



In regard to the butterfly valves knife gate valves, our company is registered and qualified for ISO9001, the international quality assurance standard.

PRODUCT GUIDE

Business Licenses & Registered Approvals

Approved by:	Model Designation
NK NIPPON KAIJI KYOKAI	612X,615X,606K,5422,602A
LR LLOYD'S REGISTER OF SHIPPING	612X,615X,606K,606F
DNV DET NORSKE VERITAS	615X,606K,5421,5422,5423



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Approved by:	Model Designation
ABS AMERICAN BUREAU OF SHIPPING	612X,606K
BV BUREAU VERITAS	
CR CHINA CORPORATION REGISTER OF SHIPPING	We will get the approval of each orders upon requests.
CSS CHINA CLASSIFICATION SOCIETY	The charges are not included in our standard price.
KR KOREAN REGISTER OF SHIPPING	
GL GERMANISCHER LLOYD	
JG -	

KNIFE GATE VALVES

These compact and lightweight valves control fluids for paper pulp, chemicals, fiber or the like. Featuring high corrosion resistance and high abrasion resistance, they have an extremely long service life.

336J

ALL STAINLESS KNIFE GATE VALVES



Max. service pressure : 1.0 MPa (10 bar)

Nominal size : 50 mm to 600 mm (2 in to 24 in)

Materials :

Body : SCS14,13
Plate : SUS316,304
Seat : SUS316

SUS304

CR

EPDM

PTFE

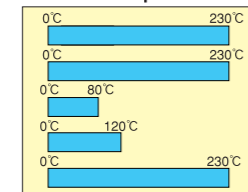
Flange standards :

JIS 5K, 10K ASME 125Lb, 150Lb etc.

Applications :

Paper pulp, Chemicals, Fiber, Granules, Sewage disposal, etc.

Service temperature :



NEO-PINCH VALVES

Durable, easy-to-maintain, and compact, these valves feature unique rubber sleeves for flexible control of solid-laden fluids.

704



Max. service pressure : 0.3 MPa (3 bar)

Nominal size : 25 mm to 100 mm (1 in to 4 in)

Materials :

Body : FC250

Seat : CR

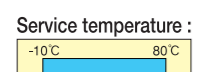
Flange standards :

JIS 10K

Applications :

Sludge, Oreslurry, Cement, Powder, Pulp & paper, etc.

PATENTED



703



Max. service pressure : 0.3 MPa (3 bar)

Nominal size : 125 mm to 200 mm (5 in to 8 in)

Materials :

Body : FC250

Flange : SS400+SUS304

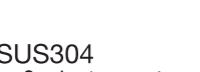
Seat : CR,NR

Flange standards :

JIS 10K

Applications :

Sludge, Oreslurry, Cement, Powder, Pulp & paper, etc.



702



Max. service pressure : 0.3 MPa (3 bar)

Nominal size : 25 mm to 350 mm (1 in to 14 in)

Materials :

Body : FC250

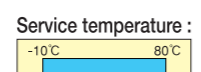
Seat : CR,NR

Flange standards :

JIS 10K

Applications :

Sludge, Oreslurry, Cement, Powder, Pulp & paper, etc.



Warranty Period

Our products are guaranteed for either a period of 18 months from shipment out of our factory or 12 months from trial operation, whichever is the shorter.

- Valve body design is different from valve sizes.
- Detail description is subject to change without prior notice.

OKUMURA ENGINEERING corp.
http://www.okm-net.co.jp/

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446-1 Ohtani, Hino-cho, Gamo-gun, Shiga Prefecture 529-1608, Japan.

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Asahi Century Bldg. 6F, 1-7-18 Utsubo-Honmachi, Nishi-ku, Osaka City, Osaka Prefecture 550-0004, Japan.
Phone: 81-6-6445-0501 FAX: 81-6-6445-1333

Full Line-up Ranging from General Purpose Valves to Advanced Electronic Control Valves

RUBBER SEATED BUTTERFLY VALVES

The unique "touch-seat" design offers leaktight shut-off and low seating torque for any sort of fluid.

602A

CONDENSATION RESISTANT
ALMI DICAST BODY
BUTTERFLY VALVES

Max. service pressure :
1.0 MPa (10 bar)

Nominal size :
40 mm to 300 mm
(1.5 in to 12 in)

Materials :

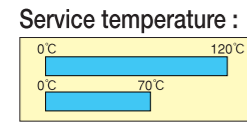
Body : ADC12
Disk : SCS14
Seating : EPDM
NBR

Flange standards :

JIS 5K, 10K ASME 125Lb, 150Lb etc.

