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Stainless steel flanged ball valves with electric actuator with spring return
Series BA231, BA232

Design type	Flanged ball valve with Electric geared motor with spring return, additional manual override (only BA232) and Actuator heater, Face-to-face length according to EN558-1 R27
Connection	Flange acc. to EN1092-1
Materials Standard version	Actuator: Aluminium housing Ball valve BA231: Body and ball stainless steel 1.4408, Ball seal PTFE, Spindle seal Graphoil/PTFE/FKM Ball valve BA232: Body and ball stainless steel 1.4408, Ball seal PTFE glass-fibre reinforced, Spindle seal Graphoil/PTFE/FKM
Application range	Fluids and gases of group 1 and 2 according to PED 2014/68/EU that do not attack the materials used
Medium temperature	-40...+160°C
Ambient temperature	-25...+60°C
Operating pressure	Vacuum max. 10^{-3} Torr up to 40bar
Mounting type	Installation in rigid piping system
Mounting position	any, except hanging downward

Electrical data:

Voltage	230V/50Hz
Rated current	0,5A (DN100 0,6A)
Starting current	1,1A
Power	0,03kW
End position shut-off	via built-in limit switches
Duty cycle	S4 - 30%
Heater	25W
Approvals	Mill test certificate 3.1 Actuator: ATEX IP67 Ex db h IIC T4 Gb Ball valve: ATEX EX II 2G Ex h IIC T6...T1 Gb / II 2D Ex h IIIC T85°C...T450°C Db, Fire-safe, TA-Luft, SIL 3
Special versions	oil- and grease-free version for oxygen

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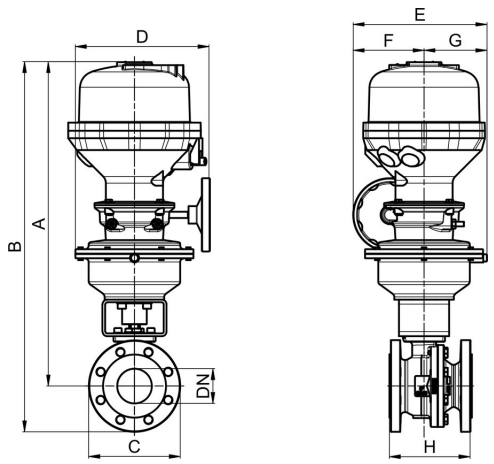
Dimensions



Nominal size DN[mm]	Flange according to EN1092-1	max. Operating pressure [bar]	A	B	C	D	E	F	G	H	Kv value [m³/h]	Function	Actuation time [Sek.]	Spring closing time [Sek.]	Type
50	PN40	40	542	624,5	165	290	266	133	133	150	301	Spring return closed	33	2	BA231-50-PB-A03C
3301.V30-QM10 3302.V30-QM10 3303.V30-QM10 3304.V30-QM10 3305.V30-QM10 3306.V30-QM103307.V30-QM10 3308.V30-QM10 3309.V30-QM10 3310.V30-QM10															
50	PN40	40	542	624,5	165	290	266	133	133	150	301	spring opens	33	2	BA231-50-QB-A03C
2521.V18-QM10															
80	PN40	40	709	809	200	292	293	155	138	180	873	Spring return closed	93	-	BA232-80-PB-A03C
3301.V36-QM01 3302.V36-QM01 3303.V36-QM01 3304.V36-QM01 3305.V36-QM01 3306.V36-QM01 3307.V36-QM01 3308.V36-QM01 3309.V36-QM01 3310.V36-QM01															
80	PN40	40	709	809	200	292	293	155	138	180	873	spring opens	93	-	BA232-80-QB-A03C
3301.V18-QM01 3302.V18-QM01 3303.V18-QM01 3304.V18-QM01 3305.V18-QM01 3306.V18-QM01 3307.V18-QM01 3308.V18-QM01 3309.V18-QM01 3310.V18-QM01															

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