129	780	725	682	20-M27	760	858		487			
700	140		895	840	794	24-M27							
800	140		1015	950	901	24-M30							



QWF系列 双向自密封刀闸阀
Series Bi-directional Self Sealing Knife Gate Valve

适用介质: 低压矿浆、浆液
Applicable Medium: Low-Pressure Ore Slurry, Slurry

尺寸图 Dimension



材质表 Material List

材质 Material	QWFZ673NM-10C	QWFZ673NM-10P	QWFZ673NM-10R
阀体材质 Valve Body Material	WCB	CF8	CF8M
闸板材质 Gate Material	SS304	SS304	SS316L
阀杆材质 Stem Material	2Cr13	SS304	SS304
支架材质 Yoke Material	Q235	SS304	SS304

单位:mm unit:mm

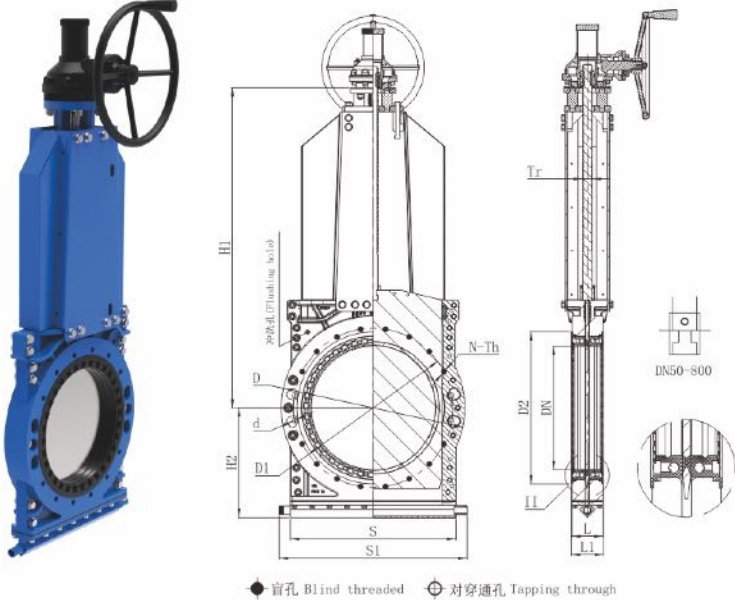
DN	L	L1	D	D1	D2	N-Th	S1	S2	H1	H2	H3	D0	板厚 Plate Thickness	密封压力(MPa) Sealing Pressure (MPa)	重量(kg) weight(kg)
50	53	55	165	125	99	4-M16	170	258		142					
65	53	55	185	145	118	4-M16									
80	57	59	200	160	132	8-M16	200	288		154					
100	57	59	220	180	156	8-M16	220	308		173			6	1.6	
125	62	64	250	210	184	8-M16	245	333		186			6		
150	61	63	285	240	211	8-M20	267	355	571	204	260	160	8	1.6	
200	75	77	340	295	266	8-M20	318	406		246			8		
250	75	77	395	350	319	12-M20	370	458		275			10	1.5	
300	82	85	445	400	370	12-M20	425	513		315			10	1.1	
350	82	85	505	460	429	16-M20	485	573	1000	344	572	320	10	0.8	
400	93	94	565	515	480	16-M24	535	623	1091	384	621	320	12		
450	95	98	615	565	530	20-M24	595	683		407			12		
500	121	125	670	620	582	20-M24	645	733		428			14	0.8	
600	125	129	780	725	682	20-M27	760	858		487					
700	140		895	840	794	24-M27									
800	140		1015	950	901	24-M30									



QWF系列 双向自密封刀闸阀
Series Bi-directional Self Sealing Knife Gate Valve

适用介质: 低压矿浆、浆液
Applicable Medium: Low-Pressure Ore Slurry, Slurry

尺寸图 Dimension



材质表 Material List

材质 Material	QWFZ573NM-10C	QWFZ573NM-10P	QWFZ573NM-10R
阀体材质 Valve Body Material	WCB	CF8	CF8M
闸板材质 Gate Material	SS304	SS304	SS316L
阀杆材质 Stem Material	2Cr13	SS304	SS304
支架材质 Yoke Material	Q235	SS304	SS304

单位:mm unit:mm

DN	L	L1	D	D1	D2	N-Th	S1	S2	H1	H2	板厚 Plate Thickness	密封压力(MPa) Sealing Pressure (MPa)	重量(kg) weight(kg)
50	53	55	165	125	99	4-M16	170	258		142			
65	53	55	185	145	118	4-M16							
80	57	59	200	160	132	8-M16	200	288		154			
100	57	59	220	180	156	8-M16	220	308	476	173	6	1.6	
125	62	64	250	210	184	8-M16	245	333		186	6		
150	61	63	285	240	211	8-M20	267	355		204	8	1.6	
200	75	77	340	295	266	8-M20	318	406	666	246	8		
250	75	77	395	350	319	12-M20	370	458		275	10	1.5	
300	82	85	445	400	370	12-M20	425	513	861	315	10	1.1	
350	82	85	505	460	429	16-M20	485	573	964	344	10	0.8	
400	93	94	565	515	480	16-M24	535	623	1058	384	12		
450	95	98	615	565	530	20-M24	595	683		407	12		
500	121	125	670	620	582	20-M24	645	733	1248	428	14	0.8	
600	125	129	780	725	682	20-M27	760	858		487			
700	140		895	840	794	24-M27							
800	140		1015	950	901	24-M30							

QWF系列

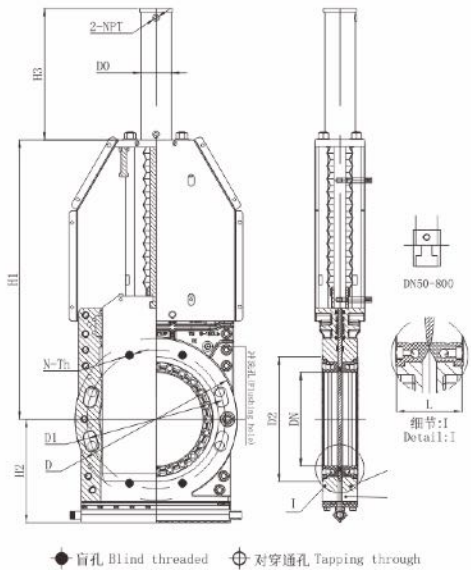
Series

双向自密封刀闸阀

Bi-directional Self Sealing Knife Gate Valve

适用介质: 低压矿浆、浆液
Applicable Medium: Low-Pressure Ore Slurry, Slurry

尺寸图 Dimension



材质表 Material List

材质 Material	QWFZ273NM-10C	QWFZ273NM-10P	QWFZ273NM-10R
阀体材质 Valve Body Material	WCB	CF8	CF8M
闸板材质 Gate Material	SS304	SS304	SS316L
阀杆材质 Stem Material	2Cr13	SS304	SS304
支架材质 Yoke Material	Q235	SS304	SS304

单位:mm unit:mm

DN	L	L1	D	D1	D2	N-Th	S1	S2	H1	H2	H3	D0	板厚 Plate Thickness	密封压力(MPa) Sealing Pressure (MPa)	重量(kg) weight (kg)
50	53	55	165	125	99	4-M16	170	258		142					
65	53	55	185	145	118	4-M16									
80	57	59	200	160	132	8-M16	200	288		154					
100	57	59	220	180	156	8-M16	220	308		173			6	1.6	
125	62	64	250	210	184	8-M16	245	333	468	186	190	50	6		
150	61	63	285	240	211	8-M20	267	355	514	204	220	50	8	1.6	
200	75	77	340	295	266	8-M20	318	406	595	246	280	50	8		
250	75	77	395	350	319	12-M20	370	458		275			10	1.5	
300	82	85	445	400	370	12-M20	425	513		315			10	1.1	
350	82	85	505	460	429	16-M20	485	573		344			10	0.8	
400	93	94	565	515	480	16-M24	535	623		384			12		
450	95	98	615	565	530	20-M24	595	683		407			12		
500	121	125	670	620	582	20-M24	645	733	1175	428	637	80	14	0.8	
600	125	129	780	725	682	20-M27	760	858	1416	487	785	100			
700	140		895	840	794	24-M27									
800	140		1015	950	901	24-M30									

