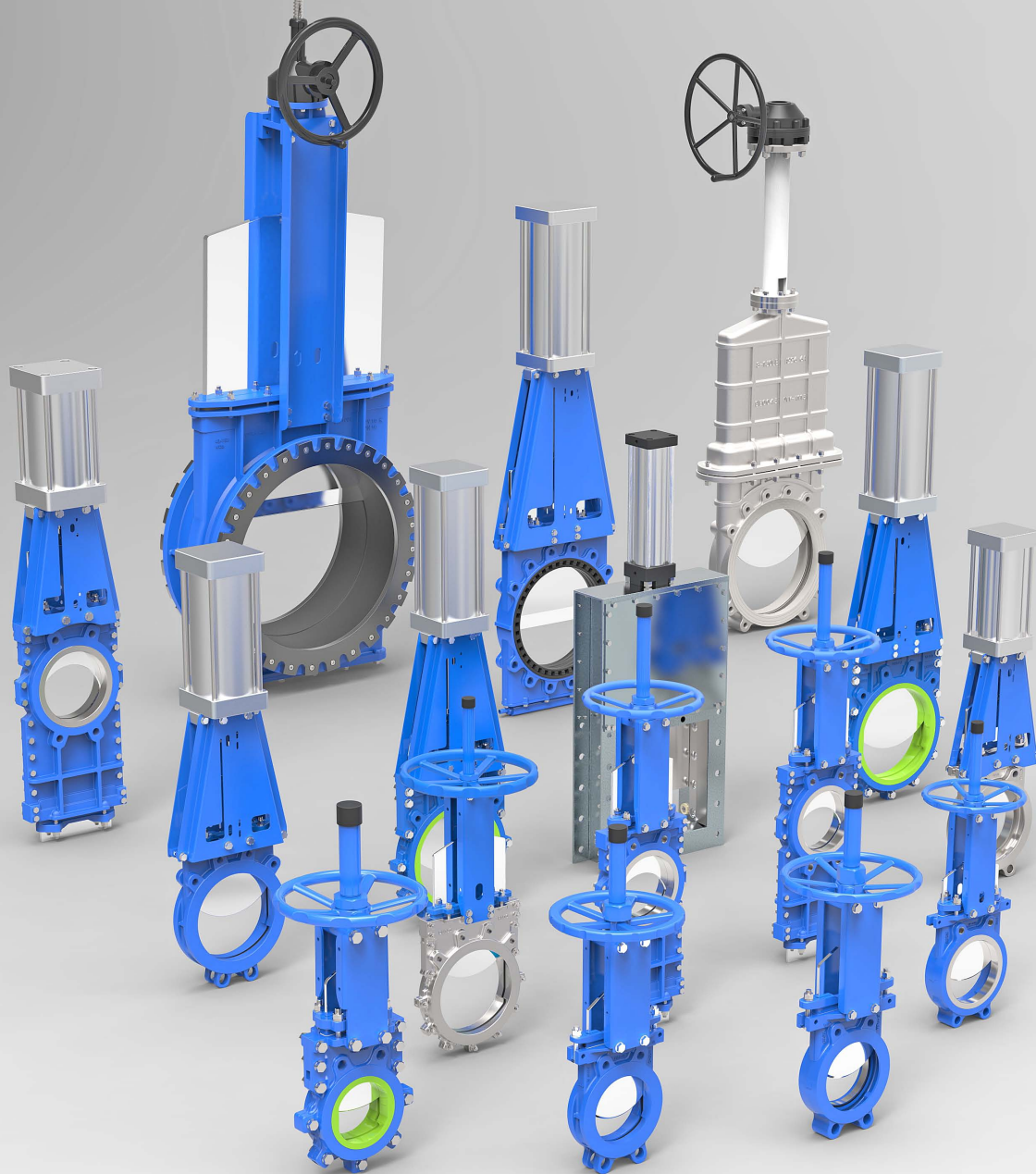
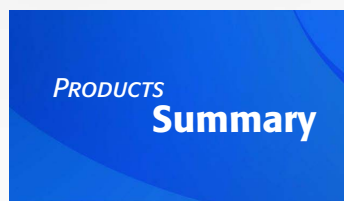




