

Bälz-electrodyn - control valves and control actuators

4.6 Valve serie baelz 353 and 354

Stainless steel 3-way valve baelz 353 and 354

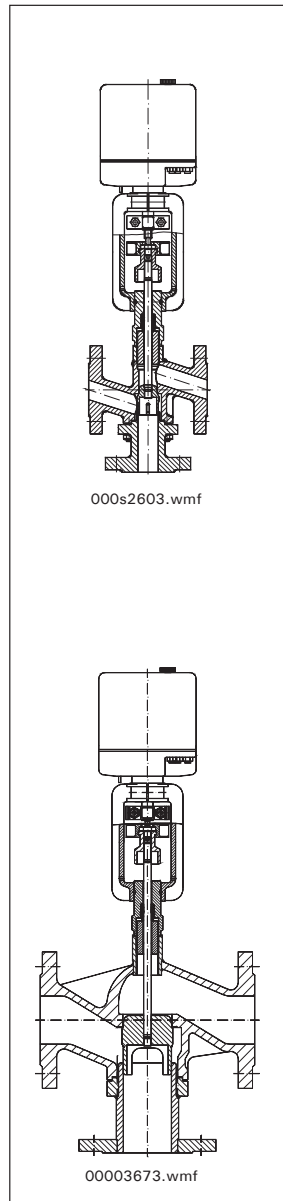
Checklist: 353
 ND: 15 - 25
 NP: 16 / 25 / 40
 standard body:
 X6CrNiMoTi17-12-2 (1.4571)
 temperatures:
 min.: -10°C
 max.: +240°C
 spindle Ø: 10 mm

Checklist: 354-VA
 ND: 32 - 125
 NP: 16 - 40
 standard body:
 GX5CrNiMo19-11 (1.4408)
 temperatures:
 min.: -10°C
 max.: +240°C
 spindle Ø: 10 mm



354-E40-DN125.JPG

Fig. 68
 354-373-E40



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00003673.wmf

Fig. 69
 353-373-E02
 354-373-E02

Text for quotations + orders:

3-way control valve in stainless steel
baelz 353 NP 16/25/40
 without actuator*1*2
 trough-way (A-AB) Kvso = 0.004%
 angle-way (B-AB) Kvso = 0.004%
 body material : X6CrNiMoTi17-12-2 - 1.4571
 internal parts : stainless steel
 stuffing box : V-rings in PTFE
 temp./pressure : max. 240°C/30 bar - 120°C/40 bar
 stroke : 12 mm
 flow :
 pressure drop Δp_{100} : bar
 max. closing pressure for mixing valve*4
 (2 inlets / 1 outlet) Δp_o : bar
 max. closing pressure for diverting valve*4
 (1 inlet / 2 outlets) Δp_o : bar

Text for quotations + orders:

3-way control valve in stainless steel
baelz 354-VA NP 10 - 40
 without actuator*1*2
 trough-way (A-AB) Kvso = 0.004%
 angle-way (B-AB) Kvso = 0.004%
 body material : GX5CrNiMo19-11 - 1.4408
 internal parts : stainless steel
 stuffing box : V-rings in PTFE
 NP 16 max. : 240°C/10 bar - 100°C/13,5 bar
 20°C/16 bar
 NP 25 max. : 240°C/15,5 bar - 100°C/21,5 bar
 20°C/25 bar
 NP 40 max. : 240°C/25 bar - 100°C/34 bar
 20°C/40 bar
 stroke ND 32-125 : 22 mm
 flow :
 pressure drop Δp_{100} : bar
 max. closing pressure for mixing valve*4
 (2 inlets / 1 outlet) Δp_o : bar
 max. closing pressure for diverting valve*4
 (1 inlet / 2 outlets) Δp_o : bar

*1
 electric actuator
 see 373-EXX page 81 - 90

*2
 pneumatic actuator
 see 373-PXX page 104 - 110

*3

ND	15	20	25	32	40	50	65	80	100	125
Kvs	5,6	6,3	9	16	25	34	54	72	97	122

*3
 available Kvs values
 see page 5

*4
 pressure Δp_o
 see page 7 - 9