Applications :

Air-conditioning systems, General industries, etc.



Qualified by Japan Fire Protection
Equipment and Safety Center

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612X/615X

1.0MPa
BUTTERFLY VALVES

Max. service pressure :
1.0 MPa (10 bar)

Nominal size :
[612X] 40 mm to 300 mm
(1.5 in to 12 in)
[615X] 350 mm to 1200 mm
(14 in to 48 in)

Materials :

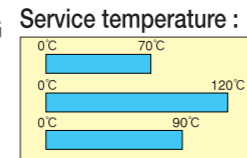
Body : FCD450, FC250
Disk : SCS14,13, CAC701
TUNGSTEN CARBIDE COATING
Seating : NBR
EPDM
POLYURETHANE

Flange standards :

JIS 5K, 10K ASME 125Lb, 150Lb etc.

Applications :

General industries, Air-conditioning systems, Marine, etc.



616/618H

1.0MPa/1.6MPa
BUTTERFLY VALVES

Max. service pressure :
[616 H] 1.0 MPa (10 bar)
[618 H] 1.6 MPa (16 bar)

Nominal size :
[616 H] 50mm to 300mm
(2 in to 12 in)
[618 H] 350mm to 600mm
(14 in to 24 in)

Materials :

Body : FCD450
Disk : SCS13
Seating : EPDM
NBR

Flange standards :

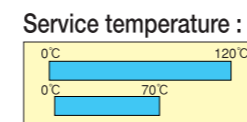
JIS 5K, 10K PIN 10, 16 ASME 125Lb, 150Lb

Applications :

Construction Equipment, Higt-Rise Buildings,
General industries, etc.



The photo shows model 618H-G



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TEFLON® BUTTERFLY VALVES

525N

TEFLON LINING
BUTTERFLY VALVES

Max. service pressure :
0.7 MPa (7 bar) (liquid)
0.3 MPa (3 bar) (gas)

Nominal size :
50 mm to 600 mm
(2 in to 24 in)

Materials :

Body : FCD-S
Disk : PFA + S45C (50 to 200mm)
PFA + FCD-S (250 to 600mm)

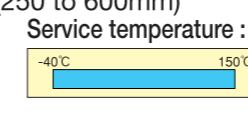
Seating : PTFE

Flange standards :

JIS 10K ASME 125Lb, 150Lb

Applications :

Chemicals, Foodstuffs, Pharmaceuticals, Gases, Solvents,
etc.



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Equipment and Safety Center

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HIGH-PERFORMANCE BUTTERFLY VALVES

These valves feature unique self-seating seat rings and assure complete shut-off. Made for applications under severe conditions, these valves provide excellent control characteristics when handling difficult fluids.

5410 Series

1.0MPa
BUTTERFLY VALVES

Max. service pressure :
1.0 MPa (10 bar)

Nominal size :
50 mm to 300 mm
(2 in to 12 in)

Materials :

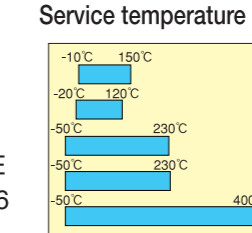
Body : SCS13A, 14A, 16A
Disk : SCS13A, 14A, 16A
Seating : [541R] FKM
EPDM
[541T] PTFE
R-PTFE
[541M] SUS316

Flange standards :

JIS 5K, 10K etc.

Applications :

Cruded oil, Chemicals, Steam, Acid, Gases, etc.



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5420 Series

2.0MPa
BUTTERFLY VALVES

Max. service pressure :
2.0 MPa (20 bar)

Nominal size :
50 mm to 1000 mm
(2 in to 40 in)

Materials :

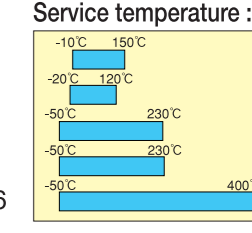
Body : SCS13, 14
Disk : SCS13, 14
Seating : [5421] FKM
EPDM
[5422] PTFE
R-PTFE
[5423] SUS316

Flange standards :

JIS 10K, 16K, 20K ASME 125Lb, 150Lb etc.

Applications :

Cruded oil, Chemicals, Steam, Acid, Gases, etc.



