2 way ball valve S6
Electric actuator EO510 IND

PRAHER PLASTICS

General:

- Material: PVC-U
- Sealing material: EPDM
- Ball seating joint: PTFE
- Dimensions: DN32 – DN50
                                   d40 – d63
                                   1 1/4" – 2"
- Voltages: 24V AC
                                   12 – 24V DC

Connector types

- Solvent socket   DIN
  PVC

Operating pressure:

DN32 d40 1 1/4" – DN50 d63 2"   PN3

Technical features:

- Manual override with visual position indicator
- 4 possible travel stops
- Position feedback possible
- Protection class IP65

This document does not constitute a guarantee, it is for initial information purposes only. The product range is continually upgraded, the designs and types therefore only reflect the state of the art at the time of printing. Subject to technical modifications!

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Dimensions:
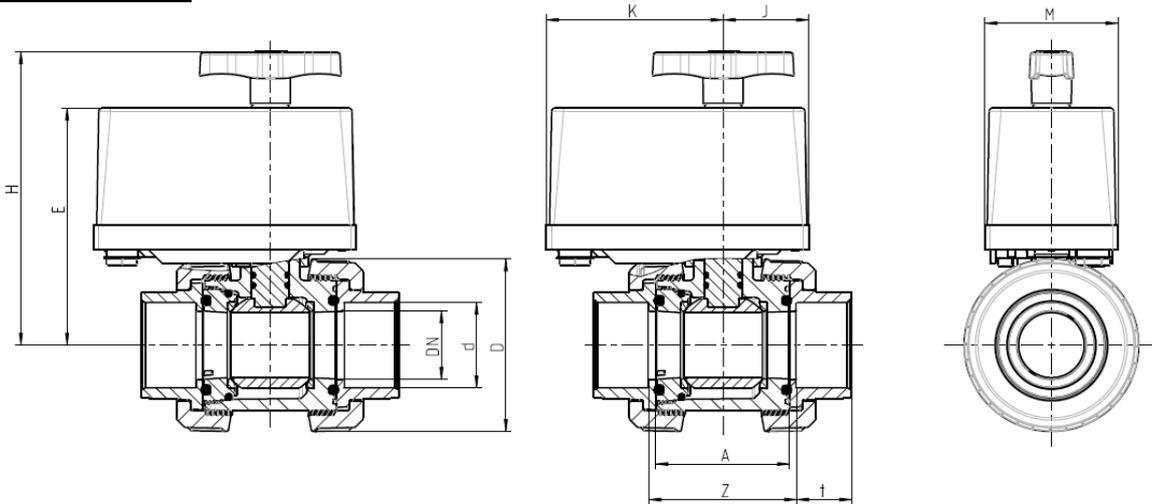
PVC-U
Connector types
PVC solvent socket

DN	32	40	50
d	**40**	**50**	**63**
A	77	77	87
D	101,5	101,5	115,3
t $_{sso}$[1]	26,5	31,5	38,5
Z	87	87	99
PN	3	3	3
E	138,5	138,5	143,5
H	172	172	177
M	77	77	77
J	49,5	49,5	49,5
K	102,5	102,5	102,5

(row labels "ball valve PVC-U" and "actuator" on left side)

dimensions in mm

[1] SSO = solvent socket

Exploded drawing:

1. EO510 ECO
2. 2 way ball valve S6
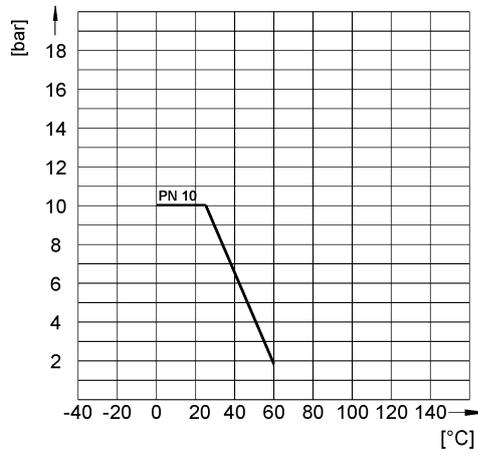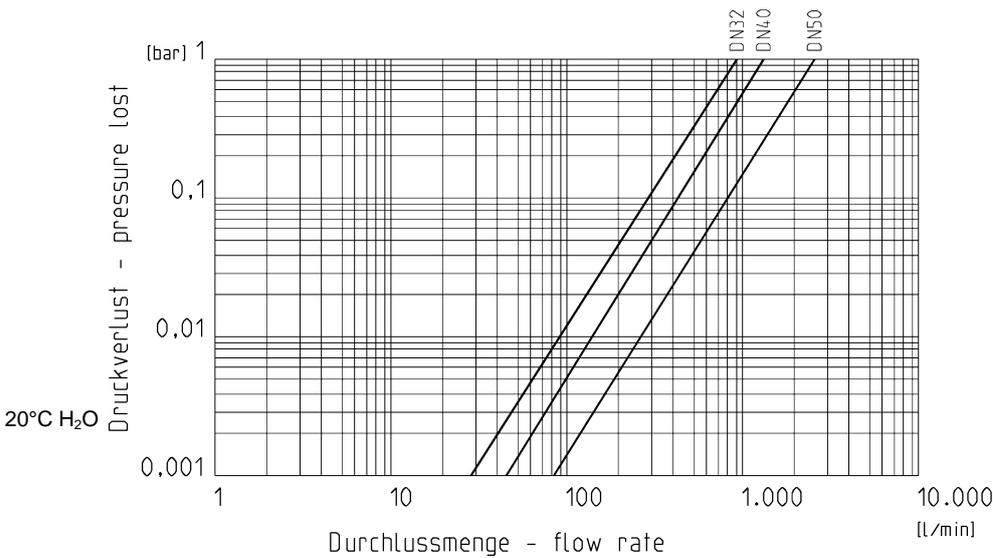
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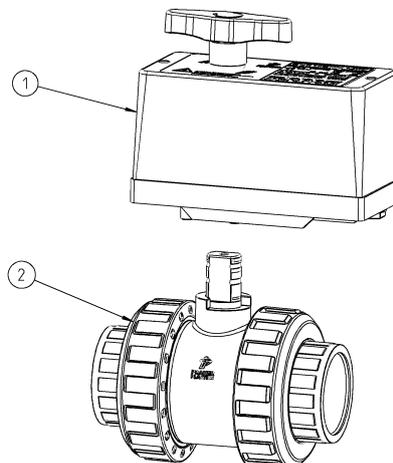
Diagrams:

Flow-Characteristic
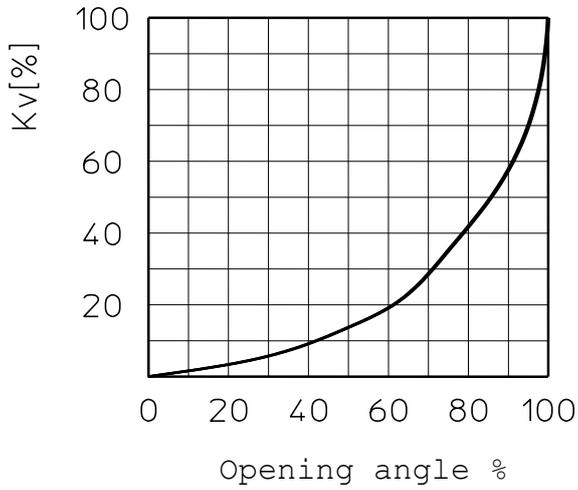
Pressure-Temperature-Diagram – PVC-U

Pressure loss – Diagram

20°C H₂O

Kv value

Pressure loss	DN32	DN40	DN50
0,001 bar	28,4	44,2	82,2
1 bar	900	1400	2600

l/min

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Technical data EO510 IND:

	EO510 IND-24V
Voltages	24V AC/DC
Frequency range	50/60 Hz
Power consumption	8 Watt max.
Protection	IP65
Operating time	14 sec 90°
Rotation angle	360° set to 90° 2 intermediate positions possible
Duty duration	60% / max. 20 min
Electrical connection	Plug 3P+E DIN EN17530 1 -803
Nominal torque	7 Nm
Peak torque	9 Nm
Temperature	0°C bis + 50°C
Body material	ABS
Position indicator	optically (manual override handle)
Manual override	integrated

Electrical connection:

2W KH EO510

| 3 | 4 | 5 | 6 | | 11 | 12 | 13 | 14 | 15 |

POS2   POS1

POS2 max. 0,5A   POS1 max. 0,5A

Spannung lt. Typenschild
Voltage shown on type plate

L1(+)
N (-)