CHSUN Valve

KNIFE GATE VALVE EXPERT

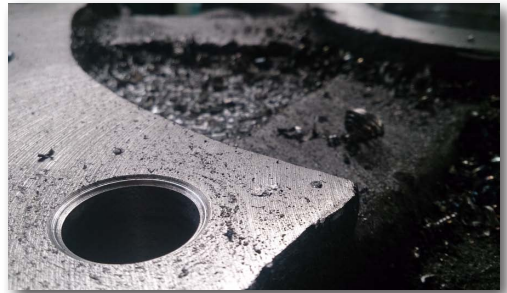




Company



CHISUN is specialized in knife gate valve, etc. over 14 series and 2800 specifications and types. They are widely used in automation control system of paper making, chemical fiber, petrochemical, foodstuff, metallurgy, electric power, petrochemical, sewage treatment and etc. Non-friction metal seal knife gate valve which are identified as the international advanced level, and obtain twenty national patents, new national key product and national torch project has exceeded the leakage standard of American MSS-SP 81 in pressure testing. Now, have been widely used in large paper-making industry both at home and abroad and exported to USA, Australia, Indonesia, Spain, Italy and etc. Products are executed standard of GB, API, AISI, JIS, DIN, besides, company owns certificates of ISO:2000, TS.



Products

More than 50 countries cooperation and projects

QBseries



QWYseries



QVseries



QMseries



QUseries



QPseries



QCseries



QY/QYLseries



QWseries



QVYseries



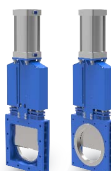
QWLseries



QHseries



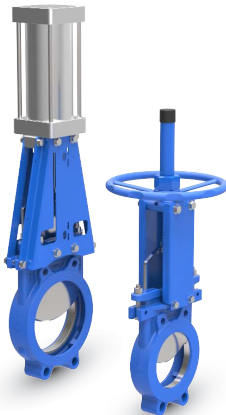
QDseries



QSseries



QB



Unidirectional Sealing
Light Seat replaceable

QB series Unidirectional Seal Knife Gate Valve/Light Seat Replaceable

Model:	QBZ73X
Working Pressure:	DN50-DN100 16bar DN125-DN200 14bar DN250-DN300 12Bar DN350-DN400 10bar DN450-DN550 8bar DN600-DN650 5bar DN700-DN750 4bar DN800-DN900 3bar DN1000-DN1400 2bar
Type:	Wafer,Lug,Flange
Design Standard:	MSS SP-81
Flange Standard:	PN10,PN16,150LB ,JIS 10K,TABLE E/D
Face to Face:	MSS SP-81
Testing Standard:	API-598
Transmission:	manual, electric, pneumatic, hydraulic, sprocket, electro-hydraulic, gear
Main material:	F55,F53,2205,SS310,CF3M,CF3,CF8M,CF8,WCB
Disc material:	F55,F53,2205,SS310,SS316L,SS316,SS304
Sealing material:	NBR,NR,EPDM,FKM,Metal to Metal
Packing:	PTFE,high water based,rubber packing,graphite
Applicable medium:	Applicable for general purpose.

QV

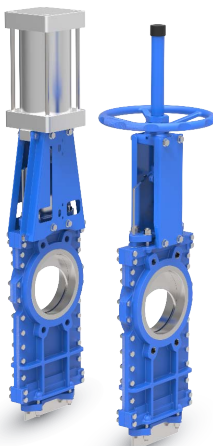


Unidirectional Sealing
Heavy Seat replaceable

QV series Unidirectional Seal Knife Gate Valve/Heavy Seat Replaceable

Model:	QVZ73X
Working Pressure:	DDN50-DN100 16bar DN125-DN200 14bar DN250-DN300 12Bar DN350-DN400 10bar DN450-DN550 8bar DN600-DN650 5bar DN700-DN750 4bar DN800-DN900 3bar DN1000-DN1400 2bar
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
Disc material:	F55,F53,2205,SS310,CF3M,CF3,CF8M,CF8,GGG40
Sealing material:	F55,F53,2205,SS310,SS316L,SS316,SS304
Packing:	NBR,NR,EPDM,FKM,Metal to Metal
Applicable medium:	PTFE,high water based,rubber packing,graphite Applicable for sugar, paper, sewage, tailings, slagging, and other general purpose.