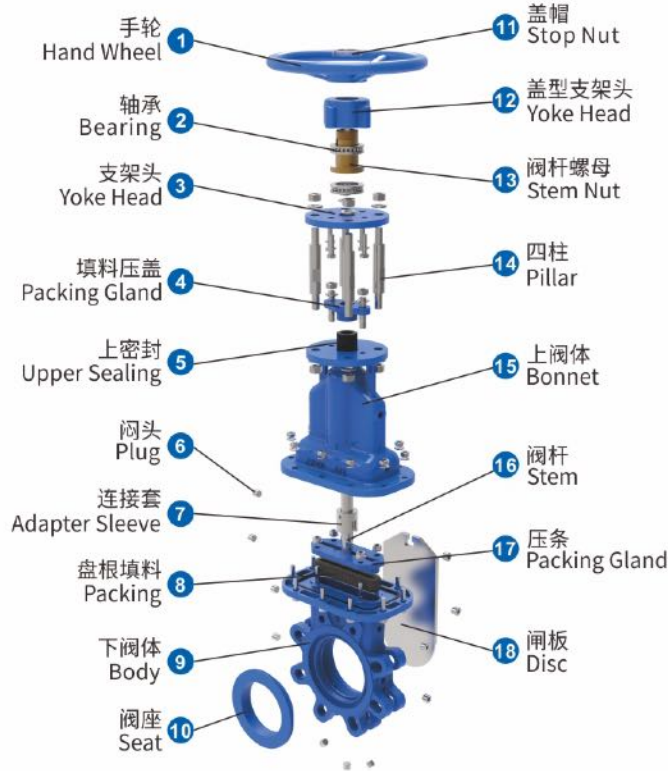
QVY系列

Series

单向带中填料全封闭中压刀闸阀

Unidirectional seal Knife Gate Valve

适用介质: 特殊带
Applicable Medium: Special Service Conditions



型号: QVYZ73X
工作压力: DN50-DN100 2.2Mpa DN800 0.6Mpa
DN125-DN250 1.8Mpa DN900-DN1000 0.4Mpa
DN300-DN400 1.6Mpa DN1200-DN1400 0.3Mpa
DN450-DN500 1.2Mpa DN1600-DN1800 0.25Mpa
DN600-DN700 1.0Mpa DN2000 0.2Mpa
连接形式: 对夹, 梅花, 法兰
设计标准: JB/T8691-2013
法兰标准: GB/T9113.1-2010
ASME B16.5 (2" _24")
ASME B16.47 (26" _60")
AS2129:TABLE D
AS2129:TABLE E
结构长度: GB/T15188.2-94 chart6-7
检验标准: GB/T13927-2008
开关形式: 手轮, 涡轮, 气动, 电装, 液动, 电液动, 链轮盘
阀体材质: F55,F53,2205,SS310,CF3M,CF3,CF8M,CF8,WCB,GGG40
闸板材质: F55,F53,2205,SS310,SS316L,SS316,SS304
密封材质: EPDM,FKM,NBR,PTFE
填料: 芳纶, 高水基, 四氟, 橡胶
适用介质: 特殊带

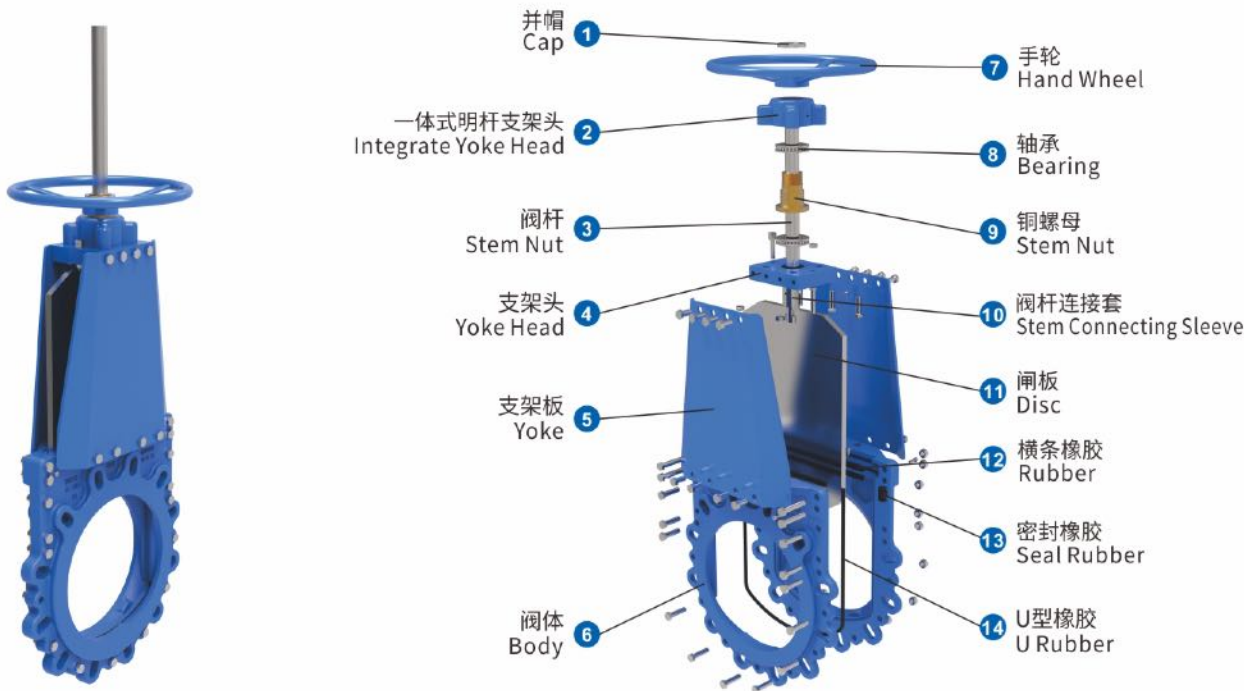
Model: QVYZ73X
Working Pressure: DN50-DN100 22bar DN800 6bar
DN125-DN250 18bar DN900-DN1000 4bar
DN300-DN400 16bar DN1200-DN1400 3bar
DN450-DN500 12bar DN1600-DN1800 2.5bar
DN600-DN700 10bar DN2000 2bar
Type: Wafer,Lug,Flange
Design Standard: MSS SP-81
Flange Standard: DIN PN10,PN16,150LB ,JIS 10K,TABLE E/D
Face to Face: MSS SP-81
Testing Standard: API-598
Operation: handwheel, electric, pneumatic, hydraulic, sprocket, electro-hydraulic, gear
Main material: F55,F53,2205,SS310,CF3M,CF3,CF8M,CF8,WCB, GGG40
Disc material: F55, F53,2205, SS310, SS316L,SS316, SS304
Sealing material: EPDM,FKM,NBR,PTFE
Packing: Aramid fiber, high-water based fiber, rubber, PTFE
Applicable medium: Special Service Conditions



QMB 系列

可更换式U型橡胶双向密封刀闸阀
Replaceable U-shaped rubber bidirectional sealing knife gate valve

适用介质:高磨损矿浆
Applicable Medium: High-Abrasion Ore Slurry



型号: QMBZ73X
工作压力: DN50-DN200 2.0Mpa
DN250-DN600 1.2Mpa
DN650-DN700 1.0Mpa
DN750-DN1000 0.6Mpa
DN1200-DN2000 0.4Mpa
连接形式: 对夹
设计标准: JB/T8691-2013
法兰标准: GB/T9113.1-2010
ASME B16.5 (2" _24")
ASME B16.47 (26" _60")
AS2129:TABLE D
AS2129:TABLE E
结构长度: GB/T15188.2-94 chart6-7
检验标准: GB/T13927-2008
开关形式: 手轮, 涡轮, 气动, 电装, 液动, 电液动, 链轮盘, 杠杆
阀体材质: F55, F53, 2205, CF3M, CF8M, CF8, WCB, GGG40
闸板材质: F55, F53, 2205, SS310, SS316L, SS316, SS304
密封材质: NBR, EPDM, FKM
填料: 芳纶, 高水基, 四氟, 橡胶
适用介质: 高磨损矿浆

