

2 way ball valve S4 with adapter set



General:

- Material: PVC-U / PP / PVDF
- Seal materials: EPDM / FPM
- Ball seating joint: PTFE
- Dimensions: DN10 – DN80
d16 – d110
3/8" – 4"

Connections:

- Solvent Socket
PVC DIN / ASTM / JIS
- Solvent spigot
PVDF DIN
- Threaded socket
PVC BSP
- Flange
PVC / PP-GFK DIN / ANSI / JIS / BS
- Fusion socket
PP / PVDF DIN
- Fusion spigot
PP / PVDF DIN

Operating pressure:

DN10 d16 3/8" – DN65 d75 d2 1/2"	PN16/10
DN80 d90 3"	PN10/6
DN80 d110 4"	PN6

Technical features:

- radial installation or removal
- double sided blocked ball
- machined ball
- full section area of flow (nominal bore)
- floating ball

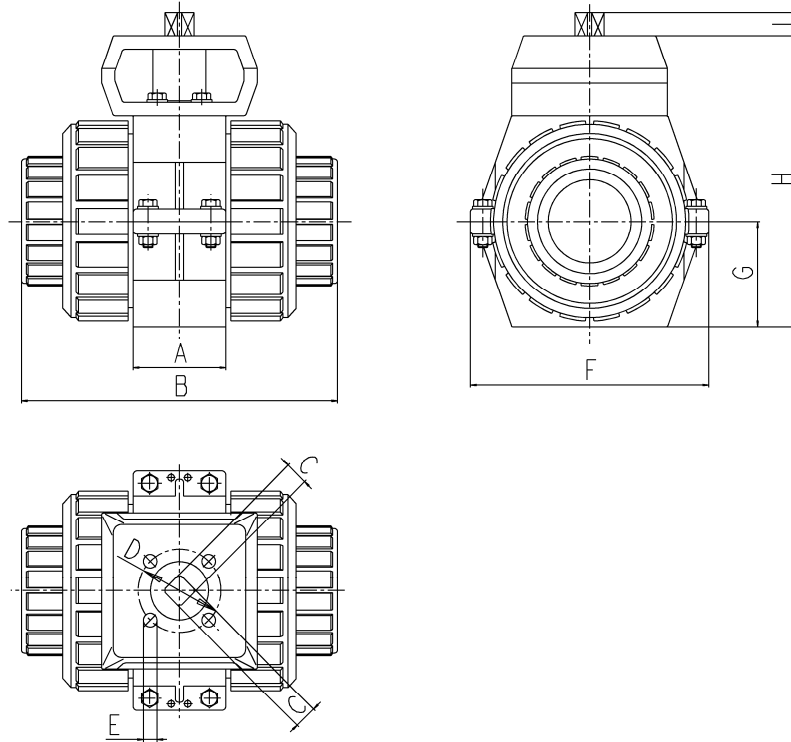
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Dimensions:



DN	10	15	20	25	32	40	50	65	80	80
d	16	20	25	32	40	50	63	75	90	110
G	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
A	36	36	36	36	56	56	56	78	78	78
B	100,2	100,2	115	125	143	167	197	237	293	301
C	11	11	11	11	14	14	14	17	17	17
D	42	42	42	42	50	50	50	70	70	70
E	5,5	5,5	5,5	5,5	6,5	6,5	6,5	9	9	9
F	113	113	113	113	144	144	144	204	204	204
G	33	33	40	43	51	56	64	85	100	100
H	104	104	118	124	150	160	176	242,5	272,5	272,5
I	11	11	11	11	13	13	13	18	18	18
PN PVC	16	16	16	16	16	16	16	16	10	6
PN PP	10	10	10	10	10	10	10	10	6	6
PN PVDF	16	16	16	16	16	16	16	16	10	6

Dimensionen in mm

- Dimensions may differ slightly in material!

