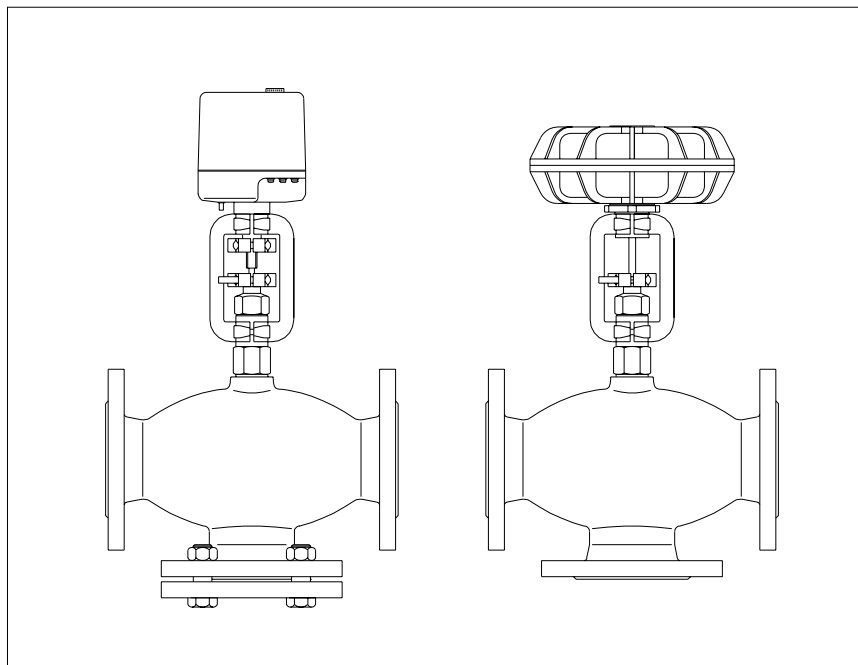


# Control valve 340/342/347

2/3-way valve with electric or pneumatic actuator

Datasheet 5:1e



## Technical specifications

### Media

Liquids, gases and steam

### Pressure rates

Type B, BKSS      PN16/25  
Type BK              PN40

### Valve sizes

DN 15 - 125

### Temperature

Type B              max 240°C/10 bar  
Type BK              max 350°C/23 bar  
Type BKSS          max 350°C/8 bar

### Material

Type B, BKSS  
Housing in nodular iron GGG 40.3  
Type BK  
Housing in cast steel GS-C25  
Trims in stainless steel No. 1.4021

### Spindle sealing

Springloaded PTFE-rings  
Graphiterings (option)

### Leakage

<0,004% of kv-value

### Characteristics

Linear  
Equal percentage (option)

Controlvalve 340/342/347 is used for controlling liquids, gases, steam. The valve is available in following types:

**340** two-way valve

**342** three-way valve (2% leakage in way B)

**347** three-way valve (tight B-way)

**B** = standard type

**BK** = with extension, for max 350°C

**BKSS** = with extension, with bellowssealed spindle

Actuators	Accessories el.actuator	Accessories pneum. actuator
Electric type E02 och E40 220/110/24V	Potentiometer Limit switches Feedback card 1017	Pneumatic positioner I/P-positioner Filter and reducingstation
Pneumatic type P21	Analog input card 1020	Solenoid valve Limit switches