Model: QMBZ73X
Working Pressure: DN50-DN200 20bar
DN250-DN600 12bar
DN650-DN700 10bar
DN750-DN1000 6bar
DN1200-DN2000 4bar
Type: Wafer
Design Standard: MSS SP-81
Flange Standard: DIN PN10,PN16,150LB ,JIS 10K, TABLE E/D
Face to Face: MSS SP-81
Testing Standard: API-598
Operation: handwheel, electric, pneumatic, hydraulic, sprocket, electro-hydraulic, gear, lever
Main material: F55, F53, 2205, CF3M, CF8M, CF8, WCB, GGG40
Disc material: F55, F53, 2205, SS310, SS316L, SS316, SS304
Sealing material: NBR, EPDM, FKM
Packing: Aramid fiber, high-water based fiber, rubber, PTFE
Applicable medium: High-Abrasion Ore Slurry



QCB 系列

重型双向密封穿透式刀闸阀
Bi-directional Through type Knife Gate Valve

适用介质:磷矿(带结晶矿)
Applicable Medium: Phosphate Ore (with Crystalline Minerals)

产品概述
Product Overview

奇胜 QCB 穿透式刀闸阀, 重型阀体结构, 全通径贯通式闸板, 双向双侧密封, 正反流向均可严密截断, 无介质滞留死角。
CHISUN QCB Penetrating Knife Gate Valve – heavy-duty body construction, full-bore through-going gate, bidirectional dual sealing, capable of tight shut-off in both flow directions, with no media stagnation dead zones.

核心优势
Core Advantages

双向零泄漏: 双独立阀座, 双向承压密封, 适配双向压差管路
全通径防堵: 全开直通通道, 纸浆、矿浆、污泥等高固介质不卡料、不自缠
重型耐用: 加厚阀体、加固闸板, 耐磨耐腐蚀, 可频繁启闭
多驱动可选: 手动、气动、电动、液动, 适配自动化管线
Bidirectional Zero Leakage: Dual independent seats, bidirectional pressure-bearing sealing, suitable for pipelines with differential pressure in both directions.
Full-Bore Anti-Clogging: Fully open straight-through flow path; handles high-solid media such as pulp, slurry, sludge, etc. without jamming or wrapping.
Heavy-Duty & Durable: Reinforced valve body, strengthened gate, wear-resistant and corrosion-resistant, suitable for frequent on-off operations.
Multiple Actuation Options: Manual, pneumatic, electric, hydraulic – adaptable to automated pipeline systems.

基础参数
Basic Parameters

通径: DN50-DN1200
压力: PN6/10/16
阀体: 可选碳钢、304/316L、2205 双相钢
温度: -20°C~200°C
软 / 硬密封按需选配
Size range: DN50 – DN1200
Pressure ratings: PN6 / PN10 / PN16
Body materials: Carbon steel, 304/316L stainless steel, 2205 duplex steel
Temperature range: -20°C to 200°C
Soft or metal sealing available as per application requirements.

适用场景
Application Scenarios

造纸、矿山、污水处理、电厂脱硫、化工泥浆、水泥粉料输送管路切断。
Paper making, mining, wastewater treatment, power plant desulfurization, chemical slurry, cement powder conveying pipeline shut-off

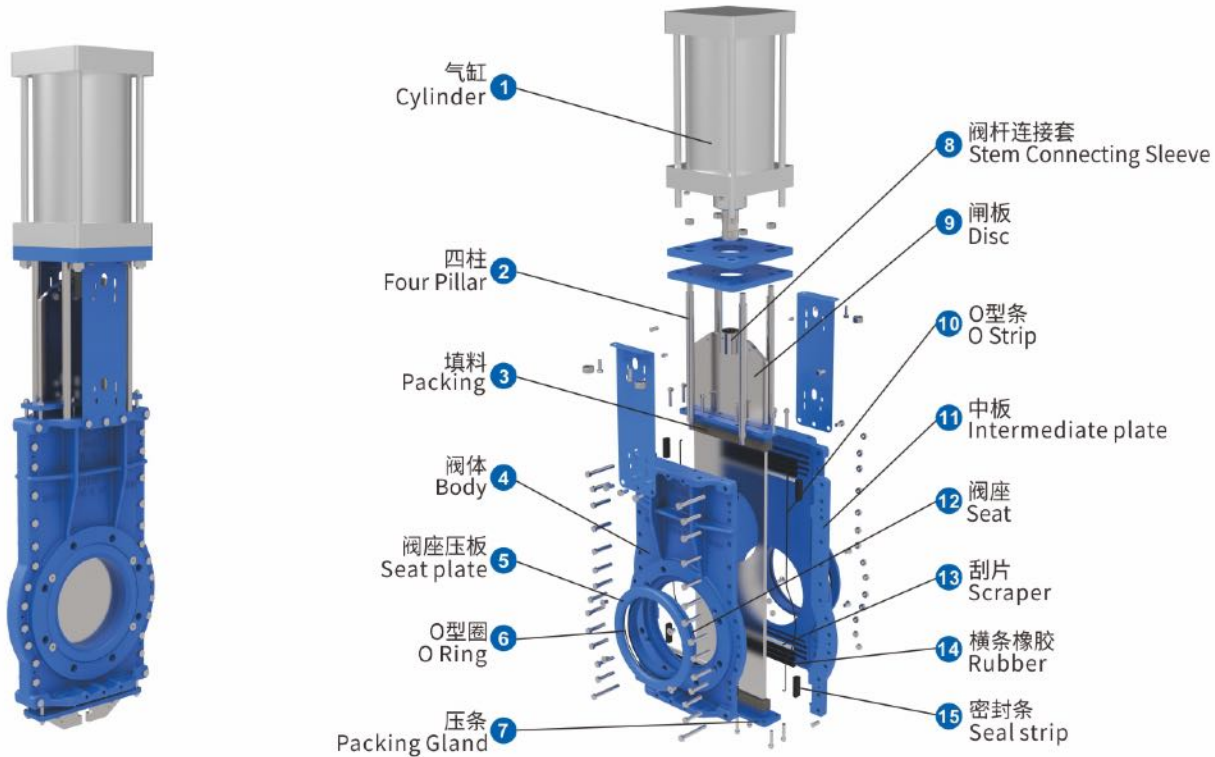
业绩表
Performance Table

序号 No.	日期 Date	客户名称 Customer Name	产品型号 Product Model	地址 Address
1	2021	宜都兴发化工有限公司 Hubei Xingfa Chemicals Group Co.,Ltd.	QCBZ973X-10NR	湖北省宜都市 Hubei Yidu City
2	2024	宜都兴发化工有限公司 Hubei Xingfa Chemicals Group Co.,Ltd.	QCBZ973W-10NR	湖北省宜都市 Hubei Yidu City
3	2024	宜都兴发化工有限公司 Hubei Xingfa Chemicals Group Co.,Ltd.	QCBZ973W-16NR-DN200	湖北省宜都市 Hubei Yidu City



QCB 系列 重型双向密封穿透式刀闸阀
Series Bi-directional Through type Knife Gate Valve

适用介质:磷矿(带结晶矿)
Applicable Medium: Phosphate Ore (with Crystalline Minerals)



型号: QCBZ673X
工作压力: DN50-DN100 1.8Mpa
DN125-DN200 1.6Mpa
DN250-DN400 1.2Mpa
连接形式: 法兰
设计标准: JB/T8691-2013
法兰标准: GB/T9113.1-2010
ASME B16.5 (2"~24")
ASME B16.47 (26"~60")
AS2129:TABLE D
AS2129:TABLE E
结构长度: GB/T15188.2-94 chart6-7
检验标准: GB/T13927-2008
开关形式: 手轮, 气动, 电装, 电液动, 链轮盘, 杠杆
阀体材质: F55, F53, 2205, CF3M, CF8M, CF8, WCB
闸板材质: F55, F53, 2205, SS310, SS316L, SS316, Ss304
密封材质: NBR, EPDM, PTFE, FKM, 石墨, 金属密封
填料: 芳纶, 高水机, 四氟, 橡胶, 石墨
适用介质: 磷矿(带结晶矿)