QC



Bi-directional Sealing
Disc Through The Type

QC series Bi-directional Seal Knife Gate Valve/Disc Through the type

Model:	QCZ73X
Working Pressure:	DDN50-DN100 16bar DN125-DN200 14bar DN250-DN300 12Bar DN350-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
Main material:	WCB,CF8M,CF8
Disc material:	F55,F53,2205,SS310,SS316L,SS316,SS304
Sealing material:	NBR,NR,EPDM,FKM,Metal to Metal
Packing:	PTFE,high water based,rubber packing,graphite
Applicable medium:	Applicable for paper, asphalt, tailings, slagging, cement, slime, Dust,Solid Particles, deslagging and so on.

QW



Bi-directional Sealing
Self Sealing

QW series Bi-directional Self-sealing Knife Gate Valve

Model:	QWZ73X
Working Pressure:	DN50-DN100 16bar
	DN125-DN200 10bar
	DN250-DN400 7bar
	DN450-DN500 5Bar
	DN600-DN700 3bar
	DN800 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
Main material:	GGG40
Disc material:	F55,F53,2205,SS310,SS316L,SS316,SS304
Sealing material:	NR, Polyurethane
Packing:	PTFE,high water based,rubber packing,graphite
Applicable medium:	Applicable for mud, pulp, tailings, cyclones and so on.

QWL

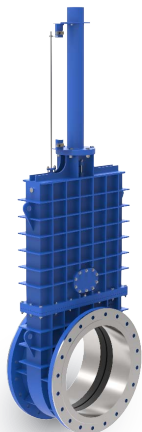


Bi-directional Sealing
Self Sealing Medium Pressure

QWL series Bi-directional Self-sealing Knife Gate Valve/Medium Pressure

Model:	QWLZ43X
Working Pressure:	DN50-DN800 20bar
	DN900-DN1000 10bar
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:	GGG40
Disc material:	F55,F53,2205,SS310,SS316L,SS316,SS304
Sealing material:	NBR,NR
Packing:	PTFE,high water based,rubber packing,graphite
Applicable medium:	Applicable for Mud, pulp, tailings, cyclones and so on.

QWY



Bi-directional Sealing
Fully Enclosed
Medium Pressure

QWY series Bi-directional Seal Knife Gate Valve/Fully Enclosed Medium Pressure

Model:	QWYZ43X
Working Pressure:	DN300-DN500 20bar
	DN550-DN800 16bar
	DN850-DN1000 10bar
	DN1100-DN2000 8bar
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,SS310,CF3M,CF3,CF8M,CF8,WCB,GGG40
Disc material:	F55,F53,2205,SS310,SS316L,SS316,SS304
Sealing material:	NBR,NR,EPDM,
Packing:	PTFE,high water based,rubber packing,graphite
Applicable medium:	Applicable for sudge boat, cutter suction boat, mud and so on.

QU



Bi-directional
Sealing Grooveless

QU series
1PC Body Bi-directional seal Knife Gate Valve Grooveless

Model: QUZ73X
Working Pressure: DN50-DN100 16bar
 DN125-DN200 10bar
 DN250-DN400 7bar
 DN450-DN550 5bar
 DN600-DN700 3bar
 DN800-DN900 2bar
 DN1000-DN1400 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, electric, pneumatic, hydraulic, sprocket, electro-hydraulic, gear
Main material: GGG40
Disc material: F55,F53,2205,SS310,SS316L,SS316,SS304
Sealing material: NBR,NR,EPDM,FKM
Packing: PTFE,high water based,rubber packing,graphite
Applicable medium: Applicable for sewage treatment, paper, sedimentation tanks, mud and so on.

QS



Bi-directional Sealing
Grooveless Wear-resistant

QS series
1PC Body Bi-directional seal Knife Gate Valve Grooveless Wear-Resistant

Model: QSZ73X
Working Pressure: DN50-DN100 10bar
 DN125-DN200 8bar
 DN250 5bar
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
Main material: GGG40
Disc material: F55,F53,2205,SS310,SS316L,SS316,SS304
Sealing material: NBR,NR,EPDM,FKM
Seat Cover: Polyurethane
Packing: PTFE,high water based,rubber packing,graphite
Applicable medium: Applicable for sewage treatment, paper, sedimentation tanks, mud and so on.

