

SECA KNIFE GATE VALVE MODEL: KV-208

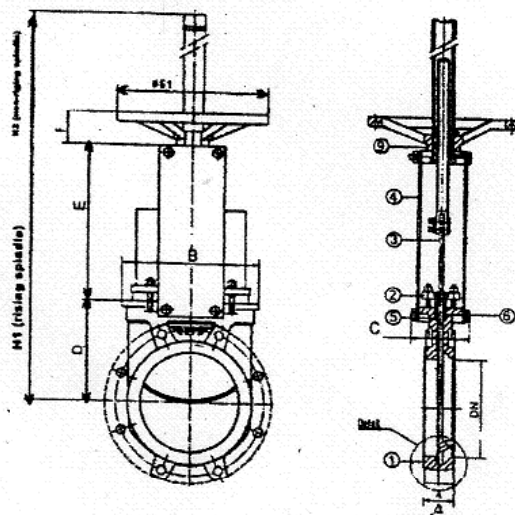
APPLICATIONS:

Application rang from thick slurries,dirty or powdery media to granulates waste water treatment,SECA valve has gained worldwide acceptance in sewage treatment chemical processing, food&beverage,mining plastics powder cement

of-shore drilling and other services.

MATERIALS

BODY	CAST IRON , CF 8 , CF 8 M
STEM	CF 8 , CF 8 M
DISC	CF 8 , CF 8 M
O-RING	NBR,EPDM,PTFE
GLAND	CAST IRON ,CF 8 , CF 8 M
HAND WHEEL	CAST IRON
RING	CF 8 , CF 8 M
SEAT	PTFE , EPDM,METAL
PACKING	COTTON,PTFE,GRAPHITE



DIMENSIONS

DN	A	B	C	D	E	F	G I	H1
50	40	124	90	105	135	45	200	420
65	40	139	90	115	152	45	200	455
80	60	154	90	124	168	45	200	473
100	65	174	90	140	193	45	200	518
125	65	180	104	150	217	50	250	602
150	65	217	104	175	243	50	250	643
200	75	270	119	205	346	67	310	853
250	70	326	119	250	401	67	310	1037
300	70	380	119	300	451	67	410	1127
350	96	438	192	338	538	64	410	1340
400	100	493	192	392	588	64	410	1425
450	106	546	196	432	650	64	550	1635
500	110	610	196	485	663	64	550	1745

SECA KNIFE GATE VALVE MODEL: KV-208-CY

APPLICATIONS:

Application rang from thick slurries,dirty or powdery media to granulates waste water treatment,SECA valve has gain worldwide acceptance in sewage treatment chemical processing, food&beverage,mining plastics powder cement of-shore drilling and other services.

MATERIALS

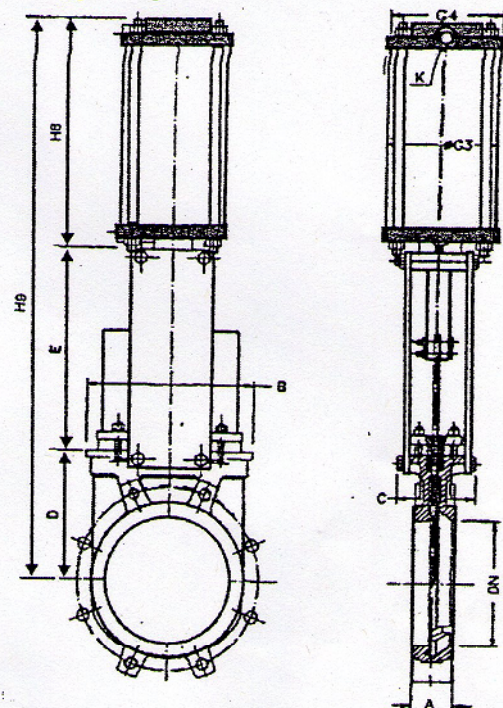
BODY	CAST IRON , CF 8 , CF 8 M
STEM	CF8 , CF 8 M
DISC	CF 8 , CF 8 M
O-RING	NBR,EPDM,PTFE
GLAND	CAST IRON ,CF8 , CF8 M
HAND WHEEL	CAST IRON
RING	CF 8 , CF 8 M
SEAT	PTFE , EPDM,METAL
PACKING	COTTON,PTFE,GRAPHITE