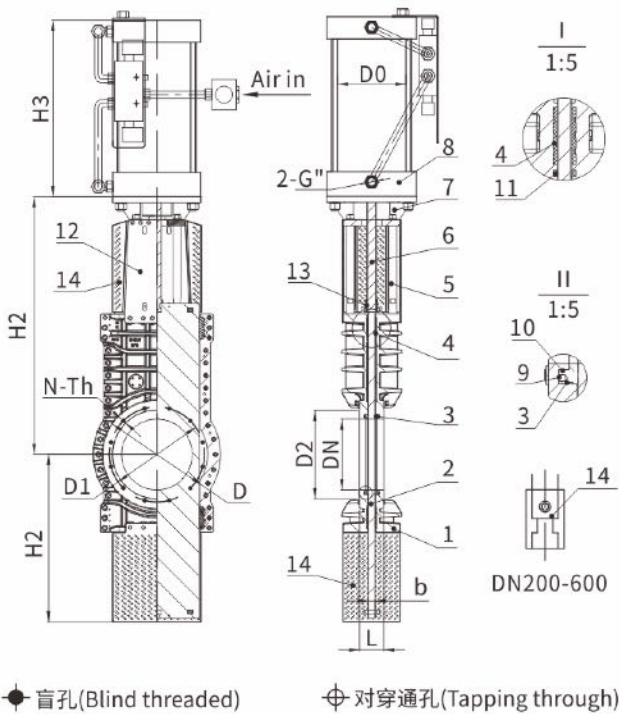
Model: QCBZ673X
Working Pressure: DN50-DN100 18bar
DN125-DN200 16bar
DN250-DN400 12bar
Type: Flange
Design Standard: MSS SP-81
Flange Standard: DIN PN10, PN16, 150LB, JIS 10K, TABLE E/D
Face to Face: MSS SP-81
Testing Standard: API-598
Operation: handwheel, electric, pneumatic, hydraulic, sprocket, electro-hydraulic, gear box, lever
Main material: F55, F53, 2205, CF3M, CF8M, CF8, WCB
Disc material: F55, F53, 2205, SS310, SS316L, SS316, Ss304
Sealing material: NBR, EPDM, PTFE, FKM, Graphite, Metal
Packing: Aramid fiber, high-water based fiber, rubber, PTFE, graphite
Applicable medium: Phosphate rock (with crystalline minerals)



QCB 系列 重型双向密封穿透式刀闸阀
Series Bi-directional Through type Knife Gate Valve

适用介质:磷矿(带结晶矿)
Applicable Medium: Phosphate Ore (with Crystalline Minerals)

尺寸表
Size Chart



序号 No.	配件名称 Spare Parts	材质 Material
1	阀体 Body	CF8M
2	闸板 Disc	SS316L
3	阀座 Valve seat	CF8M
4	上密封 Back seat	PTFE+EPDM
5	立柱 Upright column	PTFE+EPDM
6	活塞杆 Piston Rod	45#
7	支架头 Yoke Head	SS304
8	气缸 Cylinder	组合件 Assembly
9	弹簧 Spring	SS304
10	O型圈 O-ring	FKM
11	刮片 Scraping film	PTFE
12	支架板 Yoke	SS304
13	连接套 Connecting sleeve	SS304
14	防尘罩 Dust Cover	SS304
15	标准件 Bolts/Nuts	A2-70

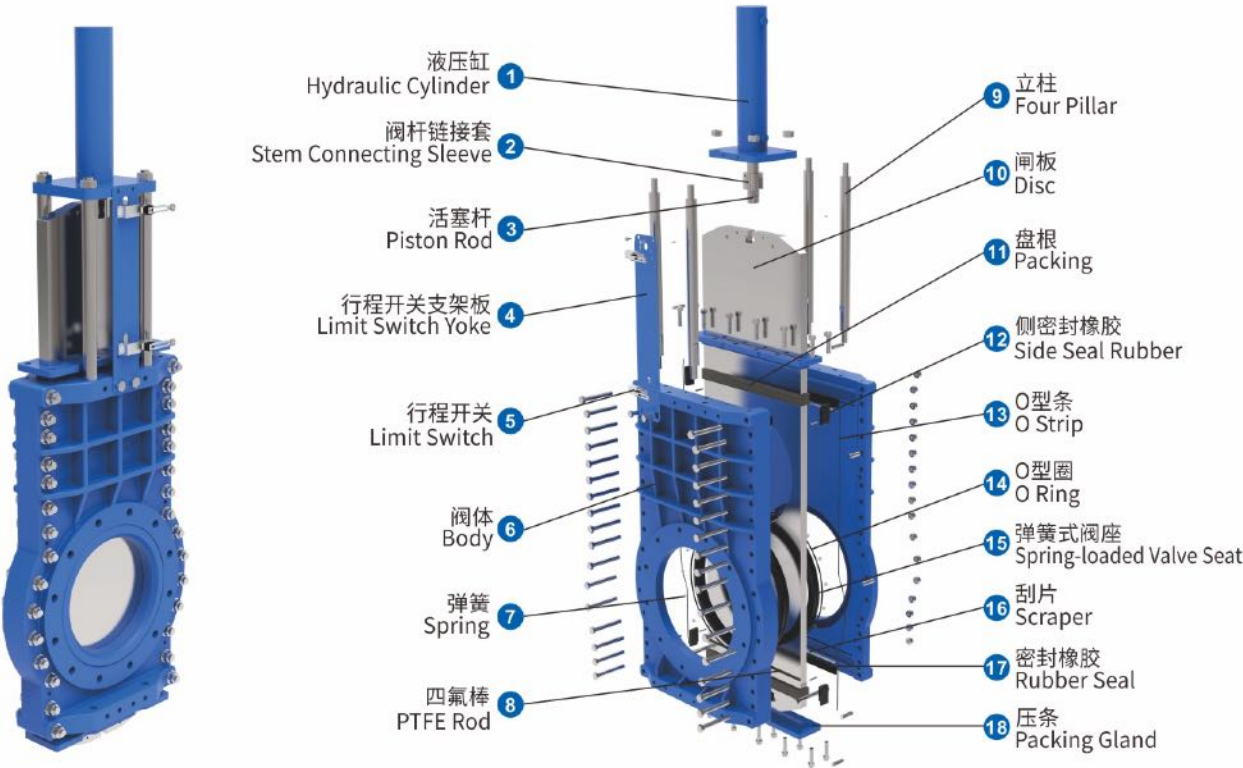
单位:mm Unit: mm

DN	L	b	D	D1	D2	N-Th	d	盲孔(Blind threaded)	对穿通孔(Tapping through)	H1	H2	H3
2"(DN50)			165	125	99	4-M16	18	4	0			
2-1/2"(DN65)			185	145	118	8-M16	18	8	0			
3"(DN80)			200	160	132	8-M16	18	8	0			
4"(DN100)	70	12	220	180	156	8-M16	18	8	0		357	
5"(DN125)			250	210	184	8-M16	18	8	0			
6"(DN150)			285	240	211	8-M20	23	8	0			
8"(DN200)	100	25	340	295	266	8-M20	23	8	0		306	
10"(DN250)	110	28	395	350	319	12-M20	23	12	0		350	
12"(DN300)			445	400	370	12-M20	23	12	0			
14"(DN350)	120	35	505	460	429	16-M20	23	16	0		435	
16"(DN400)			565	515	480	16-M24	27	16	0			



QCB 系列 重型双向密封穿透式刀闸阀

适用介质:磷矿(带结晶矿)
Applicable Medium: Phosphate Ore (with Crystalline Minerals)



型号: QCBZ743X
工作压力: DN50-DN100 1.8Mpa
DN125-DN200 1.6Mpa
DN250-DN400 1.2Mpa
连接形式: 法兰
设计标准: JB/T8691-2013
法兰标准: GB/T9113.1-2010
ASME B16.5 (2"~24")
ASME B16.47 (26"~60")
AS2129:TABLE D
AS2129:TABLE E
结构长度: GB/T15188.2-94 chart6-7
检验标准: GB/T13927-2008
开关形式: 手轮, 气动, 电装, 液动, 电液动, 链轮盘, 杠杆
阀体材质: F55, F53, 2205, CF3M, CF8M, CF8, WCB
闸板材质: F55, F53, 2205, SS310, SS316L, SS316, SS304
密封材质: NBR, EPDM, PTFE, FKM, 石墨, 金属密封
填料: 芳纶, 高水机, 四氟, 橡胶, 石墨
适用介质: 磷矿(带结晶矿)

