

## 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 :

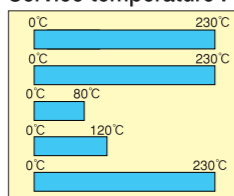
JIS 5K, 10K ASME 125Lb, 150Lb etc.

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

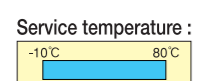


Max. service pressure :  
0.3 MPa  
(3 bar)

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.

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### 703

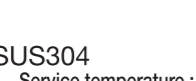


Max. service pressure :  
0.3 MPa  
(3 bar)

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

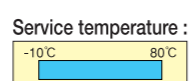


Max. service pressure :  
0.3 MPa  
(3 bar)

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.

## 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



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

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 -	

# PRODUCT GUIDE

# OKM



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

### 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.

**OKM**  
OKUMURA ENGINEERING corp.  
<http://www.okm-net.co.jp/>

HEAD OFFICE and Factory  
446-1 Ohtani, Hino-cho, Gamo-gun, Shiga Prefecture 529-1608, Japan.

Osaka Branch  
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 :

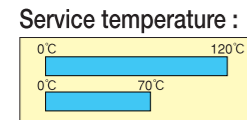
Body : ADC12  
Disk : SCS14  
Seating : EPDM  
NBR

Flange standards :

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

Applications :

Air-conditioning systems, General industries, etc.



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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 :

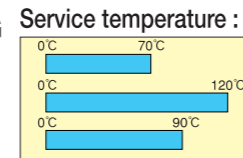
Body : FCD450, FC250  
Disk : SCS14,13, CAC701  
TUNGSTEN CARBIDE COATING  
Seating : NBR  
EPDM  
POLYURETHANE

Flange standards :

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

Applications :

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



### 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 :

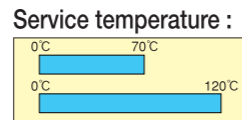
Body : SCPH2, FCD450  
Disk : SCS14,13  
Seating : NBR  
EPDM

Flange standards :

JIS 5K, 10K etc.

Applications :

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



### 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 :

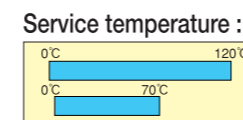
JIS 5K, 10K PIN 10, 16 ASME 125Lb, 150Lb

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 24in)

Materials :

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

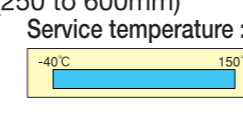
Seating : PTFE

Flange standards :

JIS 10K ASME 125Lb, 150Lb

Applications :

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



### 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 :

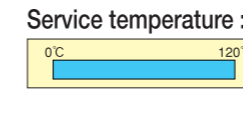
Body : FCD450  
Disk : SCS13,14  
Seating : EPDM

Flange standards :

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

Applications :

Intelligent air-conditioning systems, etc.



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## HIGH-PERFORMANCE BUTTERFLY VALVES

### 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 :

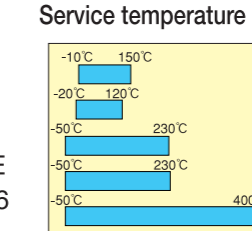
Body : SCS13A, 14A, 16A  
Disk : SCS13A, 14A, 16A  
Seating : [541R] FKM  
EPDM  
[541T] PTFE  
R-PTFE  
[541M] SUS316

Flange standards :

JIS 5K, 10K etc.

Applications :

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



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Equipment and Safety Center

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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 :

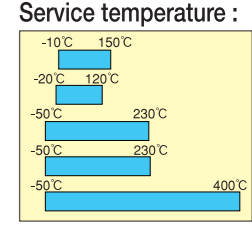
Body : SCS13,14  
Disk : SCS13,14  
Seating : [5421] FKM  
EPDM  
[5422] PTFE  
R-PTFE  
[5423] SUS316

Flange standards :

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

Applications :

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



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### 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 :

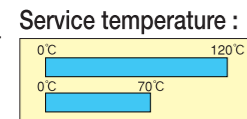
Body : ADC12  
Disk : PPS, SCS14  
Seating : EPDM  
NBR

Flange standards :

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

Applications :

Water Treatment Plant, General industries, etc.



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### 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 :

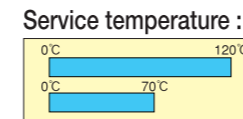
Body : FCD450  
Disk : SCS13  
Seating : EPDM  
NBR

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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### 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 :

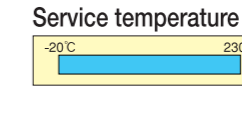
Body : SCS13  
Disk : SCS13  
Seating : R-PTFE

Flange standards :

JIS 16K, 20K, 30K etc.

Applications :

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



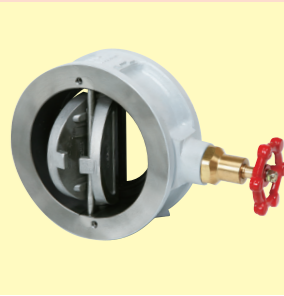
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## CHECK VALVES

### 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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