

WEY PLATTENSCHIEBER DBC

WEY KNIFE GATE VALVE DBC

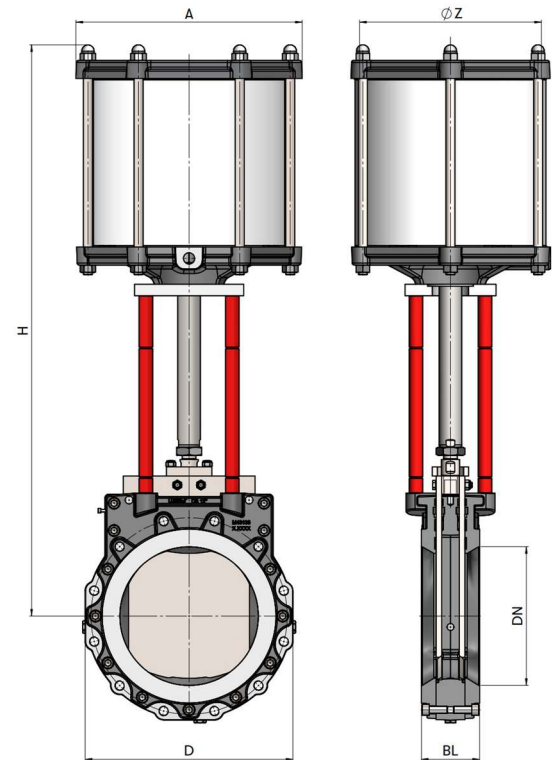


Datenblatt / Data sheet

2.54.250800_d_e

DN 80 – 400 / NPS 3" – 16"

- Antrieb / Actuation: Pneum. Zylinder / Pneum. cylinder
- Flanschbohrung / Flange drilling: ANSI B16.5-150
- Baulänge / Face-to-Face: Sonder / Special
- Nenndruck / Nominal pressure:
 - DN 80-300 / NPS 3"-12" 10 bar / 150 psi
 - DN 350-400 / NPS 14"-16" 6 bar / 90 psi
- Dichtheitsprüfung gemäss: EN 12266-1, Leckrate A
Leak test acc. to: EN 12266-1, leak rate A
- Luftanschlüsse / Air connections
 - Ø100 – 200: ISO 228-G1/4
 - Ø250 – 300: ISO 228-G1/2
 - Ø400: ISO 228-G3/4



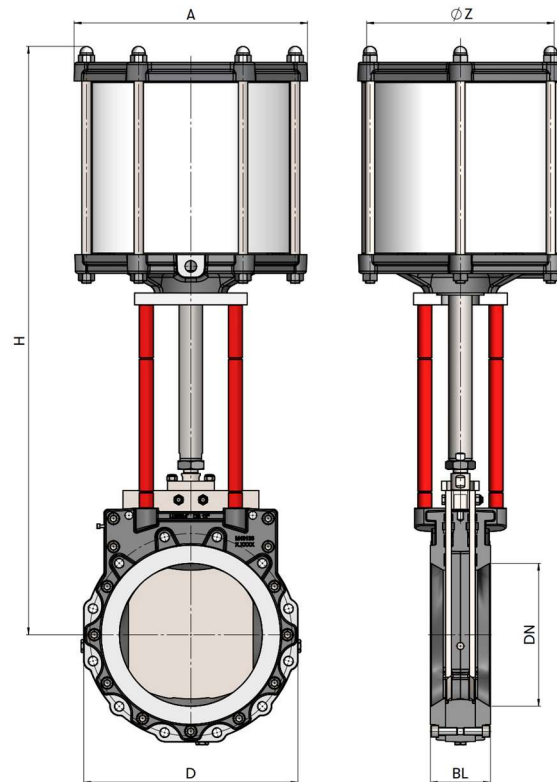
Generelle Abmessungen / General dimensions [mm]