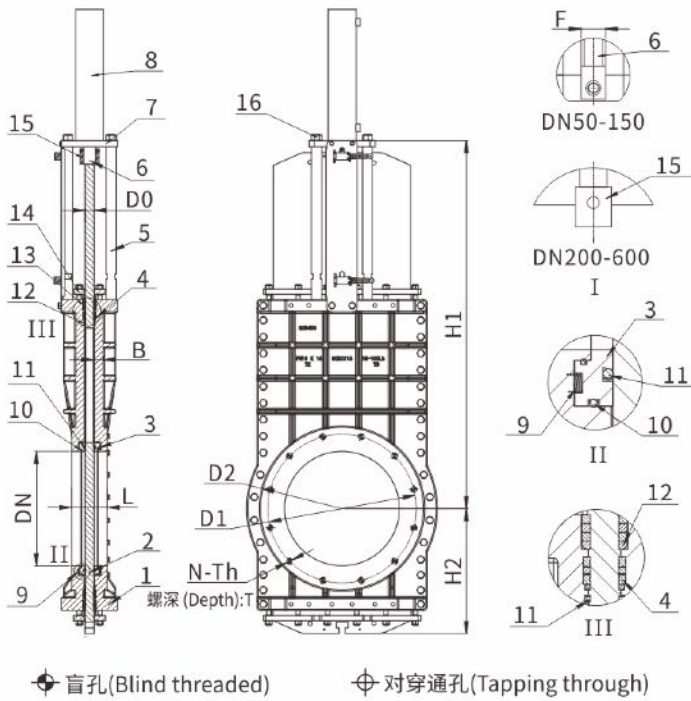
Model: QCBZ743X
Working Pressure: DN50-DN100 18bar
DN125-DN200 16bar
DN250-DN400 12bar
Type: Flange
Design Standard: MSS SP-81
Flange Standard: DIN PN10, PN16, 150LB, JIS 10K, TABLE E/D
Face to Face: MSS SP-81
Testing Standard: API-598
Operation: handwheel, electric, pneumatic, hydraulic, sprocket, electro-hydraulic, gear box, lever
Main material: F55, F53, 2205, CF3M, CF8M, CF8, WCB
Disc material: F55, F53, 2205, SS310, SS316L, SS316, SS304
Sealing material: NBR, EPDM, PTFE, FKM, Graphite, Metal
Packing: Aramid fiber, high-water based fiber, rubber, PTFE, graphite
Applicable medium: Phosphate rock (with crystalline minerals)



QCB 系列 重型双向密封穿透式刀闸阀

适用介质:磷矿(带结晶矿)
Applicable Medium: Phosphate Ore (with Crystalline Minerals)

尺寸表
Size Chart



序号 No.	配件名称 Spare Parts	材质 Material
1	阀体 Body	SS316L
2	闸板 Disc	SS316L+STL
3	阀座 Seat	SS316L+STL
4	上密封 Back seat	FKM+PTFE
5	立柱 Upright column	SS304
6	活塞杆 Piston Rod	45#+Cr
7	支架头 Yoke Head	Q235
8	液压缸 Hydraulic Cylinder	组合件 Assembly
9	弹簧 Spring	SS304
10	O型圈 O-Ring	FKM
11	阀座密封 Seat Seal	FKM+PTFE
12	刮片 Scraper	PTFE
13	填料 Packing	PTFE
14	压条 Packing Gland	SS304
15	阀杆链接套 Stem Connector	SS304
16	标准件 Bolts/Nuts	A2-70

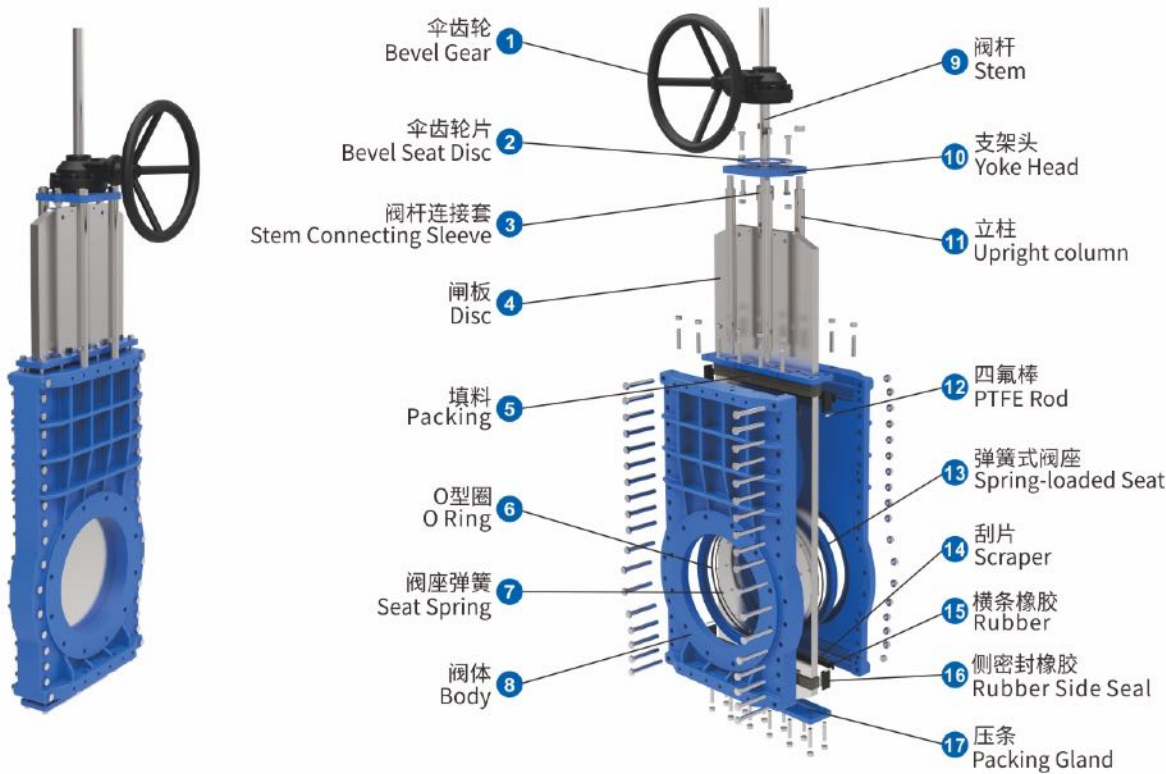
单位:mm Unit:mm

DN	L	D	D1	D2	D0	N-Th	T	盲孔(Blind threaded)	对穿孔孔(Tapping through)	d	H1	H2
2"(DN50)	60	165	125	99	10	4-M16	12	4	0	Φ18	300	148
2-1/2"(DN65)	60	185	145	118	12	4-M16	12	4	0	Φ18	328	160
3"(DN80)	70	200	160	132	14	8-M16	12	8	0	Φ18	356	175
3-1/2"(DN90)	70	210	170	142	16	8-M16	12	8	0	Φ18	388	190
4"(DN100)	70	220	180	156	16	8-M16	12	8	0	Φ18	419	201
5"(DN125)	75	250	210	184	18	8-M16	12	8	0	Φ18	457	208
6"(DN150)	90	285	240	211	20	8-M20	14	8	0	Φ23	588	272
7"(DN175)	90	305	265	237	20	12-M20	14	12	0	Φ23	660	280
8"(DN200)	100	340	295	266	25	12-M20	16	12	0	Φ23	751	278
9"(DN225)	100	350	310	282	25	12-M20	16	12	0	Φ23	795	295
10"(DN250)	110	405	355	319	28	12-M24	16	12	0	Φ27	846	313
12"(DN300)	110	460	410	370	35	12-M24	16	12	0	Φ27	1017	400
14"(DN350)	120	520	470	429	35	16-M24	18	16	0	Φ27	1147	402
16"(DN400)	140	580	525	480	35	16-M27	20	16	0	Φ30	1270	485
18"(DN450)	140	640	585	548	45	20-M27	20	20	0	Φ30	1416	485
24"(DN600)	140	840	770	720	50	20-M33	27	20	0	Φ36		