ACTUATORS: Standard Handwheel Rising Spindle

Pneumatic Cylinder Double Acting , Single Acting & Electric Actuator

DIMENSIONS

DN	A	B	C	D	E	G3	G4	H8	H9	K	BORE
50	40	124	90	105	135	86	90	170	410	1/4BSP	80
65	40	139	90	115	152	86	90	186	453	1/4BSP	80
80	50	154	90	124	168	86	90	204	496	1/4BSP	80
100	50	174	90	140	193	106	110	225	558	1/4BSP	100
125	50	180	104	150	217	132	135	268	635	1/4BSP	125
150	59	217	104	175	243	132	135	281	699	1/4BSP	125
200	60	270	119	205	346	167	170	358	909	1/4BSP	160
250	70	326	119	250	401	210	215	412	1063	3/8BSP	200
300	70	380	119	300	451	210	215	460	1211	3/8BSP	200
350	96	438	192	338	538	265	274	551	1427	3/8BSP	250
400	100	493	192	392	588	324	274	601	1581	3/8BSP	250
450	106	546	196	432	650	324	382	660	1742	1/2BSP	300
500	110	610	196	485	663	324	382	710	1858	1/2BSP	300
600	110	714	196	590	763	324	382	810	2163	1/2BSP	300

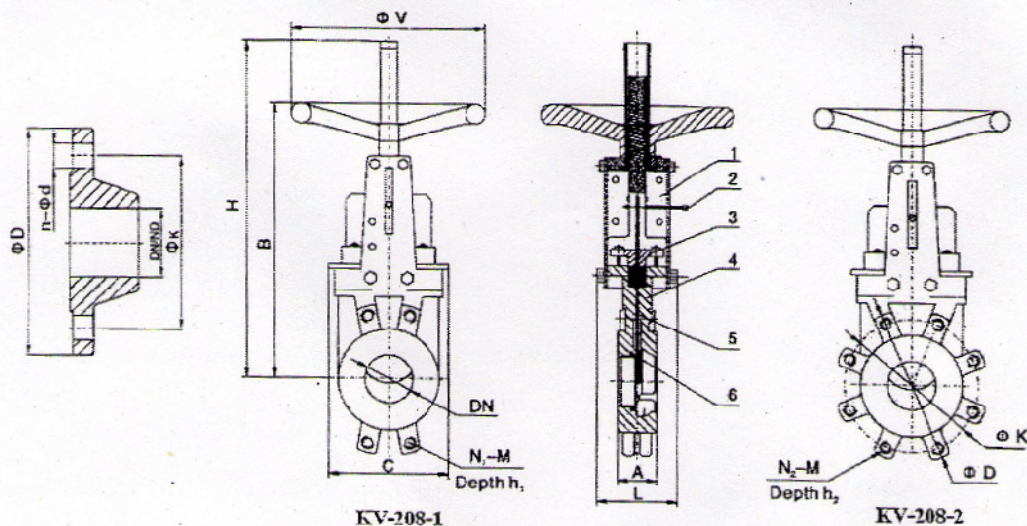


SECA Knife Gate Valve

Model: KV-208-1 KV-208-2

Products Characters

1. Function of ON/OFF or regulation.
2. Wafer threaded flange mounted.
3. Single directional tightness, direction indication of the arrow on the body.
4. Small retention zone : the gate is guided in the body and has little clearance.
5. Gland : packing instead of O ring (material same as seat), to assure the top flange tightness and decrease the operating torque.
6. The adaptation of a diaphragm ring can regulate the thick fluids.
7. Standard fixation holes.
8. Possible mounting protection shields.
9. Operators : handwheel, double-acting pneumatic actuator, single-acting pneumatic actuator, gear box, hydraulic actuator.
10. Flange connection conform to : ISO PN10, ANSI B16.5
11. Test and inspection conform to : DIN 3230, ISO 5208



