

Wey Knife Gate Valve HD

2.12.00



PN 100

Product Description

Our experience has shown that high pressure valves are technically demanding and normally expensive to purchase. The Wey knife gate valve has proven that where reliability is an important factor, our high pressure design maintains a high standard. Dependability is especially important where abrasive media causes the seals to breakdown quickly, leading them to leak and become unserviceable before their time. Thanks to the seal design and the shape of the blade, the Wey knife gate valve is relatively insensitive to temperature changes. Another advantage of the type HD is the shorter face to face dimension, and the price advantage for sizes larger than DN 200.

Service Highlights

How this product can be especially well suited for your particular application:

Chemical/Petrochemical Industry:

- The Wey HD Valve is well suited for handling industry media such as drilling mud, return mud, low toxic oil, and seawater. The valve works especially well for variable liquid heads with fluid densities up to 1690 kg/m³.

Power Station Applications:

- The Wey HD Valve can handle applications with pure water.

Sewage Plant Applications:

- The Wey HD Valve can easily handle slurry liquids (sludge) with a 30 to 40% solids content.

General Applications:

- The Wey HD Valve is ideally suited for high pressure applications with a thick or dry media, and with nominal pressures of up to 100 bar, and temperatures of up to 250° C.

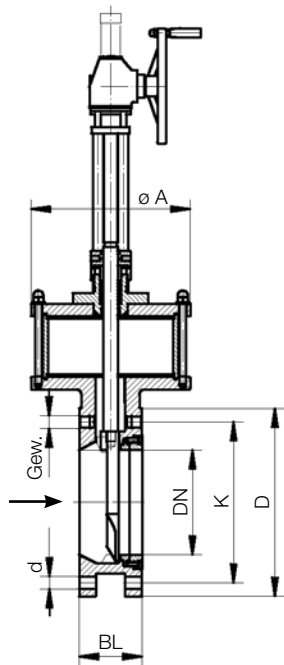
Valve Construction

Body	cast steel or stainless steel AISI 316
Valve plate	stainless steel AISI 304 or stainless steel AISI 316
Seals	PTFE
Operation	– handwheel operated type HDA – cylinder operated type HDC – electrically operated type HDE – hydraulically operated type HDH

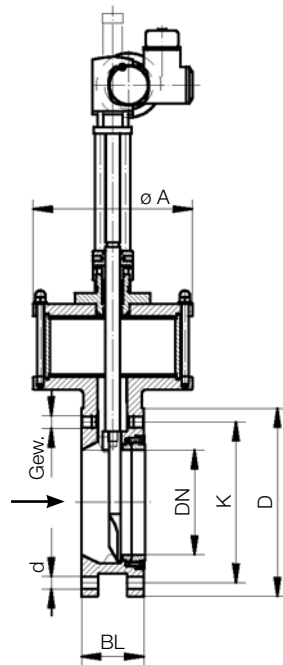
Features

- The valve has a compact and robust design ensuring a space-saving installation.
- The valve is not subject to deposit build-up, and has a self-cleaning action.
- The elastic seals are easily replaced. Replacement can be accomplished without a total dismantling and re-assembly.
- The valve has an automatic sealing effect. The higher the pressure, the better the seal.
- Full round bore opening with concentric internal construction permits cleaning by pipe pigging.

HDA



HDE



DN	PN	D	K	Qty screws	ø	d	BL	A
80	25/40	200	160	8	M16	18	100	205
	64	215	170	8	M20	22		
	100/160	230	180	8	M24	26		
100	25/40	235	190	8	M20	22	100	205
	64	250	200	8	M24	26		
	100/160	265	210	8	M27	30		
125	25/40	270	220	8	M24	26	100	255
	64	295	240	8	M27	30		
	100/160	315	250	8	M30	33		
150	25/40	300	250	8	M24	26	110	300
	64	345	280	8	M30	33		
	100/160	355	290	12	M30	33		
200	25	360	310	12	M24	26	140	340
	40	375	320	12	M27	30		
	64	415	345	12	M33	36		
	100/160	430	360	12	M33	36		

DN	PN	D	K	Qty screws	ø	d	BL	A
250	25	425	370	12	M27	30	150	380
	40	450	385	12	M30	33		
	64	470	400	12	M33	36		
	100	505	430	12	M36	39		
300	25	485	430	16	M27	30	160	420
	40	515	450	16	M30	33		
	64	530	460	16	M33	36		
	100/160	585	500	16	M39	42		
350	25	555	490	16	M30	33	210	560
	40	580	510	16	M33	36		
	64	600	525	16	M36	39		
	100	655	560	16	M45	48		
400	25	620	550	16	M33	36	250	620
	40	660	585	16	M36	39		
	64	670	585	16	M39	42		
	100	715	620	16	M45	48		



Individual and made-to-order
machining on flexible
machining center

Further products



Wey Sluice Gates



Wey Check Valves
(dirty water)



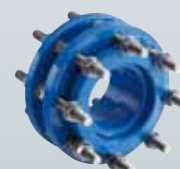
Wey Off-center
Butterfly Valves



Wey Check Valves
(clean water)



Centric Butterfly
Valves



Wey Dismantling
pieces

Your contact