DN	NPS	D	BL	Z	H	A	Gew. / lb.	DN	NPS	D	BL	Z	H	A	Gew. / lb.
[mm]	[in]	[mm]	[mm]	[mm]	[mm]	[mm]	[kg]	[mm]	[in]	[mm]	[mm]	[mm]	[mm]	[mm]	[kg]
80	3"	162	82	100	461	140	19	300	12"	457	128	200	1155	220	147
				160¹	488	220	23					250	1187	270	156
100	4"	208	87	160¹	556	220	30					300	1185	320	165
				200 ¹	580	262	33					400	1255	498	209
150	6"	263	100	160	708	180	48	350	14"	510	135	250	1333	270	194
				200	732	220	51					300	1331	320	203
				250	764	270	59					400	1401	498	249
200	8"	316	113	160	861	180	63	400	16"	580	148	250	1470	270	239
				200	885	220	67					300	1468	320	249
				250	917	270	75					400	1538	498	296
				300 ¹	920	380	86								
250	10"	390	120	200	1019	220	98	¹ Zylinder um 45° gedreht / Cylinder rotated by 45°							
				250	1051	270	107								
				300¹	1049	380	115								
				400 ¹	1119	483	158								

Maximaler Arbeitsdruck ist abhängig von Mediumskategorie. Fett markierte Antriebe für max. Arbeitsdruck 10 bar / 6 bar bei Medium 1.
Masse gem. Tabelle. Alle Angaben unverbindlich. Änderungen vorbehalten.

Maximum working pressure depends on the medium category. Actuators marked in bold for max. working pressure 10 bar / 6 bar for medium 1.
All dimensions acc. to table. All information non-binding.

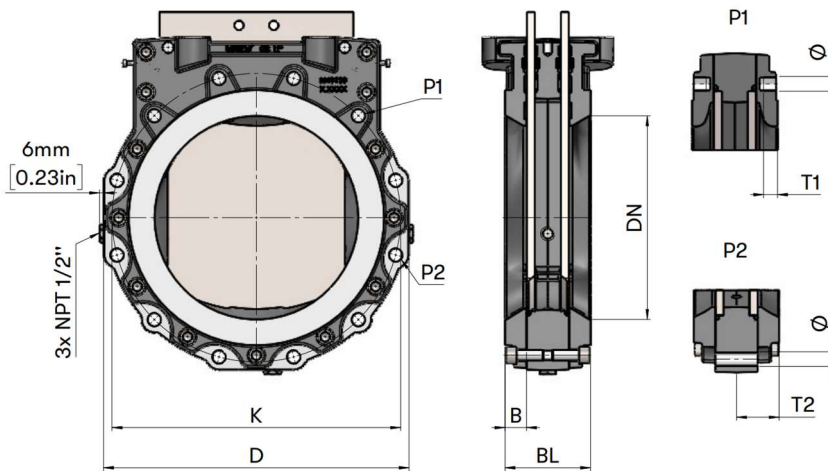
Generelle Abmessungen / General dimensions [in]



DN	NPS	D	BL	Z		H	A	Gew. / lb.	DN	NPS	D	BL	Z		H	A	Gew. / lb.	
[mm]	[in]	[in]	[in]	[mm]	[in]	[in]	[in]	[lbs]	[mm]	[in]	[in]	[in]	[mm]	[in]	[in]	[in]	[lbs]	
80	3"	6.38	3.23	100	3.94	18.15	5.52	19	300	12"	17.99	5.04	200	7.87	45.47	8.66	147	
				160 ¹	6.3 ¹	19.21	8.66	23					250	9.96	46.73	10.63	156	
100	4"	8.19	3.43	160 ¹	6.3 ¹	21.89	8.66	30					300	11.95	46.65	12.6	165	
				200 ¹	7.87 ¹	22.83	10.31	33					400	15.94	49.41	19.61	209	
150	6"	10.35	3.94	160	6.3	27.84	7.09	48	350	14"	20.08	5.31	250	9.96	52.48	10.63	194	
				200	7.87	28.82	8.66	51					300	11.95	52.4	12.6	203	
				250	9.96	30.08	270	59					400	15.94	55.16	19.61	249	
200	8"	12.44	4.45	160	6.3	33.9	7.09	63	400	16"	22.83	5.83	250	9.96	57.87	10.63	239	
				200	7.87	34.84	8.66	67					300	11.95	57.8	12.6	249	
				250	9.96	36.1	10.63	75					400	15.94	60.55	19.61	296	
				300 ¹	11.95 ¹	36.22	14.96	86										
250	10"	15.35	4.72	200	7.87	40.12	8.66	98	¹ Zylinder um 45° gedreht / Cylinder rotated by 45°									
				250	9.96	41.38	10.63	107										
				300 ¹	11.95 ¹	41.3	14.96	115										
				400 ¹	15.94 ¹	44.06	19.02	158										