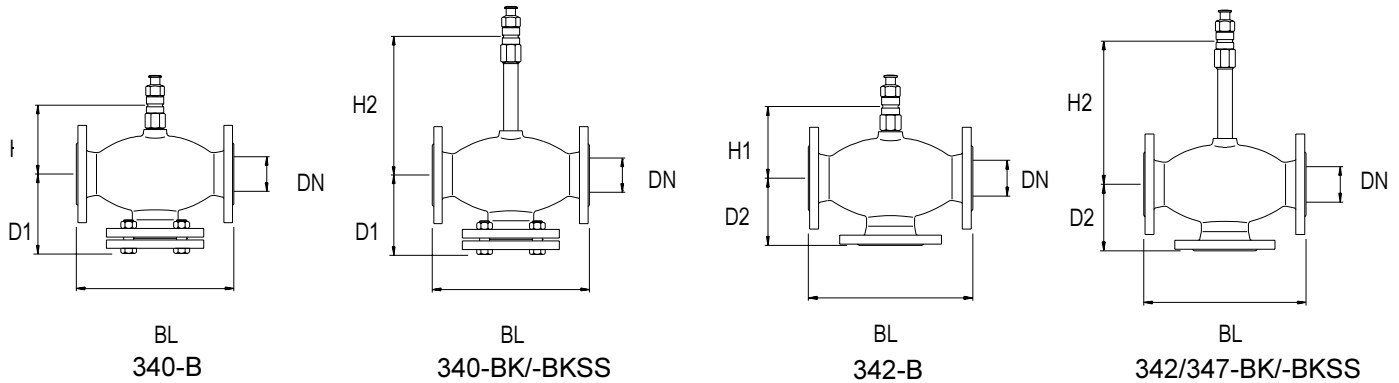
Kv-values												
DN	15			20	25	32	40	50	65	80	100	125
Kv	2	3	5,6	6,3	9	16	25	36	63	105	130	200
Seat ø	22			22	25	32	40	50	65	80	100	125
Stroke	12						22					

# Control valve 340/342/347

## Datasheet 5:1e

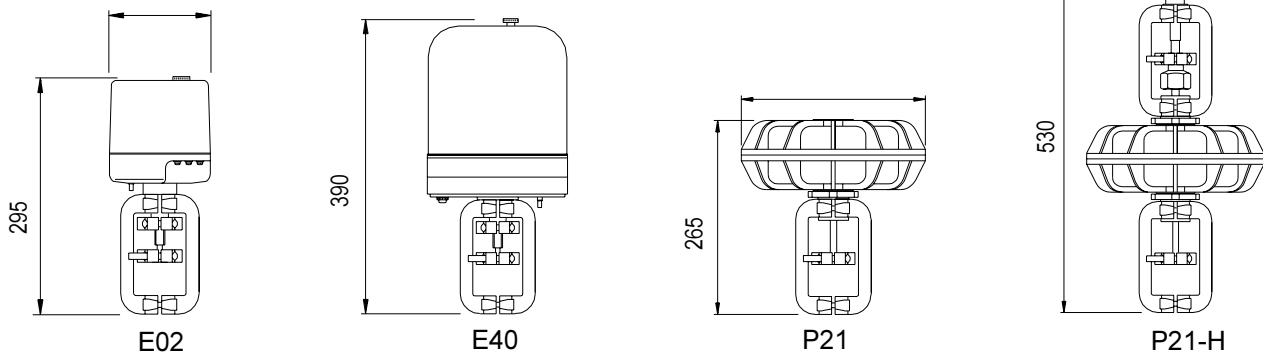
### Dimension drawings

#### Valves

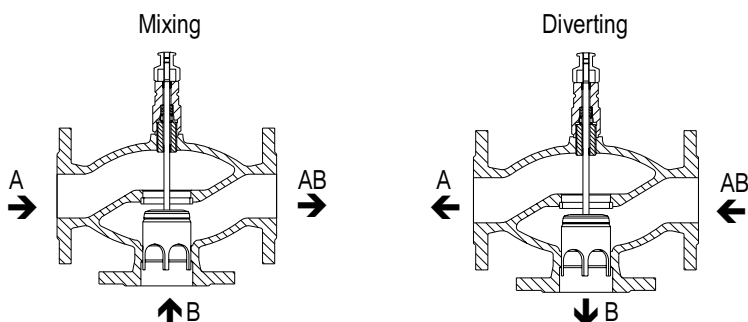


DN	15	20	25	32	40	50	65	80	100	125
BL	130	150	160	180	200	230	290	310	350	400
D1	111	113	113	130	135	147	159	166	189	243
D2	85	85	85	100	105	115	125	130	150	200
H1	109	109	109	104	114	124	144	154	169	189
H2	320	320	320	282	280	276	270	270	265	255
Vikt 340	6,5	7,7	8,5	12	14,3	19	29	34	45	70
Vikt 342	5,7	6,6	7,2	10,2	12,2	16	25	29	39	61

#### Actuators



#### Flow direction



Three-way valves should be installed as mixing valves so that the cone closes against flow direction (way A) to prevent instability in the conespindle. When used as diverting valve the differential pressure should not exceed 0,6 bar.

Two-way valves are always installed with the flow in through way A and out through way AB.