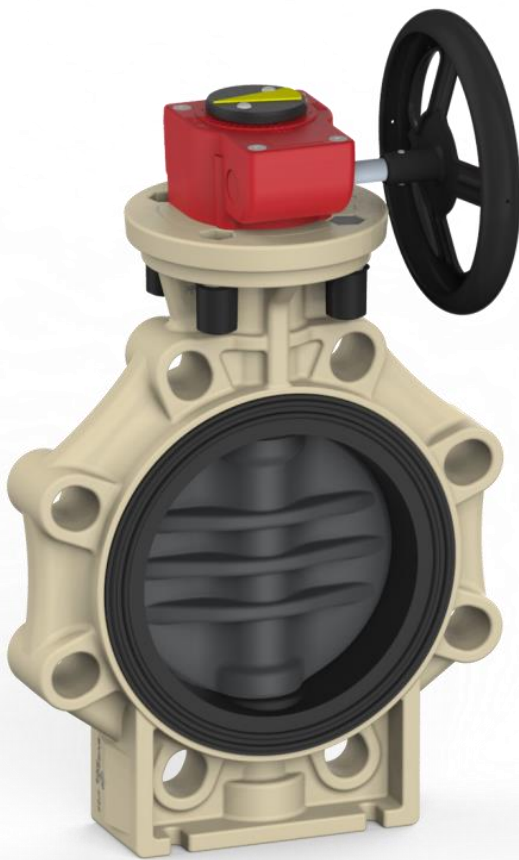


Butterfly valve K4 with hand wheel



General:

- Sealing materials: EPDM
FPM
- Body material: PP-GF
- Flap materials: PVC-U, PP-H, PVDF
- Dimensionen: DN65 – DN200
d75 – d225
2 1/2" – 8"
- Flange standards: DIN 2501 PN10
ANSI B 16,5 Class 150
JIS 10 K [for DN65-DN150 only*]
BS Table D&E
- Additional connections: DN65/d63 PVC-U
DIN 2501 PN10

* for mounting between JIS-Flanges DN200 please contact us

Operating pressure:

PVC-U, PP-H, PVDF PN10

Technical

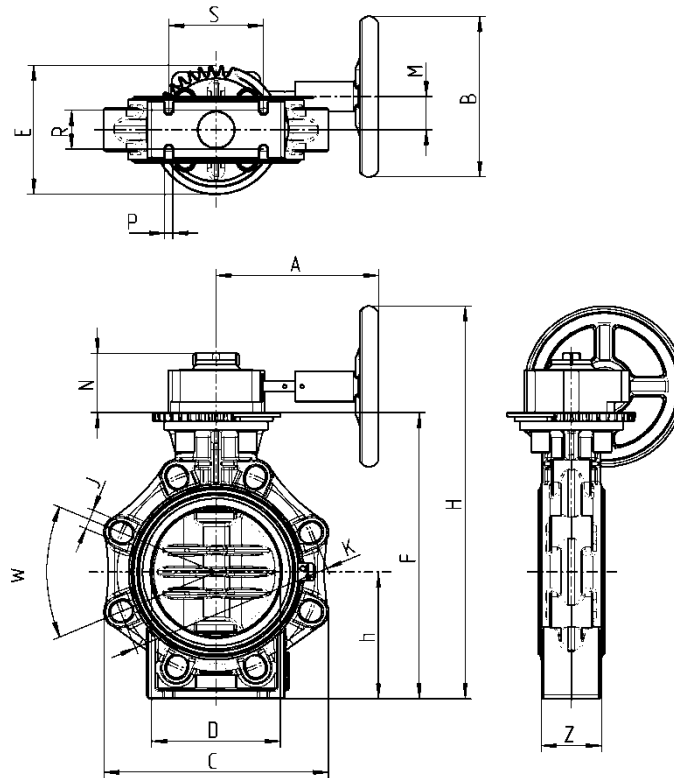
- only sleeve gasket and disc in touch with medium
- double sealed shaft
- integrated bracket for fix point mounting
- variable locking positions
90° ±5° adjustable
- fixed position of the disc due to self-locking gear mechanism
- smooth running of gear wheel due to high coefficient worm gear
- less space needed compared to hand lever
- gear protection IP67
- Ambient temperature range for gear mechanism
-20°C bis +120°C
- Optional available with position feedback

This print contains no warranty promise, but it should give you some first information. The product range is extended continuously, therefore the versions and types correspond to the actual status of printing. Subject to technical modifications!

