

Bälz-electrodyn - control valves and control actuators

4.4 Balanced 3-way valve for liquids baelz 347-B-EM

Checklist:
 ND: 50 - 300
 NP: 16 / 25
 standard body:
 GJS-400-18-LT (GGG 40.3)
 temperatures:
 min.: -10°C
 max.: +225°C
 spindle Ø: 10 mm
 S 21: ND 50 - 125
 spindle Ø: 22 mm
 S 31 / 41: ND 150 - 300

*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

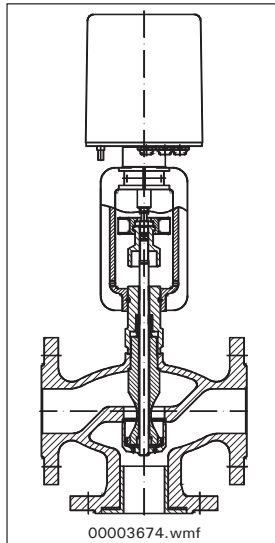


Fig. 64
 347-B-EM-373-E07

Text for quotations + orders:

**balanced 3-way control valve baelz 347-B-EM
 NP 16**

without actuator*1*2

Kvso = 0.05%

body material : GJS-400-18-LT – JS 1025
 (GGG 40.3)

internal parts : stainless steel

stuffing box : V-rings in PTFE

water : max. 225°C/13 bar - 120°C/16 bar

stroke ND 50 : 12 mm

ND 65 - 125 : 22 mm

ND 150 : 44 mm

ND 200 - 300 : 66 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

*3

ND	50	65	80	100	125	150	200	250	300
Kvs	36	63	105	130	200	360	580	960	1340



347-BB-EM-E60-DN200-1.JPG

Fig. 65
 347-BB-EM-373-E60

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