Maximaler Arbeitsdruck ist abhängig von Mediumskategorie.
Fett markierte Antriebe für max. Arbeitsdruck 10 bar / 6 bar
bei Medium 1.
Masse gem. Tabelle. Alle Angaben unverbindlich. Änderungen
vorbehalten.

Maximum working pressure depends on the medium category.
Actuators marked in bold for max. working pressure 10 bar / 6
bar for medium 1.
All dimensions acc. to table. All information non-binding.



Flanschabmessungen / Flange dimensions [mm/in]

ANSI B16.5-150										
DN / NPS		D	BL	B	K	Ø	T1 (P1)		T2 (P2)	
[mm]	[in]	[mm]	[mm]	[mm]	[mm]	UNC	[mm]	[Anz./Qty.]	[mm]	[Anz./Qty.]
80	3"	162	82	22.75	152.4	5/8	-	-	40	4
100	4"	208	87	22.75	190.5	5/8	21	2	43	6
150	6"	263	100	24.75	241.3	3/4	24.5	2	49	6
200	8"	316	113	31.25	298.5	3/4	31	2	56	6
250	10"	390	120	30.25	362	7/8	30	4	59	8
300	12"	457	128	32.25	431.8	7/8	21	4	63	8
350	14"	509	135	31.25	476.3	1	19	4	67	8
400	16"	579	148	37.75	539.8	1	22	4	73	12
450	18"	623	157	35.75	577.9	1 1/8	25	6	78	10
500	20"	683	184	47.25	635	1 1/8	33	6	92	14
600	24"	796	192	43.25	749.3	1 1/4	30	8	95	14

ANSI B16.5-150										
DN / NPS		D	BL	B	K	Ø	T1 (P1)		T2 (P2)	
[mm]	[in]	[in]	[in]	[in]	[in]	UNC	[in]	[Anz./Qty.]	[in]	[Anz./Qty.]
80	3"	6.38	3.23	0.9	6	5/8	-	-	1.57	4
100	4"	8.19	3.43	0.9	7.5	5/8	0.83	2	1.69	6
150	6"	10.35	3.94	0.97	9.5	3/4	0.97	2	1.93	6
200	8"	12.44	4.45	1.23	11.75	3/4	1.22	2	2.2	6
250	10"	15.35	4.72	1.18	14.25	7/8	1.18	4	2.32	8
300	12"	17.99	5.04	1.27	17	7/8	0.83	4	2.48	8
350	14"	20.04	5.31	1.23	18.75	1	0.75	4	2.64	8
400	16"	22.36	5.83	1.49	21.25	1	0.87	4	2.87	12
450	18"	24.53	6.18	1.41	22.75	1 1/8	0.98	6	3.07	10
500	20"	26.89	7.27	1.86	6	1 1/8	1.3	6	3.62	14
600	24"	31.34	7.56	1.7	7.5	1 1/4	1.18	8	3.74	14

P1 Position Flanschbohrungen im Brustbereich / Position flange holes in chest area

P2 Position Flanschbohrungen **ausserhalb** Brustbereich / Position flange holes **outside of** chestarea