

OVERVIEW CONTROL EQUIPMENT



2-way valves, 3-way valves, ejectors for fluids and steam

CONTROL VALVES



2-way valves and 3-way valves for fluids and steam

2-WAY-VALVES

type baelz 185



media	pressure	nominal dimension	housing material	temperature
Steam superheated Steam saturated Water / hot water	16-40	15	Stainless steel (1.4571, 1.4408, 1.4313, 1.4021)	-50 to 350°C

type baelz 192



media	pressure	nominal dimension	housing material	temperature
Steam superheated Steam saturated	16 / 40	15 – 150	Ductile iron (JS1025)	-50 to 240°C (-cooling extension) -50 to 350°C (+cooling extension)
			Cast steel (1.04060, 1.0619)	-50° to 420°C (+cooling extension)

type baelz 334



media	pressure	nominal dimension	housing material	temperature
Water / hot water	16 – 25	15 – 300	brass (Rg5)	Up to 140°C

type baelz 340



media	pressure	nominal dimension	housing material	temperature
Steam superheated Steam saturated Water / hot water	16 – 25 40	15 – 150 15 – 300	Ductile iron (JS1025) Cast steel (1.04060, 1.0619)	-50 to 240°C (-cooling extension) -50 bis 350°C (+cooling extension) -50° to 420°C (+cooling extension)

type baelz 340-BK-SS



media	pressure	nominal dimension	housing material	temperature
Thermal oil	16 – 40	15 – 300	Ductile iron (JS1025)	-50 to 240°C (-cooling extension) -50 to 350°C (+cooling extension)
			Cast steel (1.04060, 1.0619)	-50° to 420°C (+cooling extension)

OVERVIEW CONTROL EQUIPMENT



2-way valves, 3-way valves, ejectors for fluids and steam

type baelz 344



media	pressure	nominal dimension	housing material	temperature
Steam superheated Steam saturated Water / hot water gases	16 – 40	15 – 150	Stainless steel (1.4571, 1.4408, 1.4313, 1.4021)	-50 to 350°C

type baelz 356



media	pressure	nominal dimension	housing material	temperature
Steam superheated Steam saturated Water / hot water	16 – 40	15 – 65	Stainless steel (1.4571, 1.4408, 1.4313, 1.4021)	-50 to 350°C
			Cast steel (1.04060, 1.0619)	-50° to 420°C (+cooling extension)

type baelz 356-BK-SS



media	pressure	nominal dimension	housing material	temperature
Thermal oil	16 – 40	15 – 65	Stainless steel (1.4571, 1.4408, 1.4313, 1.4021)	-50 to 350°C
			Cast steel (1.04060, 1.0619)	-50° to 420°C (+cooling extension)

type baelz 358



media	pressure	nominal dimension	housing material	temperature
Steam superheated Steam saturated Water / hot water	40 – 160	15 – 125	Heat resistant steel (1.73335, 1.7357)	-50° to 420°C

type baelz 359



media	pressure	nominal dimension	housing material	temperature
Steam superheated Steam saturated Water / hot water	40 – 160	15 – 125	Cast steel (1.04060, 1.0619)	-50° to 420°C (+cooling extension)

OVERVIEW CONTROL EQUIPMENT



2-way valves, 3-way valves, ejectors for fluids and steam

type baelz 360



media	pressure	nominal dimension	housing material	temperature
Steam superheated	40	32 – 300	Cast steel	-50° to 420°C
Steam saturated			(1.04060,1.0619)	(+cooling extension)
Water / hot water				

type baelz 365

media	pressure	nominal dimension	housing material	temperature
Steam superheated	300	1" – 6"	Cast steel	-50° to 420°C
Steam saturated			(1.04060,1.0619)	(+cooling extension)
Water / hot water				

3-WAY-VALVES

type baelz 335

media	pressure	nominal dimension	housing material	temperature
Water / hot water	16 – 25	15 - 300	brass (Rg5)	Up to 140°C

type baelz 342

media	pressure	nominal dimension	housing material	temperature
	25	15 - 300	Ductile iron (JS1025)	-50 to 240°C (- cooling extension)
Steam superheated				-50 to 350°C (+cooling extension)
Steam saturated				
Water / hot water	40	15 - 300	Cast steel (1.04060,1.0619)	-50° to 420°C (+cooling extension)

type baelz 342-BK-SS



media	pressure	nominal dimension	housing material	temperature
Thermal oil	16 – 40	15 - 300	Ductile iron (JS1025)	-50 to 240°C (- cooling extension)
				-50 to 350°C (+cooling extension)
			Cast steel (1.04060,1.0619)	-50° to 420°C (+cooling extension)

type baelz 347

media	pressure	nominal dimension	housing material	temperature
	25	15 - 300	Ductile iron (JS1025)	-50 to 240°C (- cooling extension)
Steam superheated				-50 to 350°C (+cooling extension)
Steam saturated				
Water / hot water	40	15 - 300	Cast steel (1.04060,1.0619)	-50° to 420°C (+cooling extension)