QCB 系列 重型双向密封穿透式刀闸阀
Series Bi-directional Through type Knife Gate Valve

适用介质:磷矿(带结晶矿)
Applicable Medium: Phosphate Ore (with Crystalline Minerals)



型号: QCBZ543X
工作压力: DN50-DN100 1.8Mpa
DN125-DN200 1.6Mpa
DN250-DN400 1.2Mpa
连接形式: 法兰
设计标准: JB/T8691-2013
法兰标准: GB/T9113.1-2010
ASME B16.5 (2"~24")
ASME B16.47 (26"~60")
AS2129:TABLE D
AS2129:TABLE E
结构长度: GB/T15188.2-94 chart6-7
检验标准: GB/T13927-2008
开关形式: 手轮, 涡轮, 气动, 电装, 液动, 电液动, 链轮盘, 杠杆
阀体材质: F55, F53, 2205, CF3M, CF8M, CF8, WCB
闸板材质: F55, F53, 2205, SS310, SS316L, SS316, Ss304
密封材质: NBR, EPDM, PTFE, FKM, 石墨, 金属密封
填料: 芳纶, 高水机, 四氟, 橡胶, 石墨
适用介质: 磷矿(带结晶矿)

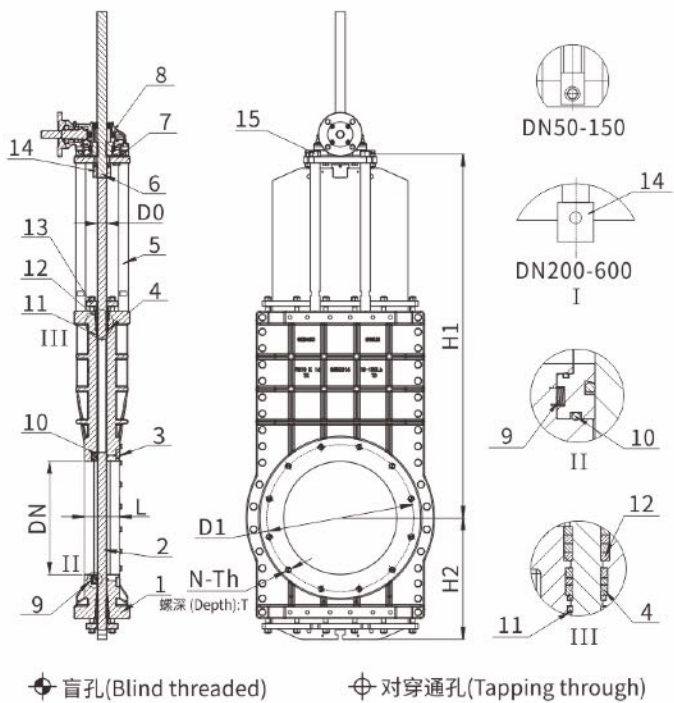
Model: QCBZ543X
Working Pressure: DN50-DN100 18bar
DN125-DN200 16bar
DN250-DN400 12bar
Type: Flange
Design Standard: MSS SP-81
Flange Standard: DIN PN10, PN16, 150LB, JIS 10K, TABLE E/D
Face to Face: MSS SP-81
Testing Standard: API-598
Operation: handwheel, electric, pneumatic, hydraulic, sprocket, electro-hydraulic, gear box, lever
Main material: F55, F53, 2205, CF3M, CF8M, CF8, WCB
Disc material: F55, F53, 2205, SS310, SS316L, SS316, Ss304
Sealing material: NBR, EPDM, PTFE, FKM, Graphite, Metal
Packing: Aramid fiber, high-water based fiber, rubber, PTFE, graphite
Applicable medium: Phosphate rock (with crystalline minerals)



QCB 系列 重型双向密封穿透式刀闸阀
Series Bi-directional Through type Knife Gate Valve

适用介质:磷矿(带结晶矿)
Applicable Medium: Phosphate Ore (with Crystalline Minerals)

尺寸表
Size Chart



序号 No.	配件名称 Spare Parts	材质 Material
1	阀体 Body	SS316L
2	闸板 Disc	SS316L
3	阀座 Seat	SS316L
4	上密封 Back seat	FKM+PTFE
5	立柱 Upright column	SS304
6	阀杆 Stem	SS304
7	支架头 Yoke Head	Q235
8	伞齿轮 Bevel Gear	组合件 Assembly
9	弹簧 Spring	SS304
10	O型圈 O-Ring	FKM
11	刮片 Scraper	PTFE
12	填料 Packing	PTFE
13	压条 Packing Gland	SS304
14	阀杆链接套 Stem Connector	SS304
15	标准件 Bolts/Nuts	A2-70

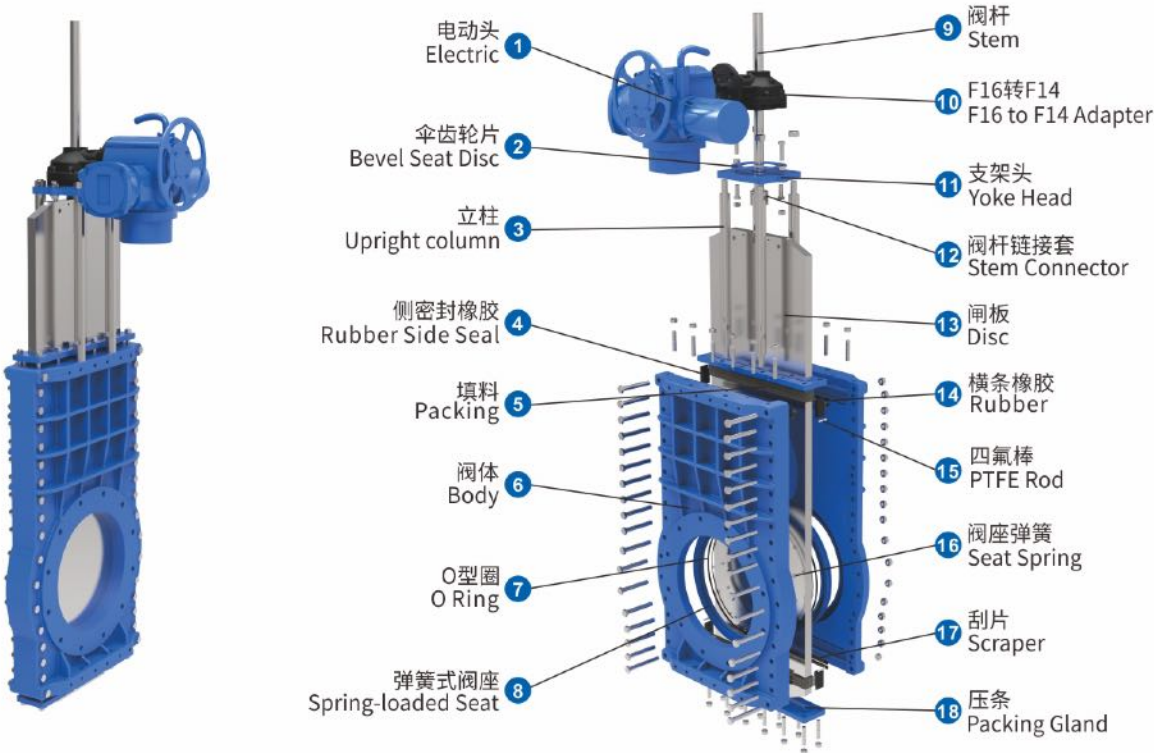
单位:mm Unit:mm

DN	L	D	D1	D2	D0	N-Th	T	盲孔(Blind threaded)	对穿通孔(Tapping through)	d	H1	H2
2"(DN50)	60	165	125	99	10	4-M16	12	4	0	Φ18	300	148
2-1/2"(DN65)	60	185	145	118	12	4-M16	12	4	0	Φ18	328	160
3"(DN80)	70	200	160	132	14	8-M16	12	8	0	Φ18	356	175
3-1/2"(DN90)	70	210	170	142	16	8-M16	12	8	0	Φ18	388	190
4"(DN100)	70	220	180	156	16	8-M16	12	8	0	Φ18	419	201
5"(DN125)	75	250	210	184	18	8-M16	12	8	0	Φ18	457	208
6"(DN150)	90	285	240	211	20	8-M20	14	8	0	Φ23	588	272
7"(DN175)	90	305	265	237	20	12-M20	14	12	0	Φ23	660	280
8"(DN200)	100	340	295	266	25	8-M20	16	8	0	Φ23	751	278
9"(DN225)	100	350	310	282	25	12-M20	16	12	0	Φ23	795	295
10"(DN250)	110	395	350	319	25	12-M20	16	12	0	Φ23	846	313
12"(DN300)	110	445	400	370	30	12-M20	16	12	0	Φ23	1017	400
14"(DN350)	120	505	460	429	35	16-M20	18	16	0	Φ23	1147	402
16"(DN400)	140	565	515	480	35	16-M24	20	16	0	Φ27	1270	485



