

**Bälz-electrodyn - control valves and control actuators**

**3.14 Valve serie baelz 358 and 359**

**Checklist:**

ND 15 - 65  
 NP 63 / 100 / 160  
 standard body:  
 ND 15-25 : C22.8 or 13CrMo4-5  
 ND 32-65 : GP240GH or G17CrMo5-5  
 temperatures:  
 min.: -10°C  
 max.: 350°C  
 higher temperature on request

\*1

electric actuator  
 see 373-EXX page 81 - 90

\*2

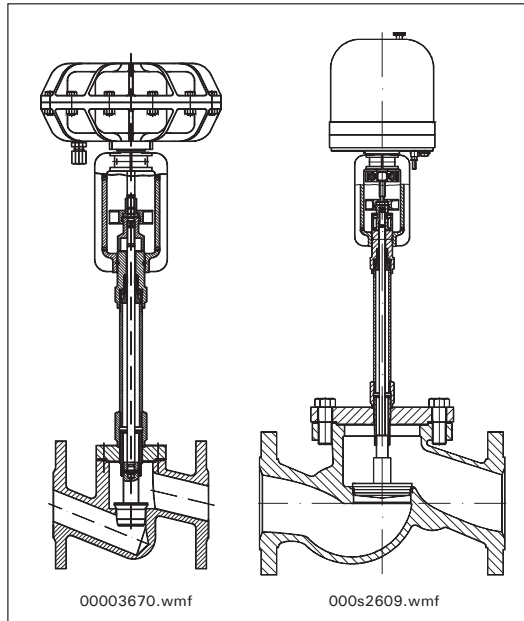
pneumatic actuator  
 see 373-PXX page 104 - 110

\*3

available Kvs values  
 see page 5

\*4

pressure  $\Delta p_0$   
 see page 7 - 9



**Fig. 49**  
 358-K-373-P21

359-K-373-E40



358-K-373-E60  
 -DN50-PN160.JPG  
**Fig. 50**  
 358-K with 373-E60

ND	15	20	25	32	*3
Kvs	3,8	6,5	9,3	14	
ND	40	50	65		
Kvs	23	40	63		

**Text for quotations + orders:**

**2-way control valve baelz 358-K**  
**NP 63/100/160**  
 without actuator\*1\*2  
 Kvso = 0.004%  
 body material  
 ND 15 - 25 : 13CrMo4-5 -1.7335  
 (13CrMo44)  
 ND 32 - 50 : G17CrMo5-5 - 1.7357  
 (GS-17CrMo55)  
 internal parts : stainless steel  
 spindle-Ø : 10 mm  
 stuffing box : V-rings in PTFE  
 NP 63 max. : 350°C/61 bar - 300°C/63 bar  
 NP 100 max. : 350°C/95 bar - 300°C/100 bar  
 NP 160 max. : 350°C/153 bar - 300°C/160 bar  
 stroke ND 15 – 25 : 12 mm  
 ND 32 – 65 : 22 mm  
 flow : .....  
 pressure drop  
 $\Delta p_{100}$  : ..... bar  
 max. closing pressure\*4  
 $\Delta p_0$  : ..... bar

**Text for quotations + orders:**

**2-way control valve baelz 359-K**  
**NP 63/100/160**  
 without actuator\*1\*2  
 Kvso = 0.004%  
 body material  
 ND 15 - 25 : P250GH -1.0460 (C 22.8)  
 ND 32 - 50 : GP240GH -1.0619 (GS-C 25)  
 internal parts : stainless steel  
 spindle-Ø : 10 mm  
 stuffing box : V-rings in PTFE  
 NP 63 max. : 350°C/36 bar - 120°C/63 bar  
 NP 100 max. : 350°C/56 bar - 120°C/100 bar  
 NP 160 max. : 350°C/90 bar - 120°C/160 bar  
 stroke ND 15 - 25 : 12 mm  
 ND 32 - 50 : 22 mm  
 flow : .....  
 pressure drop  
 $\Delta p_{100}$  : ..... bar  
 max. closing pressure\*4  
 $\Delta p_0$  : ..... bar

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