OVERVIEW CONTROL EQUIPMENT



2-way valves, 3-way valves, ejectors for fluids and steam

type baelz 347-BK-SS



media	pressure	nominal dimension	housing material	temperature
Thermal oil	16 – 40	15 - 300	Ductile iron (JS1025)	-50 to 240°C (- cooling extension) -50 to 350°C (+cooling extension)
			Cast steel (1.04060,1.0619)	-50° to 420°C (+cooling extension)

type baelz 353

media	pressure	nominal dimension	housing material	temperature
Steam superheated Steam saturated Water / hot water Thermal oil gases	16 – 40	16 – 65	Stainless steel (1.4571,1.4408,1.4313, 1.4021)	-50° to 350°C
			Cast steel (1.04060,1.0619)	-50° to 420°C (+cooling extension)

type baelz 354



media	pressure	nominal dimension	housing material	temperature
Steam superheated Steam saturated Water / hot water Thermal oil gases	16 – 40	80 – 150	Stainless steel (1.4571,1.4408,1.4313, 1.4021)	-50° to 350°C

type baelz 367

media	pressure	nominal dimension	housing material	temperature
Steam superheated Steam saturated Water / hot water Thermal oil gases	300	80 – 150	Stainless steel (1.4571,1.4408,1.4313, 1.4021)	-50° to 350°C

OVERVIEW CONTROL EQUIPMENT



2-way valves, 3-way valves, ejectors for fluids and steam

CONTROLLABLE EJECTORS



controllable ejectors for fluids and steam

FLUIDS

type baelz 471



media	pressure	nominal dimension	housing material	temperature
Water / hot water	16 – 25	G ½ - 1 ½	brass (Rg5)	Up to 140°C

type baelz 472



media	pressure	nominal dimension	housing material	temperature
Water / hot water	16	G 2	brass (Rg5)	Up to 140°C

type baelz 475



media	pressure	nominal dimension	housing material	temperature
Water / hot water	16 – 25	G ¾	brass (Rg5)	Up to 140°C

type baelz 480



media	pressure	nominal dimension	housing material	temperature
Water / hot water	16 – 40	15 – 300	Ductile iron (JS1025)	-50 to 240°C (-cooling extension) -50 to 350°C (+cooling extension)

type baelz 480-BK-SS



media	pressure	nominal dimension	housing material	temperature
Thermal oil	16 – 40	15 – 300	Ductile iron (JS1025)	-50 to 240°C (-cooling extension) -50 to 350°C (+cooling extension)

OVERVIEW CONTROL EQUIPMENT



2-way valves, 3-way valves, ejectors for fluids and steam

STEAM

type baelz 585 (steam/water – mixing valve)



media	pressure	nominal dimension	housing material	temperature
Steam	16 / 25	15 – 125	Ductile iron (JS1025)	-50 to 240°C
Water / hot water				(- cooling extension) -50 bis 350°C (+cooling extension)

type baelz 590



media	pressure	nominal dimension	housing material	temperature
steam	16 – 40	15 – 300	Ductile iron (JS1025)	-50 to 240°C
				(- cooling extension) -50 bis 350°C (+cooling extension)

type baelz 591



media	pressure	nominal dimension	housing material	temperature
steam	16 – 40	32 – 300	Ductile iron (JS1025)	-50 to 240°C
				(- cooling extension) -50 bis 350°C (+cooling extension)

OVERVIEW CONTROL EQUIPMENT



2-way valves, 3-way valves, ejectors for fluids and steam

CHOOSE YOUR ACTUATOR

VALVES

THERMAL OIL



baelz 340-BK-SS

baelz 342-BK-SS, baelz 347-BK-SS
mixing valves / diverting valve

ELECTRIC

PNEUMATIC

ELECTRIC

PNEUMATIC

	Δp	kvs	actuator	Δp	kvs	actuator	Δp	kvs	actuator	Δp	kvs	actuator		
DN 15	16	5,6	373-E07-20-18-S21-230V, 50/60 Hz or 373-E07-20-06-S21-230V, 50/60 Hz	16	5,6	P21-3-Fu	16 / 0,6	5,2	373-E07-20-18-S21-230V, 50/60 Hz or 373-E07-20-06-S21-230V, 50/60 Hz	16 / 0,6	5,2	P21-6-Fu		
DN 20	16	6,3		16	6,3		16 / 0,6	6,3		16 / 0,6	6,3			
DN 25	16	9		16	9		16 / 0,6	9		16 / 0,6	9			
DN 32	16	16		16	16	P21-6-Fu	16 / 0,6	16		16 / 0,6	16	16 / 0,6	16	P21-12-Fu
DN 40	12	25		13,5	25	12 / 0,6	25	16 / 0,6		25	16 / 0,6	25		
DN 50	8	36		14	36	P21-18-Fu	8 / 0,6	36		16 / 0,6	36	16 / 0,6	36	P21-18-Fu
DN 65	4,8	63		10	63		4,8 / 0,6	63		10 / 0,6	63	10 / 0,6	63	
DN 80	3	105		7	105	3 / 0,6	105	7 / 0,6		105	7 / 0,6	105		
DN 100	2	130		8	130	P21-V6-Fu	2 / 0,6	130		4,3 / 0,6	130	4,3 / 0,6	130	
DN 125	1,2	200		5	200		1,2 / 0,6	200		2,7 / 0,6	200	2,7 / 0,6	200	