QCB 系列 重型双向密封穿透式刀闸阀
Series Bi-directional Through type Knife Gate Valve

适用介质:磷矿(带结晶矿)
Applicable Medium: Phosphate Ore (with Crystalline Minerals)



型号: QCBZ543X
工作压力: DN50-DN100 1.8Mpa
DN125-DN200 1.6Mpa
DN250-DN400 1.2Mpa
连接形式: 法兰
设计标准: JB/T8691-2013
法兰标准: GB/T9113.1-2010
ASME B16.5 (2"~24")
ASME B16.47 (26"~60")
AS2129:TABLE D
AS2129:TABLE E
结构长度: GB/T15188.2-94 chart6-7
检验标准: GB/T13927-2008
开关形式: 手轮, 气动, 电装, 液动, 电液动, 链轮盘, 杠杆
阀体材质: F55, F53, 2205, CF3M, CF8M, CF8, WCB
闸板材质: F55, F53, 2205, SS310, SS316L, SS316, Ss304
密封材质: NBR, EPDM, PTFE, FKM, 石墨, 金属密封
填料: 芳纶, 高水机, 四氟, 橡胶, 石墨
适用介质: 磷矿(带结晶矿)

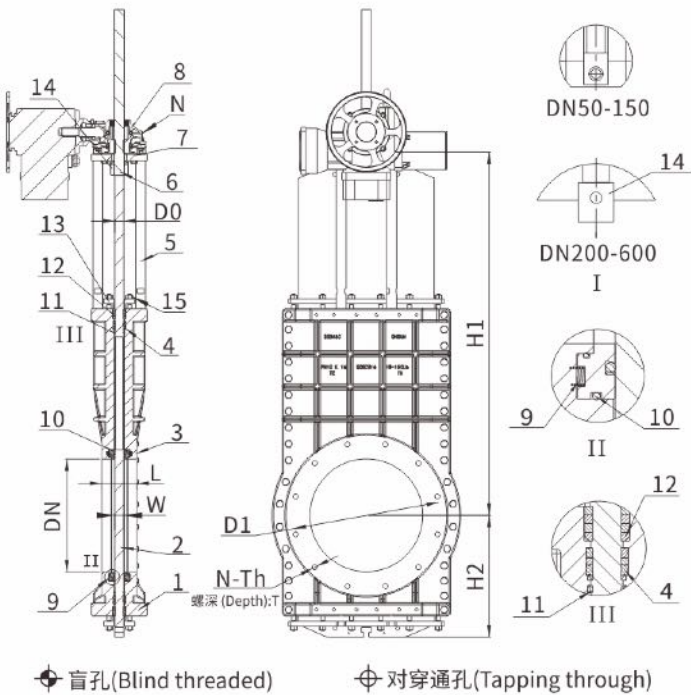
Model: QCBZ543X
Working Pressure: DN50-DN100 18bar
DN125-DN200 16bar
DN250-DN400 12bar
Type: Flange
Design Standard: MSS SP-81
Flange Standard: DIN PN10, PN16, 150LB, JIS 10K, TABLE E/D
Face to Face: MSS SP-81
Testing Standard: API-598
Operation: handwheel, electric, pneumatic, hydraulic, sprocket, electro-hydraulic, gear box, lever
Main material: F55, F53, 2205, CF3M, CF8M, CF8, WCB
Disc material: F55, F53, 2205, SS310, SS316L, SS316, Ss304
Sealing material: NBR, EPDM, PTFE, FKM, Graphite, Metal
Packing: Aramid fiber, high-water based fiber, rubber, PTFE, graphite
Applicable medium: Phosphate rock (with crystalline minerals)



QCB 系列 重型双向密封穿透式刀闸阀
Series Bi-directional Through type Knife Gate Valve

适用介质:磷矿(带结晶矿)
Applicable Medium: Phosphate Ore (with Crystalline Minerals)

尺寸表
Size Chart



序号 No.	配件名称 Spare Parts	材质 Material
1	阀体 Body	SS316L
2	闸板 Disc	SS316L
3	阀座 Seat	SS316L
4	上密封 Back seat	FKM+PTFE
5	立柱 Upright column	SS304
6	阀杆 Stem	SS304
7	支架头 Yoke Head	Q235
8	伞齿轮 Bevel Gear	组合件 Assembly
9	弹簧 Spring	SS304
10	O型圈 O-Ring	FKM
11	刮片 Scraper	PTFE
12	填料 Packing	PTFE
13	压条 Packing Gland	SS304
14	阀杆链接套 Stem Connector	SS304
15	标准件 Bolts/Nuts	A2-70

