



### 2 way stainless steel ball valve coupled with quarter-turn electrical actuator "ER"

Threaded type

#### Technical specification of actuator

Quarter-turn ( 90° ) electrical actuator ER

Power supply : 230 V AC  
12 / 24 V AC/DC  
24 V AC/DC

Duty rating : 50% for 230 V AC  
30% for 12/24 V AC

Protection : IP 65

Operating temperature : -10 ... 55 °C

Output switch : 4 SPDT micro switch

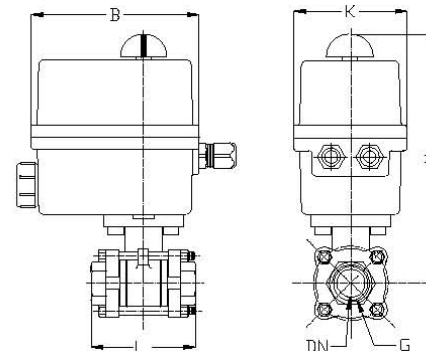
Mounting pad : ISO 5211 / DIN 3337

Extra option :

Positioner with 4 ... 20 mA input/output

0 ... 10 V input/output

Potentiometer 1 / 5 / 10 K Ohms



#### Technical specification of valve

Type : 3 pieces stainless steel ball valve

Body material : stainless steel AISI 316

Seat : PTFE

Operating pressure : PN 63

Operating temperature : -25 ... +180 °C

Valve size (G)	Actuator	PN	DN	L	B	H	K	Kg
1/4"	ER20	63	8	50	136	186	92	
3/8"	ER20	63	10	50	136	186	92	
1/2"	ER20	63	15	56	136	186	92	
3/4"	ER20	63	20	73	136	190	92	
1"	ER35	63	25	82	136	191	92	
1 1/4"	ER35	63	32	91	136	200	92	
1 1/2"	ER45	63	40	104	151	233	128	
2"	ER60	63	50	120	151	242	128	
2 1/2"	ER100	63	65	155	151	274	128	
3"		63	80	182				
4"		63	100	220				

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شرکت آریان پژوهش

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### 2 way stainless steel ball valve coupled with quarter-turn electrical actuator "EK"

Threaded type

#### Technical specification of actuator

Quarter-turn ( 90° ) electrical actuator EK

Power supply : 230 V AC  
24 V AC/DC

Duty rating : 30%

Protection : IP 65

Operating temperature : -10 ... 55 °C

Output switch : 4 SPDT micro switch

Mounting pad : ISO 5211 / DIN 3337



#### Technical specification of valve

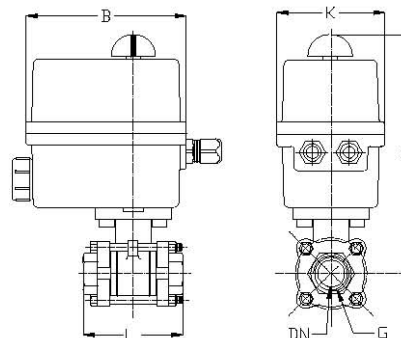
Type : 3 pieces stainless steel ball valve

Body material : stainless steel AISI 316

Seat : PTFE

Operating pressure : PN 63

Operating temperature : -25 ... +180 °C



Valve size (G)	Actuator	PN	DN	L	B	H	K	Kg
1/4"	EK20	63	8	50	136	157	92	
3/8"	EK20	63	10	50	136	157	92	
1/2"	EK20	63	15	56	136	157	92	
3/4"	EK20	63	20	73	136	161	92	
1"	EK35	63	25	82	151	220	128	
1 1/4"	EK35	63	32	91	151	229	128	
1 1/2"	EK60	63	40	104	151	234	128	
2"	EK60	63	50	120	151	243	128	
2 1/2"		63	65	155				
3"		63	80	182				
4"		63	100	220				

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