QM



Bi-directional Sealing
2PC Body Grooveless

QM series
2PC Body Bi-directional seal Knife Gate Valve Grooveless

Model: QMZ73X
Working Pressure: DN50-DN200 16bar
 DN250-DN600 10bar
 DN650-DN700 8bar
 DN750-DN1000 6bar
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
Main material: F55,F53,2205,SS310,CF3M,CF3,CF8M,CF8,WCB,GGG40
Disc material: F55,F53,2205,SS310,SS316L,SS316,SS304
Sealing material: NBR,NR,EPDM,FKM
Packing: PTFE,high water based,rubber packing,graphite
Applicable medium: Applicable for high pressure, pulp, sewage treatment, paper, sedimentation tank, mud, tailings and so on.

QP



Bi-directional Sealing
Polyurethane Liner

QP series
2PC Body Bi-directional seal Polyurethane lined Knife Gate Valve

Model: QPZ73PU
Working Pressure: DN50-DN200 16bar
 DN250-DN600 10bar
 DN650-DN700 8bar
 DN750-DN1000 6bar
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
Main material: F55,F53,2205,SS310,CF3M,CF3,CF8M,CF8,WCB,GGG40
Disc material: F55,F53,2205,SS310,SS316L,SS316,SS304
Sealing material: Polyurethane
Packing: PTFE,high water based,rubber packing,graphite
Applicable medium: Applicable for mineral processing, sewage, tailings, slag, seawater, and other acid and alkali, wear, media conditions, such as cyclone.

QY/QYL



Unidirectional Sealing

QY/QYL series

Unidirectional seal Knife Gate Valve

Model: QYZ73X
Working Pressure: QY DN50-DN150 10bar
 DN200 8bar
 DN250-DN300 6bar
 DN350-DN400 5bar
 DN450-DN600 3bar
 DN700-DN1400 2bar
 QYL DN50-DN2000 16bar
 DN2200-DN3000 10bar
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: NBR,NR,EPDM,FKM,Metal to Metal
Packing: PTFE,high water based,rubber packing,graphite
Applicable medium: Applicable for steam, sewage, high pressure pipes and so on.
 Bi-directional seal available

QVY



Unidirectional Sealing

QVY series

Unidirectional seal Knife Gate Valve

Model: QVYZ73X
Working Pressure: DN50-DN2000 25bar
 DN2200-DN3000 16bar
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: NBR,NR,EPDM,FKM,Metal to Metal
Packing: PTFE,high water based,rubber packing,graphite
Applicable medium: Applicable for steam, sewage, high pressure pipes and so on.
 Bi-directional seal available

QH



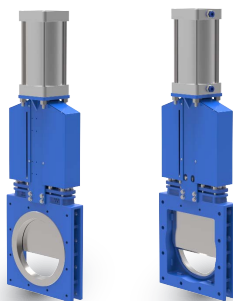
Bi-directional Sealing

QH series

Unidirectional seal Knife Gate Valve

Model: QXZ43X
Working Pressure: DN150-DN400 6-10bar
 DN450-DN550 4-7bar
 DN600-DN800 3-5bar
 DN850-DN900 1-2bar
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: Q235,Stainless Steel
Disc material: F55,F53,2205,SS310,SS316L,SS316,SS304
Sealing material: NBR,NR,EPDM,FKM,Metal to Metal
Packing: PTFE,high water based,rubber packing,graphite
Applicable medium: Dust,Solid Particles,Coal, oil, chemical and so on.