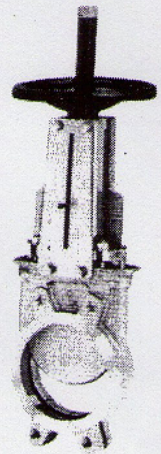
Material List

NO	Name	Material	Optional Material
1	Support	Stainless Steel	Steel
2	Position indicator	-	-
3	Packing	Tallowed Cotton	Graphite , PTFE
4	Body	WCB , Stainless Steel	Cast Iron , Steel
5	Disc	Stainless Steel	Non Option
6	Seat	NBR , EPDM , METAL	Non Option

SECA Knife Gate Valve

Dimensions (mm) KV-208-1

SIZE		A	B	C	L	ΦV	H	Weight (kg)
DN	Inch							
50	2"	40	283	124	83	Φ200	348	8
65	2.5"	40	308	139	83	Φ200	388	10
80	3"	50	333	154	83	Φ200	413	11
100	4"	50	378	174	83	Φ200	488	12
125	5"	50	423	189	93	Φ250	564	17
150	6"	60	474	220	93	Φ250	635	21
200	8"	60	593	275	108	Φ310	809	38
250	10"	70	685	326	108	Φ310	946	52
300	12"	70	792	380	108	Φ310	1118	63
350	14"	96	900	438	290	Φ500	1282	115
400	16"	100	978	494	290	Φ500	1441	145
450	18"	106	1105	547	290	Φ500	1587	186
500	20"	110	1215	613	290	Φ500	1809	221
600	24"	110	1418	716	290	Φ500	2060	265
700	28"	110	1640	835	400	Φ800	2372	430
800	32"	110	1840	972	400	Φ800	2682	590
900	36"	110	2080	1041	400	Φ800	3022	735
1000	40"	110	2260	1152	450	Φ800	3315	895
1200	48"	120	2460	1255	450	Φ960	3975	1250



KV-208-1

Dimensions (mm) KV-208-2

SIZE		Flange Connection ANSI B16.5				BODY Connection				
DN	Inch	ΦD	ΦK	n	Φd	N1	N2	M	h1	h2
50	2"	Φ152.4	Φ120.6	4	Φ19.05	8	4	(5/8")-11NC	10	47.75
65	2.5"	Φ177.8	Φ139.7	4	Φ19.05	8	-	(5/8")-11NC	10	-
80	3"	Φ190.5	Φ152.4	4	Φ19.05	8	4	(5/8")-11NC	10	50.8
100	4"	Φ228.6	Φ190.5	8	Φ19.05	8	8	(5/8")-11NC	10	50.8
125	5"	Φ254	Φ215.9	8	Φ22.35	8	8	(3/4")-10NC	10	57.15
150	6"	Φ279.4	Φ241.3	8	Φ22.35	8	8	(3/4")-10NC	12	57.15
200	8"	Φ342.9	Φ298.4	8	Φ22.35	8	8	(3/4")-10NC	12	69.85
250	10"	Φ406.4	Φ361.9	12	Φ25.4	12	12	(7/8")-9NC	12	69.85
300	12"	Φ482.6	Φ431.8	12	Φ25.4	12	12	(7/8")-9NC	12	76.2
350	14"	Φ533.4	Φ476.2	12	Φ28.6	12	12	1"-8NC	22	76.2
400	16"	Φ596.9	Φ539.7	16	Φ28.6	20	16	1"-8NC	22	88.9
450	18"	Φ635	Φ577.8	16	Φ31.7	20	16	(1 1/8")-7NC	22	88.9
500	20"	Φ698.5	Φ635	20	Φ31.7	28	20	(1 1/8")-7NC	20	114.3
600	24"	Φ812.8	Φ749.3	20	Φ35.0	28	20	(1 1/4")-7NC	20	114.3