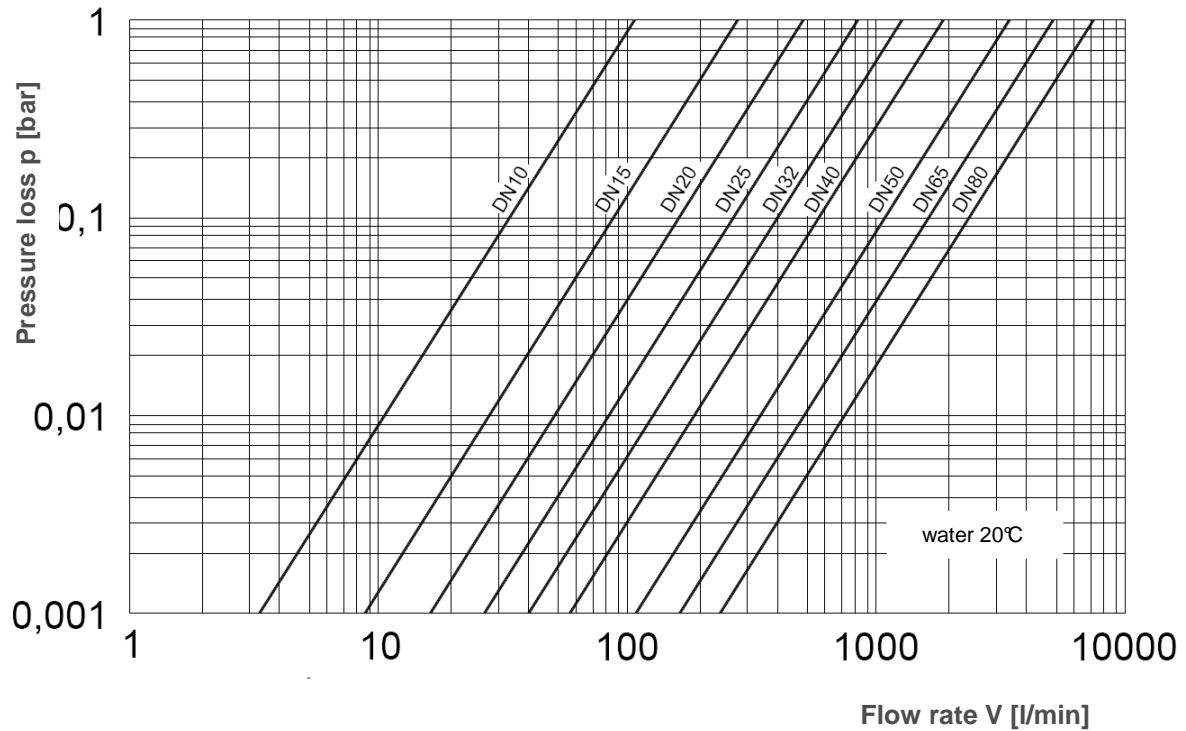


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Diagrams:

Pressure loss diagram



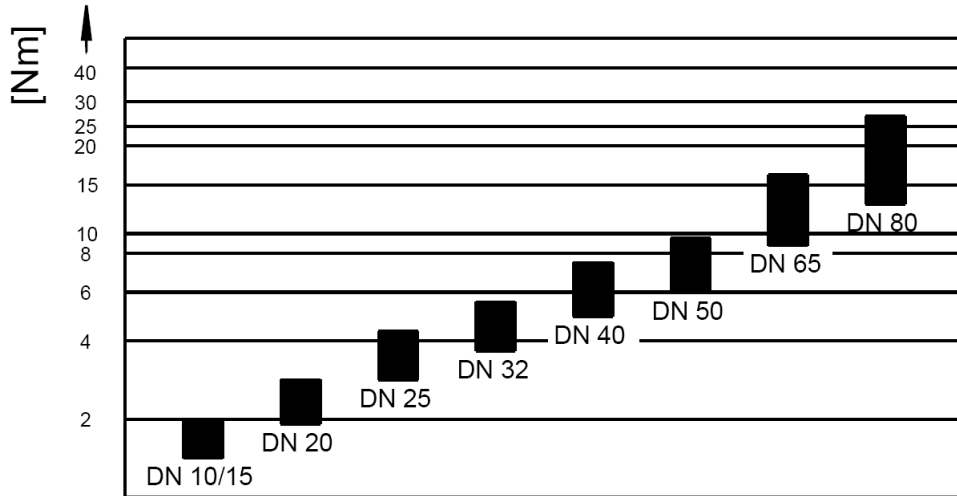
Kv value table		
Pressure loss	1 bar	0,001 bar
DN10	107 l/min	3,4 l/min
DN15	278 l/min	8,8 l/min
DN20	509 l/min	16,1 l/min
DN25	843 l/min	26,7 l/min
DN32	1269 l/min	40,1 l/min
DN40	1858 l/min	58,7 l/min
DN50	3424 l/min	110 l/min
DN65	5133 l/min	165 l/min
DN80	7455 l/min	240 l/min