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Equipment and Safety Center

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603A

ALMI DICAST BODY
BUTTERFLY VALVES

Max. service pressure :
1.0 MPa (10 bar)

Nominal size :
40 mm to 300 mm
(1.5 in to 12 in)

Materials :

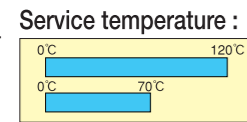
Body : ADC12
Disk : PPS, SCS14
Seating : EPDM
NBR

Flange standards :

JIS 5K, 10K ASME 125Lb, 150Lb etc.

Applications :

Water Treatment Plant, General industries, etc.



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606K/606F

FLANGE TYPE
BUTTERFLY VALVES

Max. service pressure :
1.0 MPa (10 bar)

Nominal size :
[606K] 50 mm to 300 mm
(2 in to 12 in)
[606F] 350 mm to 1500 mm
(14 in to 60 in)

Materials :

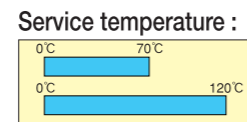
Body : SCPH2, FCD450
Disk : SCS14, 13
Seating : NBR
EPDM

Flange standards :

JIS 5K, 10K etc.

Applications :

Marine, General industries, Air-conditioning systems, etc.



622H

2.0MPa
BUTTERFLY VALVES

Max. service pressure :
2.0 MPa (20 bar)

Nominal size :
50 mm to 600 mm
(2 in to 24 in)

Materials :

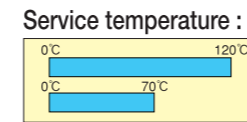
Body : FCD450
Disk : SCS13
Seating : EPDM
NBR

Flange standards :

JIS 5K, 10K PIN 10, 16, 20 ASME 125Lb, 150Lb etc.

Applications :

Construction Equipment, Higt-Rise Buildings,
General industries, etc.



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Equipment and Safety Center

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DN

ELECTRONIC
CONTROL TYPE
BUTTERFLY VALVES

Max. service pressure :
1.0 MPa (10 bar)
1.6 MPa (16 bar)
2.0 MPa (20 bar)

Nominal size :
1.0 MPa (50 to 450A)
1.6 MPa (50 to 400A)
2.0 MPa (50 to 350A)

Materials :

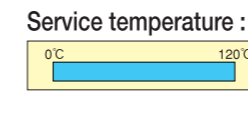
Body : FCD450
Disk : SCS13, 14
Seating : EPDM

Flange standards :

JIS 5K, 10K ASME 125Lb, 150Lb

Applications :

Intelligent air-conditioning systems, etc.



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Equipment and Safety Center

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5452

5.0MPa
BUTTERFLY VALVES

Max. service pressure :
5.0 MPa (50 bar)

Nominal size :
80 mm to 450 mm
(3 in to 18 in)

Materials :

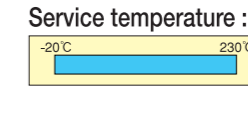
Body : SCS13
Disk : SCS13
Seating : R-PTFE

Flange standards :

JIS 16K, 20K, 30K etc.

Applications :

Cruded oil, Chemicals, Steam, Acid, Gases, etc.



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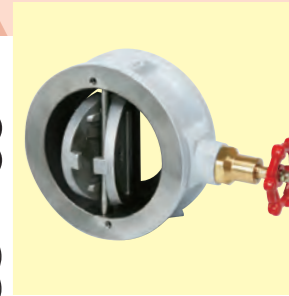
CHECK VALVES

110Z · 111S 120Z · 121S

Max. service pressure :
[110Z · 111S] 1.4MPa (14 bar)
[120Z · 121S] 2.8MPa (28 bar)

Nominal size :

[110Z · 111S] 50mm to 300mm (2 in to 12 in)
[120Z · 121S] 50mm to 600mm (2 in to 24 in)



The photo shows model 110Z

Materials :	with bypass valve		without bypass valve	
	110Z	120Z	111S	121S
Body	FCD450			
Disc	SCS13A			
Seat Ring	EPDM		NBR	
Service temperature	0°C ~ 120°C		0°C ~ 70°C	
	0°C ~ 120°C		0°C ~ 70°C	
Flange standards :	JIS 10K	JIS 16K, 20K	JIS 10K	JIS 16K, 20K

Applications : Cruded Oil, Chemicals, Steam, Acid, Gases, etc.

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Equipment and Safety Center