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BI-DIRECTIONAL KNIFE GATE VALVE WITH ISO MOUNTING PLATE FOR CONNECTION

VGB4400-004



Tecofi'
VALVE DESIGNER - FRANCE

APPLICATION

General use: pulp production, water, water treatment, waste water, wine-producing..

GENERAL CHARACTERISTICS

Rising bi-directional tight knife gate valve.
Function ON/OFF or regulation.
Between flanges connection according to ISO PN10
Mounting only on horizontal pipeline.
Complete sealed by nitrile elastomer seat in standard.

CONSTRUCTION

10	ISO Mounting plate	Steel
9	Stem	Stainless steel 304
8	Protection plate	Stainless steel 304
7	O ring	NBR
6	Support plate	Steel A45
5	Seat	NBR
4	Packing	PTFE
3	Packing gland	Ductile iron EN-GJS-500-7
2	Gate	Stainless steel 304
1	Body	Ductile iron EN-GJS-500-7
Pos.	Description	Material

*Pre-shaped parts up to DN300.

DIMENSIONS

DN		L	B	C	ØK	H	n x ØM	ho	hc	ISO mounting plate	Weight (kg)
mm	inch										
50	2"	43	126	62	125	305	4xM16	77	132.5	F07/F10	6.5
65	2 1/2"	46	140	69	145	330	4xM16	71.5	138.5		8
80	3"	46	154	91	160	355	4xM16	81	162		9
100	4"	52	177	104	180	400	4xM16	82.5	183	F07/F10	9.5
125	5"	56	198	119	210	438	4xM16	80.5	208		12.5
150	6"	56	220	131	240	489	4xM20	76.5	227.5	F10	17.5
200	8"	60	275	158	295	608	4xM20	83.5	285		31
250	10"	68	326	197	350	700	8xM20	80	334	F10	45
300	12"	78	380	231	400	807	8xM20	79.5	384		55
350	14"	78	438	255	460	910	10xM20	82.5	434	F10/F14	110
400	16"	102	494	292	515	1020	10xM24	75	480		134
450	18"	114	630	311	565	1115	14xM24	86	542	F10/F14	167
500	20"	127	700	344	620	1225	16xM24	86	592		217
600	24"	154	800	400	725	1429	16xM27	86.5	686.5		259

WORKING CONDITIONS

Working pressure :
DN50-250 : 10 bar
DN300-450 : 7 bar
DN500-600 : 4 bar

Maximum working temperature : -10°C /+ 80°C.

STANDARDS

Face to face dimension according to standards EN558 serie 20.
Test procedures are established according to standards EN 12266-1,
DIN 3230, BS 5154 and ISO 5208. Connections between flanges according
to standards EN1092-2 and DIN 2501 ISO PN10.

