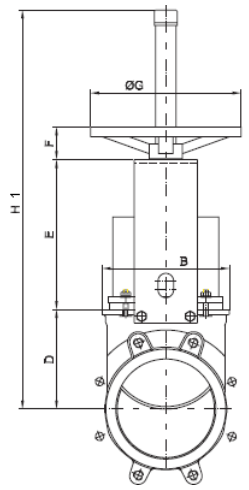
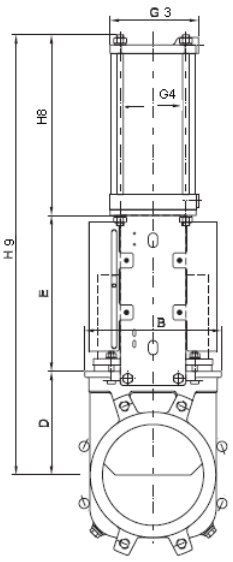
Everyvalve LTD
Cast Iron Knife Gate Valves

Cast Iron Type Manual

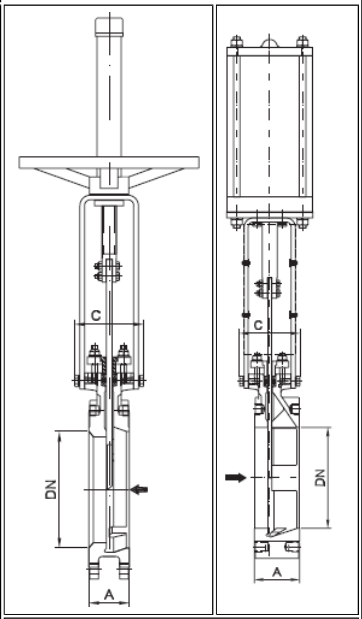


ND	A	B	C	D	E	F	Gr	H1	
50	40	124	90	105	135	45	200	420	
65	40	139	90	115	152	45	200	455	
80	50	154	90	124	168	45	200	473	
100	50	174	90	140	193	45	200	518	
125	50	180	104	150	217	50	250	602	
150	59	217	104	175	243	50	250	643	
200	60	270	119	205	345	57	310	854	
250	70	325	119	250	401	57	310	1037	
300	70	380	119	300	451	57	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	
600	110	714	196	590	763	64	550	2025	
700	110	834	292	686	890	65	800	2389	
800	110	1015	320	795	989	65	800	2697	
900	110	1040	320	900	1118	65	800	3031	
1000	110	1150	320	960	1220	65	800	3313	
1200	120	1254	349	1068	1330	71	959	3972	ORIENTATIVE
1400	138	1449	403	1234	1537	71	1109	4590	ORIENTATIVE
1600	249	1643	457	1399	1744	75	1258	5206	ORIENTATIVE
1800	261	1742	480	1469	1831	75	1384	5727	ORIENTATIVE
2000	287	1918	528	1616	2014	83	1522	6299	ORIENTATIVE
2200	316	2108	581	1778	2218	83	1674	6929	ORIENTATIVE
2400	344	2298	833	1938	2418	83	1825	7553	ORIENTATIVE

Cast Iron Type Pneumatic



ND	Cylinder	A	B	C	D	E	G3	G4	H8	H9	K	
50	80	40	124	90	105	135	86	90	170	410	1/4"BSP	
65	80	40	139	90	115	152	86	90	186	453	1/4"BSP	
80	80	50	154	90	124	168	86	90	204	496	1/4"BSP	
100	100	50	174	90	140	193	106	110	225	558	1/4"BSP	
125	125	50	180	104	150	217	132	135	268	635	1/4"BSP	
150	125	59	217	104	175	243	132	135	281	699	1/4"BSP	
200	180	60	270	119	205	345	167	170	358	909	1/4"BSP	
250	200	70	325	119	250	401	210	215	412	1063	3/8"BSP	
300	200	70	380	119	300	451	210	215	460	1211	3/8"BSP	
350	250	96	438	192	338	538	265	274	551	1427	3/8"BSP	
400	250	100	493	192	392	588	265	274	601	1581	3/8"BSP	
450	300	106	546	196	432	650	324	382	660	1742	1/2"BSP	
500	300	110	610	196	485	663	324	382	710	1858	1/2"BSP	
600	300	110	714	196	590	763	324	382	810	2163	1/2"BSP	
700	350	110	834	292	686	890	374	436	970	2546	1/2"BSP	
800	350	110	1015	320	795	989	374	436	1070	2854	1/2"BSP	
900	400	110	1040	320	900	1118	430	515	1184	3202	1/2"BSP	
1000	400	110	1150	320	960	1220	430	515	1284	3404	1/2"BSP	
1200	400	120	1254	349	1068	1330	430	515	1480	3878	1/2"BSP	ORIENTATIVE
1400	400	138	1449	403	1234	1537	430	515	1680	4451	1/2"BSP	ORIENTATIVE
1600	400	249	1643	457	1399	1744	430	515	1880	5023	1/2"BSP	ORIENTATIVE
1800	400	261	1742	480	1469	1831	430	515	1680	5280	1/2"BSP	ORIENTATIVE
2000		287	1918	528	1616	2014	-	-	-	-	-	-
2200		316	2108	581	1778	2218	-	-	-	-	-	-
2400		344	2298	833	1938	2418	-	-	-	-	-	-



Manual Valve Data

ND	Face/ Face	Dia H/Whl	H	Wt Kg	Press Bar
50	40	200	420	8	10
65	40	200	455	9	10
80	50	200	473	10	10
100	50	200	518	12	10
125	50	250	602	16	10
150	60	250	643	19	10
200	60	310	854	33	10
250	70	310	1037	51	10
300	70	310	1127	64	6
350	96	410	1340	105	6
400	100	410	1425	133	6
450	106	550	1635	171	5
500	110	550	1745	204	4
600	110	550	2025	245	4
700	110	800	2389	425	2
800	110	800	2697	536	2
900	110	800	3031	701	2
1000	110	800	3313	908	2
1200	120	959	3972	1100	2
1400	138	1109	4590		
1600	249	1258	5206		
1800	261	1384	5727	on application	
2000	287	1522	6299		
2200	316	1674	6929		
2400	344	1825	7553		

Typical Uses for review :-

Water	Waste	Slurry
Ash	Sludge	Bagasse
Food	Globules	Residues
Pulp	Sewerage	Mixtures
Slops	Mashes	Cereals
Offal	Fibers	Powders
Pastes	Linters	Suspensions

Stuffing Box is Standard.

Dust Spindle Cover is Standard.

Standard Model	EXCI
Body	Cast Iron
Blade	304 SS
Seat	EPDM Stnd Nitrile or Hard Seat
Operation	Hand Wheel
Fixation	Wafer Flange
Flange	NP 10
Finish	Blue Enamel

Special Model	EXSS
Body	CF8M SS
Blade	316 SS
Seat	EPDM Stnd Nitrile or Hard Seat
Operation	Hand Wheel
Fixation	Wafer Flange
Flange	NP 10
Finish	Body Self Finish Side Plates Blue Enamel

Optional extras for consideration of use:-
a) Resilient Seats EPDM Standard . (Nitrile per request)
b) Pneumatic Actuation (D. Actions)
c) Deflector Cones for grit/slurries
d) Extra Duty Resilient Seats
e) Extra Heavy Duty Model
f) Special Shaped Orifices

All dimensions in mm Price are on page 17 for Cast Iron Types. Data Sheets also with full details. Clients choice is final

PLEASE NOTE : Prices subject to change without prior notice.