



VALVE SUPPLIER

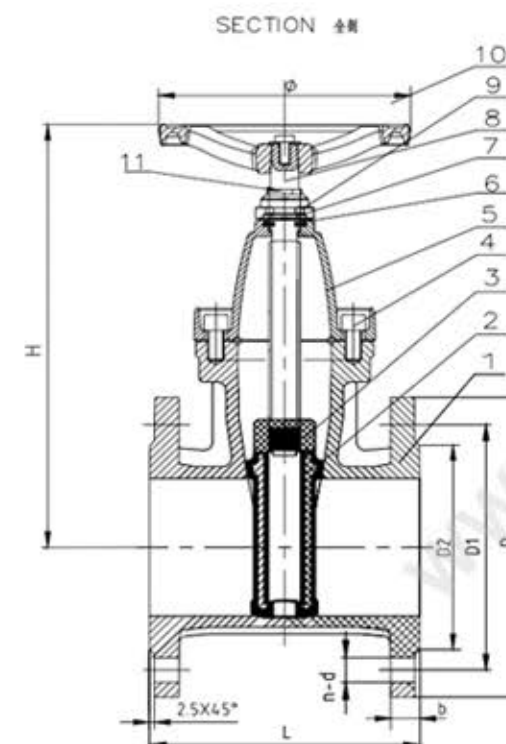
天津市科信成金属制品有限公司
TIANJIN KXC METAL PRODUCTS CO., LTD.



KXC-resilient seat gate valve

Characteristic of products

- Good coverage and precise geometry size ,to ensure reliable sealing and longer service life.
- Using non toxic epoxy resin coating to prevent corrosion and rust,can be used in the sewage system.
- Stem o-rings seals,low friction,no leaking



NO	NAME	MATERIAL
1	BODY	ductile iron(DI)
2	WEDGE	DI+EPDM
3	WEDGE NUT	BRASS
4	BOLT	GB700-88 Q235
5	BONNET	DI
6	OPEN RING	BRASS
7	SEALING RING	EPDM
8	STEM	2CR13
9	GLAND	DI
10	HANDWHEEL	DI
11	DUST CAP	EPDM

Design standard and applicable temperature

Design code	: JIS B2043 DIN 3352 AWWA C509 BS 5163
Size range	: DN40-1200 (1.5" -48")
Maximum pressure	: 16 bar
Temperature range	: -20°C (-4F°C) to 160°C (320F°C)
Face to face	: JIS B2002 DIN3202-F5 DIN3202-F4 ANSI B16.10 BS 5163
End flange	: JIS B2212 10K DIN2533 PN10/16 ASIN 150# BS 4504 Pn10/16
Tightness test	: JIS B2003 DIN 3230 AWWA C509 BS 6755

SIZE	D			D1			D2		L		H	n-d			b			Ø
	10	16	25	10	16	25	10	16	F4	5163		10	16	25	10	16	25	
DN40		150			110		84	140	165	184		4-19	4-19		18			160
DN50		165			125		99	150	178	235		4-19	4-19		19			160
DN65		185			145		118	170	190	265		4-19	8-19		19			160
DN80		200			160		132	180	203	290		8-19	8-19		18-19			200
DN100	220	220	235	180	180	190	156	190	229	320		8-19	8-22		18-19			200
DN125	250	250	270	210	210	220	184	200	254	380		8-19	8-26		18	24		260
DN150	285	285	300	240	240	250	210	210	267	460		8-23	8-26		19	24		260
DN200	340	340	360	295	295	310	266	230	292	520		8-23	12-23	12-26	20	24		330
DN250	405	405	425	350	355	370	319	250	330	630		12-23	12-28	12-30	22	27		400
DN300	460	460	485	400	410	430	370	270	356	720		12-23	12-28	16-30	24	22	27	400
DN350	520	520	555	460	470	490	429	290	381	800		16-23	16-28	16-33	25	30		465
DN400	580	580	620	515	525	550	480	310	406	850		16-28	16-31	16-36	28	33		465
DN450	640	640		565	585		548	330	432	1000		20-28	20-31		29			465
DN500	715	715		620	650		609	350	457	1200		20-28	20-34		31			630
DN600	840	840		725	770		720	390	508	1350		20-31	20-38		33			630
DN700	895	910		840	840		800	430	610	1390		24-30	24-36		32	40		
DN800	1015	1025		950	950		900	470	660	1520		24-34	24-40		35	43		
DN900	1115	1125		1050	1050		1000	510	711	2090		28-34	28-40		36	46		
DN1000	1230	1255		1160	1170		1112	550	811	1980		28-37	28-43		40	50		

> BS STANDARD GATE VALVE

- Standard: BS5163



> OPTIMAL-01 <



> COMMON-C1 <



> COMMON-C2 <



> ECONOMIC-E1 <

> Basic parameters

BODY	DI/GGG50	DI/GGG50	DI/GGG50	DI/GGG50
BONNET	DI/GGG50	DI/GGG50	DI/GGG50	DI/GGG50
DISC	DI+EPDM	DI+EPDM	DI+EPDM	DI+EPDM
STEM	SS420	SS420	STEEL C45#	STEEL C45#
NUT	BRASS	BRASS	DI/GGG50	DI/GGG50
OPERATE	HAND WHEEL	HAND WHEEL	HAND WHEEL	HAND WHEEL
WEIGHT(DN100)	20KG	17KG	17KG	11KG