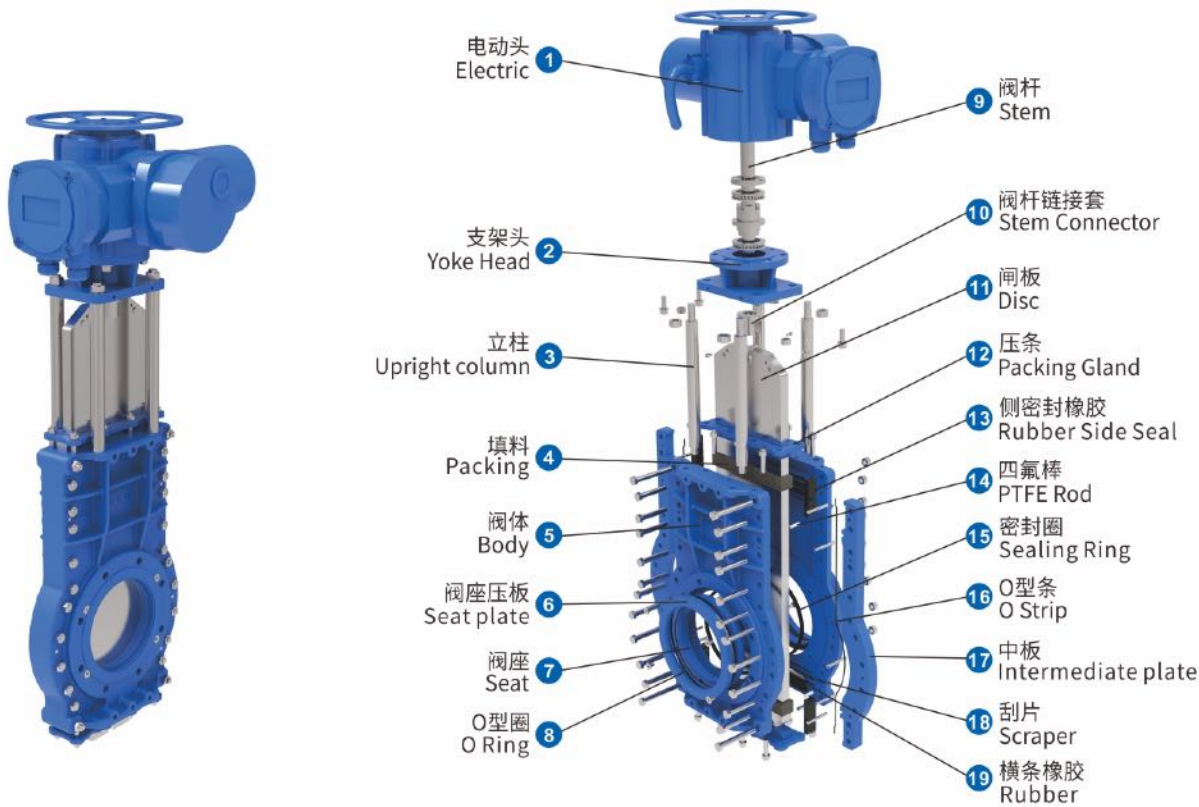
单位:mm Unit:mm

DN	L	D	D1	D2	D0	N-Th	T	盲孔(Blind threaded)	对穿通孔(Tapping through)	d	H1	H2	W	N
2"(DN50)	60	165	125	99	10	4-M16	12	4	0	Φ18	300	148		
2-1/2"(DN65)	60	185	145	118	12	4-M16	12	4	0	Φ18	328	160		
3"(DN80)	70	200	160	132	14	8-M16	12	8	0	Φ18	356	175		
3-1/2"(DN90)	70	210	170	142	16	8-M16	12	8	0	Φ18	388	190		
4"(DN100)	70	220	180	156	16	8-M16	12	8	0	Φ18	419	201	8	F10
5"(DN125)	75	250	210	184	18	8-M16	12	8	0	Φ18	457	208		
6"(DN150)	90	285	240	211	20	8-M20	14	8	0	Φ23	588	272	20	14
7"(DN175)	90	305	265	237	20	12-M20	14	12	0	Φ23	660	280		
8"(DN200)	100	340	295	266	25	12-M20	16	12	0	Φ23	751	278	25	14
9"(DN225)	100	350	310	282	25	12-M20	16	12	0	Φ23	795	295		
10"(DN250)	110	405	355	319	25	12-M24	16	12	0	Φ27	846	313	30	F14
12"(DN300)	110	460	410	370	30	12-M24	16	12	0	Φ27	1017	400	35	F14
14"(DN350)	120	520	470	429	35	16-M24	18	16	0	Φ27	1147	402	35	F14
16"(DN400)	140	580	525	480	35	16-M27	20	16	0	Φ30	1270	485	35	F16
18"(DN450)	140	640	585	548	35	20-M27	20	20	0	Φ30	1416	485	35	F16



QCB 系列 重型双向密封穿透式刀闸阀
Series Bi-directional Through type Knife Gate Valve

适用介质:磷矿(带结晶矿)
Applicable Medium: Phosphate Ore (with Crystalline Minerals)



型号: QCBZ943X
工作压力: DN50-DN100 1.8Mpa
DN125-DN200 1.6Mpa
DN250-DN400 1.2Mpa
连接形式: 法兰
设计标准: JB/T8691-2013
法兰标准: GB/T9113.1-2010
ASME B16.5 (2"~24")
ASME B16.47 (26"~60")
AS2129:TABLE D
AS2129:TABLE E
结构长度: GB/T15188.2-94 chart6-7
检验标准: GB/T13927-2008
开关形式: 手轮, 蜗轮, 气动, 电装, 液动, 电液动, 链轮盘, 杠杆
阀体材质: F55, F53, 2205, CF3M, CF8M, CF8, WCB
闸板材质: F55, F53, 2205, SS310, SS316L, SS316, Ss304
密封材质: NBR, EPDM, PTFE, FKM, 石墨, 金属密封
填料: 芳纶, 高水机, 四氟, 橡胶, 石墨
适用介质: 磷矿(带结晶矿)

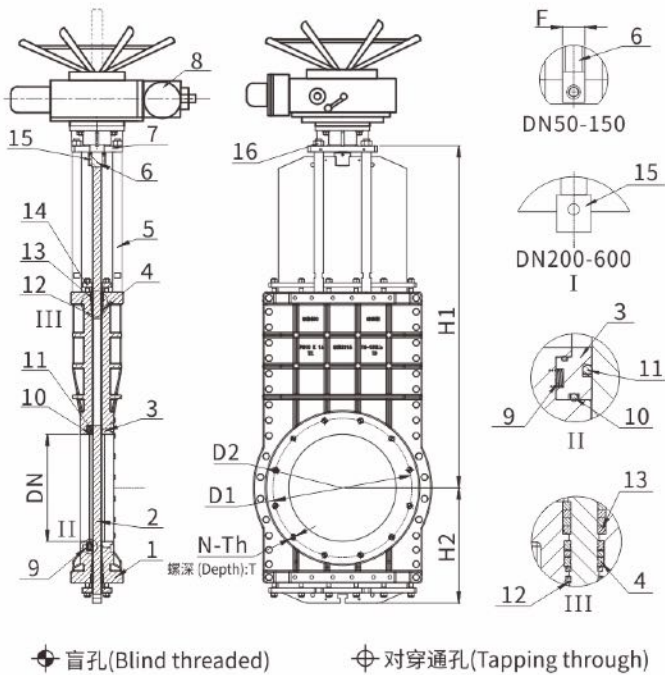
Model: QCBZ943X
Working Pressure: DN50-DN100 18bar
DN125-DN200 16bar
DN250-DN400 12bar
Type: Flange
Design Standard: MSS SP-81
Flange Standard: DIN PN10, PN16, 150LB, JIS 10K, TABLE E/D
Face to Face: MSS SP-81
Testing Standard: API-598
Operation: handwheel, electric, pneumatic, hydraulic, sprocket, electro-hydraulic, gear box, lever
Main material: F55, F53, 2205, CF3M, CF8M, CF8, WCB
Disc material: F55, F53, 2205, SS310, SS316L, SS316, Ss304
Sealing material: NBR, EPDM, PTFE, FKM, Graphite, Metal
Packing: Aramid fiber, high-water based fiber, rubber, PTFE, graphite
Applicable medium: Phosphate rock (with crystalline minerals)



QCB 系列 重型双向密封穿透式刀闸阀
Series Bi-directional Through type Knife Gate Valve

适用介质:磷矿(带结晶矿)
Applicable Medium: Phosphate Ore (with Crystalline Minerals)

尺寸表
Size Chart



序号 No.	配件名称 Spare Parts	材质 Material
1	阀体 Body	SS316L
2	闸板 Disc	SS316L
3	阀座 Seat	SS316L
4	上密封 Back seat	FKM+PTFE
5	立柱 Upright column	SS304
6	阀杆 Stem	SS304
7	支架头 Yoke Head	Q235
8	电动头 Electric	组合件 Assembly
9	弹簧 Spring	SS304
10	O型圈 O-Ring	FKM
11	阀座密封 Seat Seal	FKM+PTFE
12	刮片 Scraper	PTFE
13	填料 Packing	PTFE
14	压条 Packing Gland	SS304
15	阀杆链接套 Stem Connector	Q235
16	标准件 Bolts/Nuts	A2-70

单位:mm Unit:mm

DN	L	D	D1	D2	N-Th	T	盲孔(Blind threaded)	对穿通孔(Tapping through)	d	H1	H2
2"(DN50)	60	165	125	99	4-M16	12	4	0	Φ18	380	148
2-1/2"(DN65)	60	185	145	118	4-M16	12	4	0	Φ18	410	160
3"(DN80)	70	200	160	132	8-M16	12	8	0	Φ18	442	175
3-1/2"(DN90)	70	210	170	142	8-M16	12	8	0	Φ19	480	190
4"(DN100)	70	220	180	156	8-M16	12	8	0	Φ18	518	201
5"(DN125)	75	250	210	184	8-M16	12	8	0	Φ18	564	208
6"(DN150)	90	285	240	211	8-M20	14	8	0	Φ23	688	272
7"(DN175)	90	305	265	237	12-M20	14	12	0	Φ23	750	280
8"(DN200)	100	340	295	266	12-M20	16	12	0	Φ23	835	278
9"(DN225)	100	350	310	282	12-M20	16	12	0	Φ23	885	295
10"(DN250)	110	405	355	319	12-M24	16	12	0	Φ27	936	313
12"(DN300)	110	460	410	370	12-M24	16	12	0	Φ27	1107	400
14"(DN350)	120	520	470	429	16-M24	18	16	0	Φ27	1235	402
16"(DN400)	140	580	525	480	16-M27	20	16	0	Φ30	1380	485