Butterfly valve K4 with hand wheel



Dimensions:



DN	65	80	100	125	150	200
D	75	90	110	140	160	225
G	2 1/2"	3"	4"	5"	6"	8"
W	90°	45°	45°	45°	45°	45°
J	19	19	19	23	23	23
K	127 – 145	146 – 160	175 – 190,5	209,5 – 216	234,5 – 241,5	290 – 298,45
K-DIN	145	160	180	210	240	295
K-ANSI	139,7	152,4	190,5	215,9	241,3	298,45
D	65	80	100	125	150	200
C	133	176	206	234,5	261	314
Z	46	49	56	64	70	71
S	55	70	85	100	110	145
R	25	30	35	45	45	40
P	7	9	9	9	9	9
h	100	100	115	130	147,5	175
F	232	239	269	303,5	337,5	399,5
N	52	52	52	52	60	60
H	308	315	357,5	392	447,5	509,5
A	120	120	121	121	122	122
B	100	100	125	125	160	160
M	42,5	42,5	42,5	42,5	50	50
E	114	114	114	114	137	137

Dimensions in mm

© Praher Plastics Austria GmbH DB/DEEN/18/08/203/E Subject to change without prior notice!



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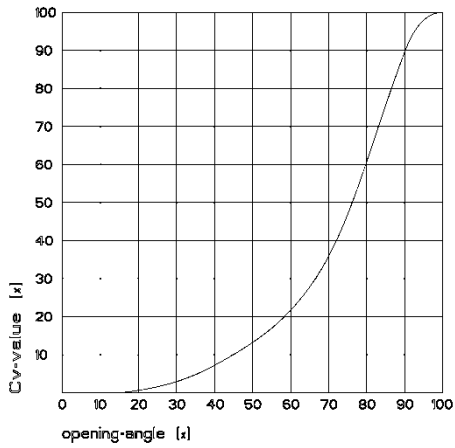


Butterfly valve K4 with hand wheel

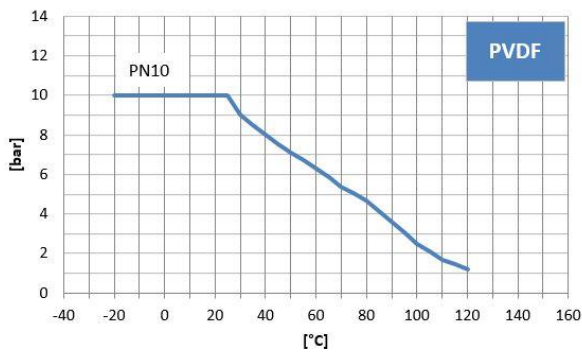
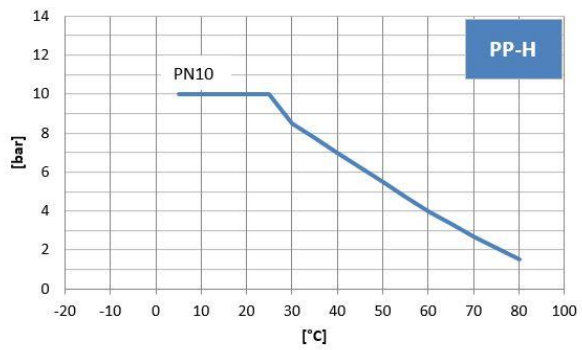
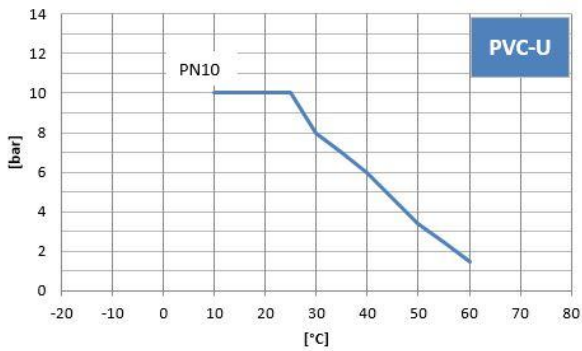


Diagrams:

Flow – characteristic



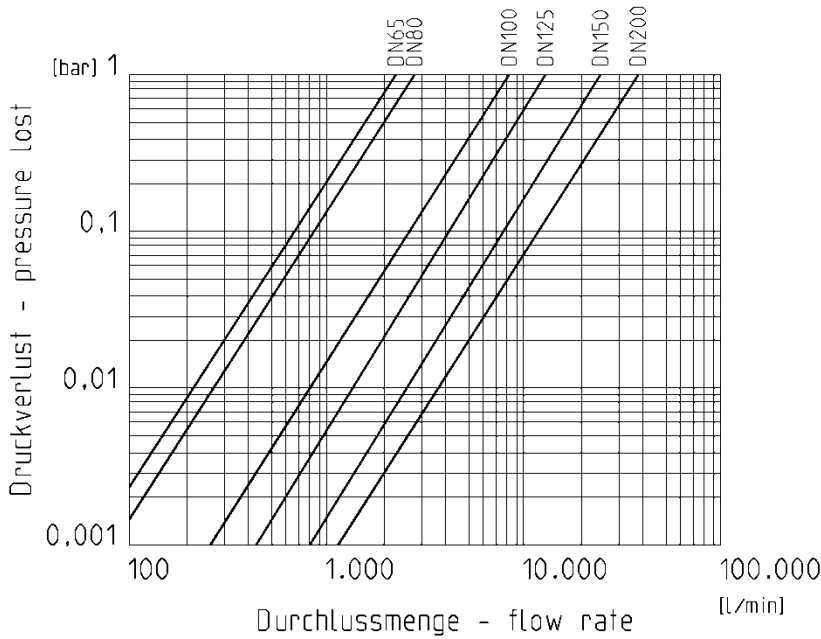
Pressure – Temperature – Diagrams



Butterfly valve K4 with hand wheel



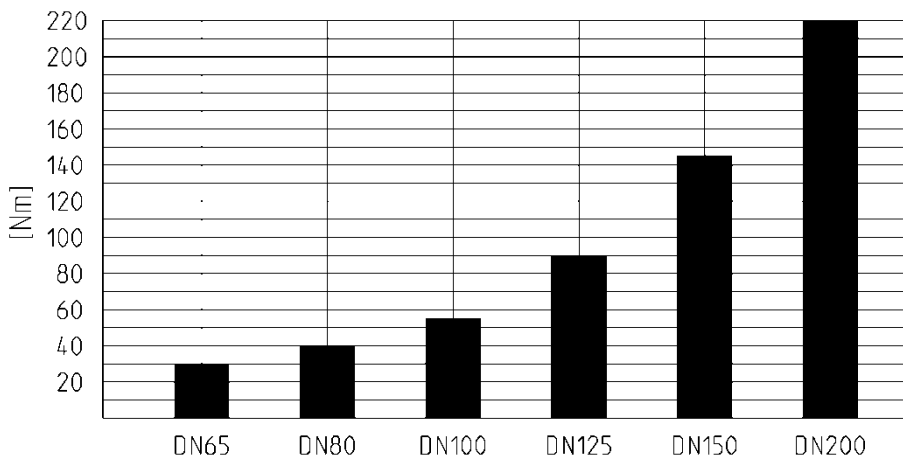
Pressure – loss - diagram



Cv value table

Druckverlust t	DN65	DN80	DN100	DN125	DN150	DN200
0,001 bar	73 l/min	88 l/min	260 l/min	433 l/min	805 l/min	1.200 l/min
1 bar	2.300 l/min	2.800 l/min	8.200 l/min	13.700 l/min	25.500 l/min	38.000 l/min

Torque



Tightening torque for screws for flange connections

DN	65	80	100	125	150	200
Nm	15	18	20	30	40	55



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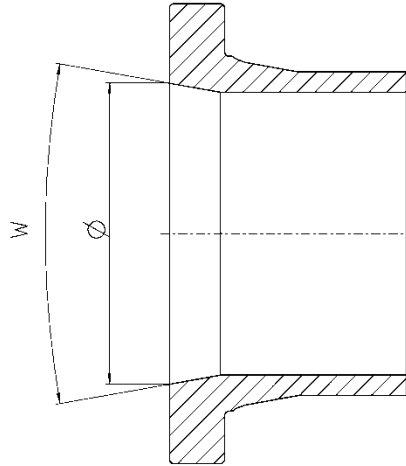
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Butterfly valve K4 with hand wheel

Installation in piping:

For a correct and complete opening of the flap, it is necessary that the used sockets and stub flanges have at least an inner diameter according to the table.



DN	d	Ø (mm)	w (°)
DN50*	d63*	60	40
DN65	d75	60	40
DN80	d90	77	40
DN100	d110	96,5	40
DN125	d140	121,5	40
DN150	d160	146,5	40
DN200	d225	203	40

* Suitable only for **DIN** DN50 d63 sockets and stub flanges.