QD



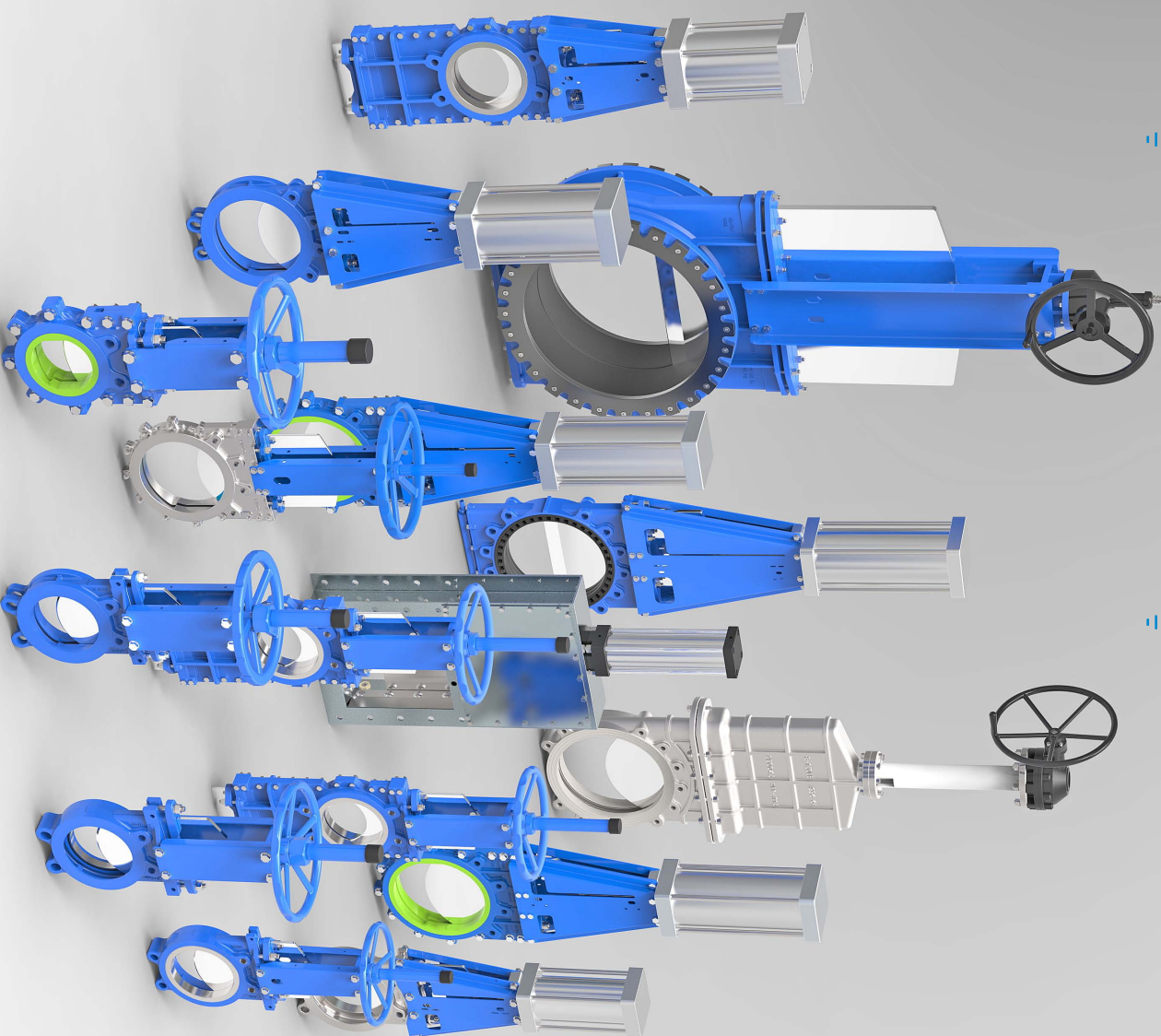
Bi-directional Sealing

QD series

Unidirectional seal Knife Gate Valve

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: 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: Q235,Stainless Steel
Disc material: F55,F53,2205,SS310,SS316L,SS316,SS304
Sealing material: NBR,NR,EPDM,FKM,Metal to Metal
Packing: PTFE,high water based,rubber packing,graphite
Applicable medium: Dust,Solid Particles,Coal, oil, chemical and so on.Slag, cinder,dislagging recommend.

CHSUN Valve



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KNIFE GATE VALVE EXPERT

	A-excellent	B- good	C-ordinary	X-bad				
name	natural rubber	Styrene Butadiene	Nitrile Butadiene Rubber	Ethylene-Propylene-Diene Monomer	Silica	Fluororubber	Polyurethane	
code	NR	SBR	NBR	EPDM	SI	FKM	PU	
min °C	-75	-55	-40	-55	-110	-30	-30	
max °C	70	70	100	125	225	250	100	
hard(shore A)	30~90	40~90	40~90	40~90	40~80	55~90	50~80	
tensile(kgf/cm ²)max	35	25	25	20	15	20	20	
mineral oil	X	X	A	X	B	A	A	
sulfuric acid	C	C	C	A	X	A	C	
toluene	X	X	X	X	X	A	A	
alcohol	B	B	A	A	X	A	X	
Ether	X	X	C	X	X	X	C	