OVERVIEW CONTROL EQUIPMENT



2-way valves, 3-way valves, ejectors for fluids and steam

CHOOSE YOUR ACTUATOR

VALVES

STEAM, FLUIDS



baelz 340-B

baelz 356, baelz 344

baelz 356 DN15-65, baelz 344 DN65-125

ELECTRIC

PNEUMATIC

ELECTRIC

PNEUMATIC

	Δp	kvs	actuator	Δp	kvs	actuator	Δp	kvs	actuator	Δp	kvs	actuator
DN 15		5,6	373-E07-20-18-S21-230V, 50/60 Hz or 373-E07-20-06-S21-230V, 50/60 Hz	29	5,6	P21-3-Fu	40	5,6	373-E07-20-18-S21-230V, 50/60 Hz or 373-E07-20-06-S21-230V, 50/60 Hz	29	3,8	P21-3-Fo
DN 20		6,3		29	6,3		40	6,3		29	6,5	
DN 25		9		16	9		32	9		16	9,3	
DN 32		16		21	16	20	16	21		14	P21-6-Fo	
DN 40		25		13,5	25	12	25	13,5		23		
DN 50		36		14	36	8	36	14		40	P21-18-Fo	
DN 65		63		10	63	4,8	63	10		63		
DN 80		105		7	105	3	105	7		105		
DN 100		130		8	130	2	130	8		130	P21-V6-Fo	
DN 125		200		5	200	1,2	200	5		200		

OVERVIEW CONTROL EQUIPMENT



2-way valves, 3-way valves, ejectors for fluids and steam

CHOOSE YOUR ACTUATOR

VALVES

FLUIDS



baelz 342-B, baelz 347-B
mixing valves / diverting valve

ELECTRIC

PNEUMATIC

	Δp	kvs	actuator	Δp	kvs	actuator
DN 15	16/0,6	5,6	373-E07-20-18-S21-230V, 50/60 Hz or 373-E07-20-06-S21-230V, 50/60 Hz	25/0,6	5,6	P21-6-Fu
DN 20	16/0,6	6,3		25/0,6	6,3	
DN 25	16/0,6	9		25/0,6	9	
DN 32	16/0,6	16		20/0,6	16	P21-12-Fu
DN 40	12/0,6	25		22/0,6	25	
DN 50	8/0,6	36		17/0,6	36	P21-18-Fu
DN 65	4,8/0,6	63		10/0,6	63	
DN 80	3/0,6	105		7/0,6	105	
DN 100	2/0,6	130		4,3/0,6	130	
DN 125	1,2/0,6	200		2,7/0,6	200	

OVERVIEW CONTROL EQUIPMENT



2-way valves, 3-way valves, ejectors for fluids and steam

CHOOSE YOUR ACTUATOR

EJECTORS

STEAM, FLUIDS



baelz 480

baelz 590

baelz 480							baelz 590						
ELECTRIC				PNEUMATIC			ELECTRIC				PNEUMATIC		
	Δp	kvs	actuator	Δp	kvs	actuator	Δp	kvs	actuator	Δp	kvs	actuator	
DN 15	25	2,1	E07-S21		2,1	P21-3-Fo-S21	25	2,1	E07-S21		2,1	P21-3-Fo-S21	
DN 25	25	4,2		25	4,2		25	4,2					
DN 32	25	8		25	8		25	8					
DN 40	25	13		25	13		25	13					
DN 50	25	20,5		25	20,5		25	20,5					
DN 65	25	32		25	32		25	32					
DN 80	25	52	E07-S21L	25	52	P21-3-Fo-S21L	25	52	E07-S21L	25	52	P21-3-Fo-S21L	
DN 100	25	82		25	82		25	82					
DN 125	25	127		25	127		25	127					



baelz 585

ELECTRIC				PNEUMATIC	
	Δp	actuator	Δp	actuator	
DN 15	25	E07-S21	25	P21-3-Fo-S21	
DN 25	25		25		
DN 32	16,9		25		
DN 40	8,7		25		
DN 50	4,6		25		
DN 65	2,8	E07-S21L	25	P21-3-Fo-S21L	
DN 80	1,9		25		
DN 100	1,1		20		
DN 125	0,8		13		