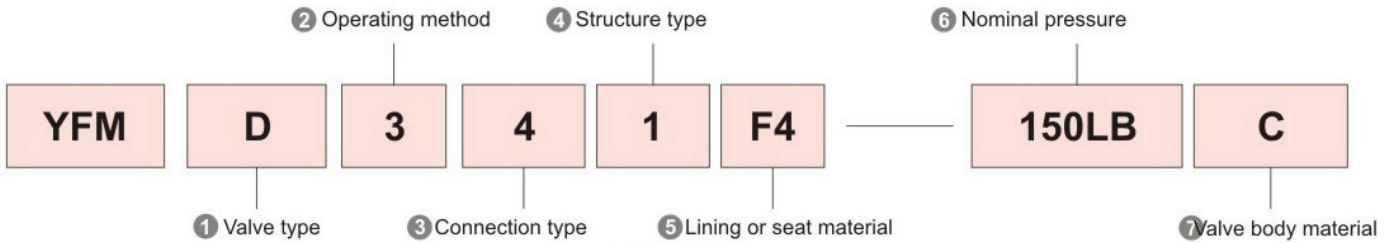


# A Lined Valve

## Lined Valve Numbering System

### ※How To Specify



#### 1 Valve type

Table 1

Valve type	Code	Valve type	Code
Gate valve	Z	Diaphragm valve	G
Globe valve	J	Plug valve	X
Ball valve	Q	Check valve	H
Butterfly valve	D	Discharge valve	FQ

Note: low temperature (<-40°C), heat preservation (with heating jacket) and valve with bellows, put "D" "B" "W" respectively in front of type code.

#### 4 Structure types for valves

Table 4

Gate Valve			Code
Rising stem	Wedge type	Rigidity	0
		Single disc	1
	Parllel type	Double disc	2
		Flexible disc	Single disc
Non-rising stem wedge	Flexible disc	Double disc	4
		Single disc	5
		Double disc	6

#### 2 Operation methods

Table 2

Operation methods	Code	Operation methods	Code
Electromagnetic transmission	0	Pneumatic	6
Electromagnetic-hydraulic transmission	1	Hydraulic	7
Electric-hydraulic transmission	2	Pneumatic-hydraulic	8
Worm gear	3	Electric	9
Bevel gear	5		

Note: 1. No specified code for handwheel, lever, spanner operation.

2. For pneumatic or hydraulic: 6K, 7K stand for normally open, 6B, 7B stand for normally close; 6S stands for pneumatic with manual operated; 9B stands for explosion-proof electric.

Table 5

Globe Valve		Code
	Through-way	1
	Angle type	4
	Y-type	5
Balanced	Through-way	6
	Angle type	7

#### 3 Connection type

Table 3

Connection type	Code	Connection type	Code
FNPT	1	Wafer	7
NWPT	2	Clamp	8
Flange	3	Cutting sleeve	9
Welding	5		

Note: Welding includes butt welding and socket weld

Table 6

Ball Valve		Code
Floating ball	Through-way	1
	L type	Three-way type
	T type	
Fixed ball	Through-way	7

# A Lined Valve

## Compilation method for valve model

Table 7

Butterfly Valve	Code
Mono-eccentric	0
Center vertical plate	1
Bi eccentric	2
Tri eccentric	3
Linkage	4

Table 8

Diaphragm Valve	Code
Weir type	1
Globe type	3
Wedge type	7

Table 9

Plug Valve		Code
Packing	Through-way	3
	T-type three-way	4
	Four-way	5
oil seal	Through-way	7
	T-type three-way	8

Table 10

Check Valve		Code
Lift	Through-way	1
	Vertical type	2
	Single disc	4
Swing	Multi-disc	5
	Double disc	6

### 5 Lining or seat material

Table 11

Lining/seat material	Code	Lining/seat material	Code
Rubber	X	Alloy steel	H
Nylon plastic	N	Cemented carbide	Y
Fluoroplastics	F	Enamel	C
Perfluoroalkoxy	PFA	FEP	F46
Polytetrafluoroethylene	F4	Modified polyolefine	GXPO

Note: Code "W" stands for seat sealing material directly processed on valve body; When the sealing material of the seat and disc is different, use the lower hardness material for stand (Except the diaphragm valve).

### 6 Nominal pressure

According to JB74-59 <Nominal pressure, test pressure and working pressure for pipe fitting>, for power station industrial valves, when the maximum temperature of medium is over 530 degree, mark the working pressure according to JB 74-59.

### 7 Valve body material

Table 12

Body material	Code	Body material	Code
HT25-47	Z	Cr5Mo	I
KT30-6	K	1Cr18Ni9Ti	P
QT40 25	Q	Cr18Ni12Mo2Ti	R
H62	T	12Cr1MoV	V
WCB	C		

Note: For gray cast iron valve body with  $P_g \leq 16 \text{kgf/cm}^2$  and Carbom steel body with  $P_g \geq 25 \text{kgf/cm}^2$ , omit this code.

Note: Half lined valve, i.e. half lined wafer butterfly valve, the code as below: D71F4/P-PN16-DN50