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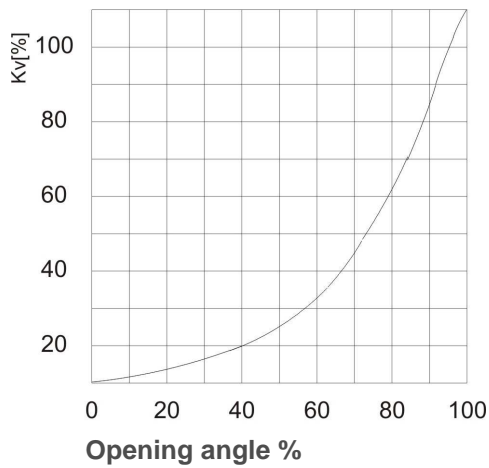


Torque

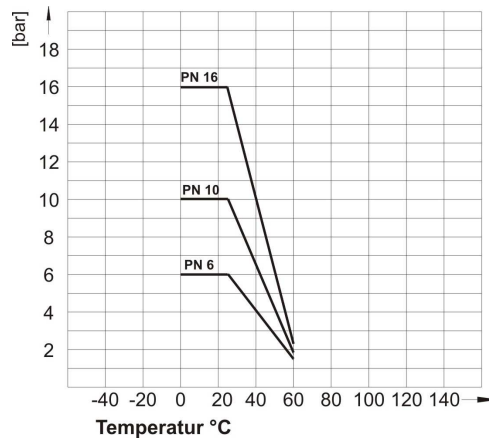


PVC

Flow characteristics

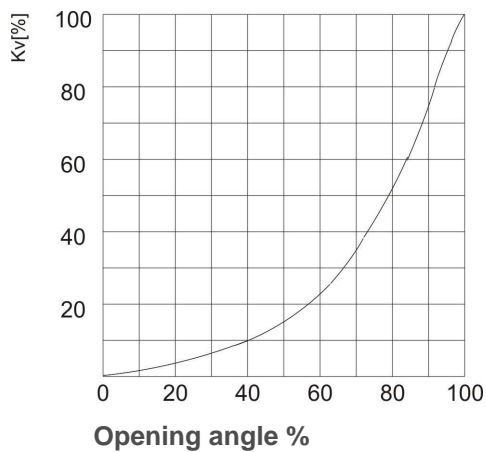


Pressure – Temperature – Diagram

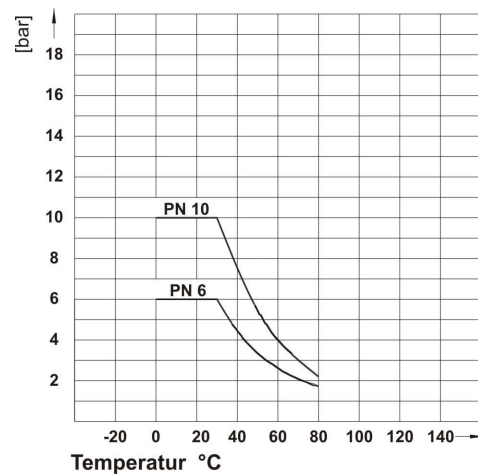


PP

Flow characteristics



Pressure – Temperature – Diagram

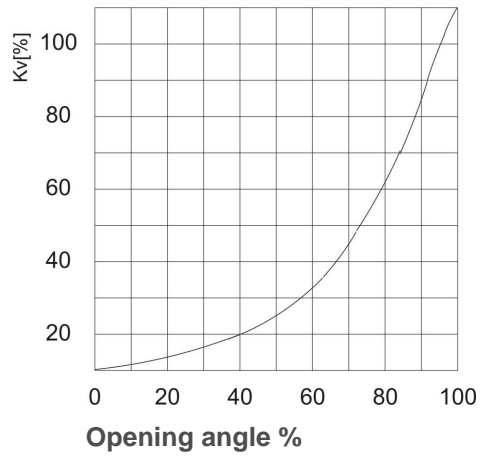


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PVDF

Flow characteristics



Pressure – Temperature – Diagram

