

Bälz-electrodyn - control valves and control actuators

4.5 Valve serie baelz 342-ES-AS, 342-ES-MS, 347-ES-AS, 347-ES-MS in stainless steel

Checklist:

ND: 25 + 50
 NP: 16 / 25 / 40
 body:
 GX3CrNiMo13-4 (1.4313)
 temperatures:
 min.: -10°C
 max.: +240°C or
 +350°C type K
 for hot oil / bellows type:
 type K-SS: 350°C
 spindle Ø: 10 mm
 342: 3-way valve,
 3rd-way B not tight
 347: 3-way, 3rd-way B tight

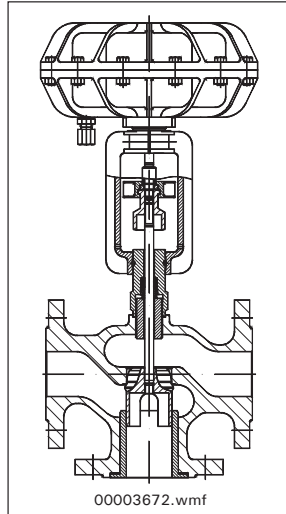


Fig. 66
 347-ES-373-P21

Text for quotations + orders:

3-way control valve in stainless steel
baelz 342-ES-AS NP 16/25/40
 without actuator*1*2
 trough-way (A-AB): Kvso = 0.004%
 angle-way (B-AB): Kvso = 2%
 body material : GX3CrNiMo13-4 - 1.4313
 internal parts in contact with the medium
 : X6CrNiMoTi17-12-2 - 1.4571
 stuffing box : V-rings in PTFE
 NP 16 max. : 240°C/14 bar - 120°C/16 bar
 NP 40 max. : 240°C/35 bar - 120°C/40 bar
 stroke ND 15 – 25 : 12 mm
 ND 32 – 125 : 22 mm
 flow :
 pressure drop Δp_{100} : bar
 max. closing pressure for mixing valve*4
 (2 inlets / 1 outlet) Δp_0 : bar
 max. closing pressure for diverting valve*4
 (1 inlet / 2 outlets) Δp_0 : bar

ND	25	50	*3
Kvs	9	36	



347-B-ES-DN50-P21.JPG

Fig. 67
 347-ES with 373-P21

*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 Δp_0
 see page 7 - 9