› DIN STANDARD GATE VALVE

- Standard: DIN3352 F4



OPTIMAL-O1



OPTIMAL-O2



› Basic parameters

BODY
BONNET
DISC
STEM
NUT
OPERATE
WEIGHT(DN100)

DI/GGG50
DI/GGG50
DI+EPDM
SS420
BRASS
HAND WHEEL
20KG

DI/GGG50
BRASS
DI+EPDM
SS420
BRASS
HAND WHEEL
20KG

➤ DIN STANDARD GATE VALVE

- Standard: DIN3352 F4



COMMON-C1



COMMON-C2



COMMON-C3



➤ Basic parameters

BODY	DI/GGG50	DI/GGG50	DI/GGG50
BONNET	DI/GGG50	BRASS	BRASS
DISC	DI+EPDM	DI+EPDM	DI+EPDM
STEM	STEEL C45#	STEEL C45#	SS420
NUT	DI/GGG50	DI/GGG50	BRASS
OPERATE	HAND WHEEL	HAND WHEEL	HAND WHEEL
WEIGHT(DN100)	17KG	17KG	17KG

> DIN STANDARD GATE VALVE

- Standard: DIN3352 F4



ECONOMIC-E1



ECONOMIC-E2



ECONOMIC-E3



> Basic parameters

BODY
 BONNET
 DISC
 STEM
 NUT
 OPERATE
 WEIGHT(DN100)

DI/GGG50
 DI/GGG50
 DI+EPDM
 STEEL C45#
 DI/GGG50
 HAND WHEEL
 11KG

DI/GGG50
BRASS
 DI+EPDM
 STEEL C45#
 DI/GGG50
 HAND WHEEL
 11KG

DI/GGG50
BRASS
 DI+EPDM
 SS420
BRASS
 HAND WHEEL
 11KG

> GATE VALVE

ANSI

BS5163 (PN25)

DIN F5



OPTIMAL-01



OPTIMAL-02



OPTIMAL-03



> Basic parameters

BODY

DI/GGG50

DI/GGG50

DI/GGG50

BONNET

DI/GGG50

DI/GGG50

DI/GGG50

DISC

DI+EPDM

DI+EPDM

DI+EPDM

STEM

SS420

SS420

SS420

NUT

BRASS

BRASS

BRASS

OPERATE

HAND WHEEL

HAND WHEEL

HAND WHEEL

PRESSURE

150LB

PN25

PN10/16

STANDAR

ANSI

BS5163

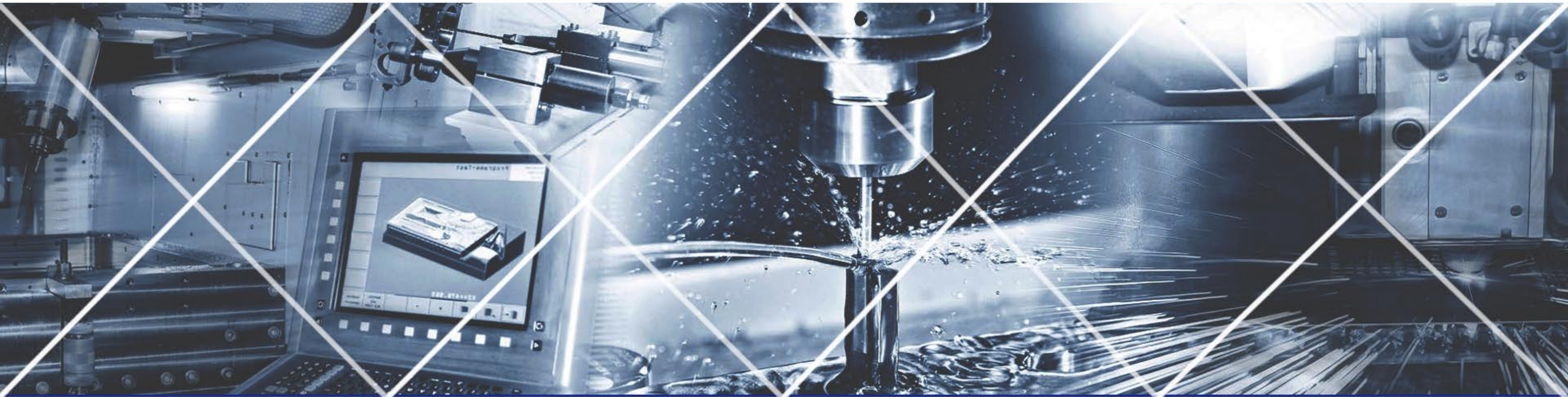
DIN F5

WEIGHT(DN100)

20KG

24KG

24KG



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