

电动执行器 E 50 - E 210



E 65 和 E110

技术参数

型号:	E 50 - E 210
工作制:	Class C 根据标准 prEN WI69000095
阀门接口:	EN ISO 5211
开关时间:	6 s - 180 s
防护等级:	C4 根据标准 prEN WI 6900095 测试标准根据 EN 600068-2-52
防护等级:	IP 67 根据标准 EN IEC 60529
绝缘等级:	F
限位开关:	最大 250 V AC, 3A DS-执行器 最大 250 V AC, 3A WS-执行器 最大 24 V DC, 10 A GS-执行器
工作温度:	-20°C ~ +70°C
电器接口:	2 x M20 x 1,5; Ø 最小 = 6 mm, Ø 最大 = 13 mm
手轮:	全行程 15 转
手轮作用力:	8 Nm- E 50 4 Nm -E 65 20 Nm- E 110 35 Nm -E 160 50 Nm -E 210

产品特点:

- 高强度铝合金壳体
- 高效的蜗轮蜗杆传动机构
- 自锁性型安全制动装置
- 可灵活与多种轴端法兰连接
- 精确的机械位置指示
- 电机内置热保护开关
- 手轮装置可以在紧急情况下立即进行手动操作
- 免维护, 使用寿命长

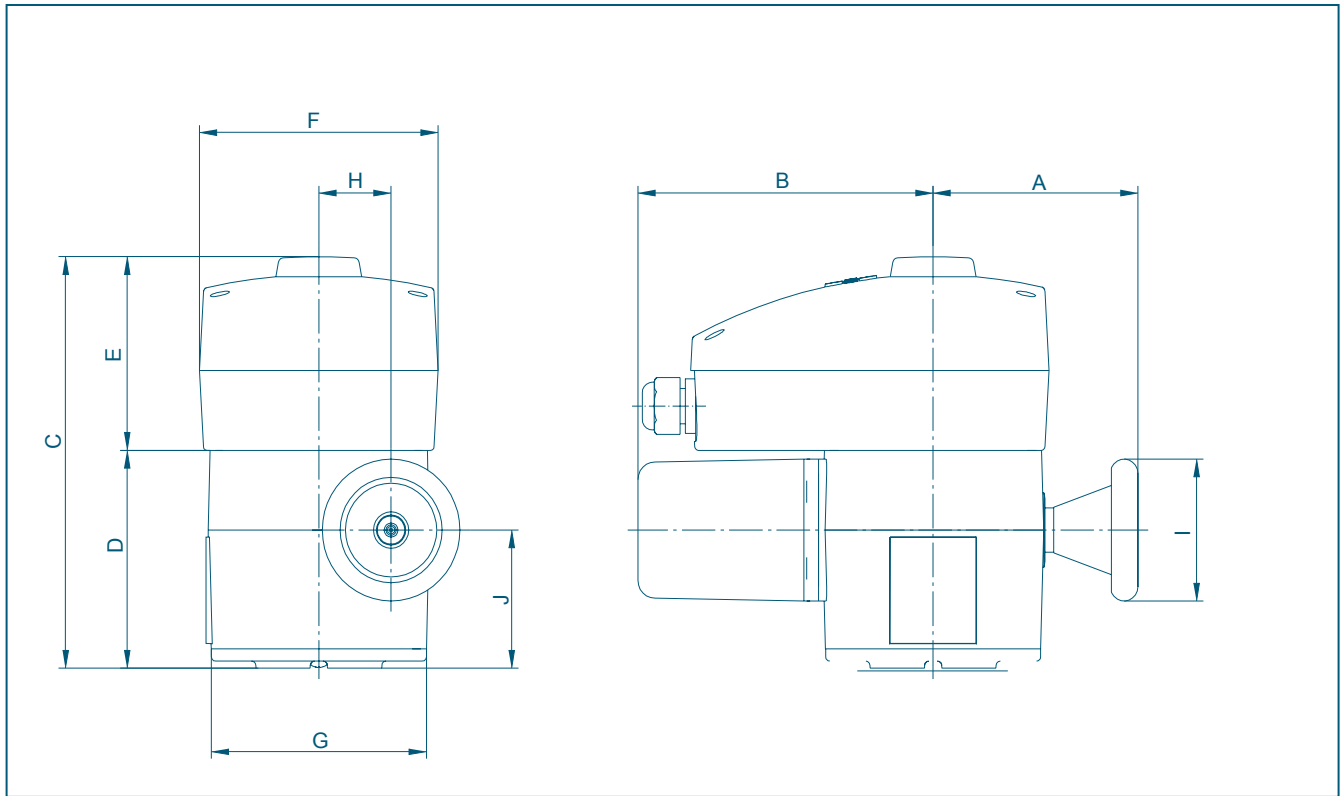
应用行业:

- 水处理
- 化工
- 汽车工业
- 市政
- 其它行业, 所有 90 度角行程的阀门



E 160 和 E 210

电动执行器 E 50 - E 210



型号	尺寸 [mm]										重量 [kg]
	A	B	C	D	E	F	G	H	I	J	
E 50	110	149	210	123	87	124	126	42	80	73	5
E 65	119	172	235	123	112	139	125	42	80	78	7
E 110	136	247	257	145	112	139	150	58	125	88	14
E 160	157	280	282	170	112	139	175	89	200	112	25
E 210	212	352	274	162	112	139	240	125	315	84	40

制造厂保留对参数的修改权

技术参数

阀门接口: EN ISO 5211

型号	E 50 WS	E 65 WS	E 65 DS	E 65 GS	E 110 WS	E 110 DS	E 110 GS	E 160 WS	E 160 DS	E 160 GS	E 210 DS
执行器开关时间 0° - 90°	25 s	6 s	6 s	6 s	12 s	12 s	6 s	24 s	24 s	12 s	24 s
额定扭矩	40 Nm	100 Nm	100 Nm	100 Nm	400 Nm	400 Nm	360 Nm	1000 Nm	1000 Nm	800 Nm	3500 Nm
额定电流	0,15 A	0,7 A	0,3 A	5 A	1,3 A	1,0 A	8,8 A	1,3 A	1,0 A	8,8 A	1 A
启动电流	0,18 A	1,0 A	0,3 A	8,0 A	2 A	1,8 A	12,5 A	2 A	1,8 A	12,5 A	3,2 A
功率	0,04 kW	0,16 kW	0,09 kW	0,08 kW	0,26 kW	0,22 kW	0,4 kW	0,26 kW	0,22 kW	0,4 kW	0,54 kW
额定电压	230 V	230 V	400 V	24 V	230 V	400 V	24 V	230 V	400 V	24 V	400 V
*频率	50 Hz	50 Hz	50 Hz	-	50 Hz	50 Hz	-	50 Hz	50 Hz	-	50 Hz
工作制	30 %	30 %	30%	30%	30%	30%	30 %	30%	30%	30%	30%
防护等级	IP 67	IP 67	IP 67	IP 67	IP 67	IP 67	IP 67	IP 67	IP 67	IP 67	IP 67

* 60Hz 频率可选

可选配件



带位置指示的控制箱盖 (E 50)



带位置指示的控制箱盖 (E 65 - E 210)



附加限位开关



4-20 mA 电流反馈



电位计 1000 Ω

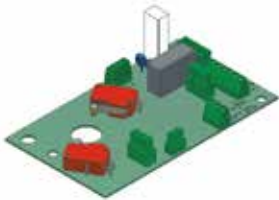


力矩控制板

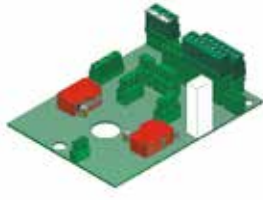


调速模块

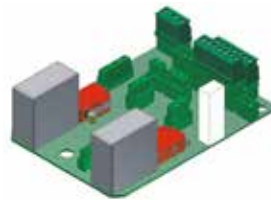
连接器终端



E 50 - 230 V AC



400 V AC



230 V AC



24 V DC



控制箱带有格兰头



E 50



E 65



E 110



E 160



E 210

证 书

EG – Declaration of conformity



We,

EBRO ARMATUREN
Gebr. Bröer GmbH, Karlstraße 8, 58135 Hagen, Deutschland

declare in our sole responsibility, that our quarter-turn actuators of the E - series

E50 WS	E 65 WS	E 110 WS	E 160 WS	
	E 65 DS	E 110 DS	E 160 DS	E 210 DS
	E 65 GS	E 110 GS	E 160 GS	

and the enhanced unit box system

M71-WS-XXX-40 und M71-DS-XXX-40 und M71-GS-XXX-40

is this declaration is valid for, fulfil the requirements of following directives from council for harmonizing of member states of European community:

Directive - 2006/95/EG -	Low voltage directive
Directive - 2004/108/EG -	EMC directive
Richtlinie - 2006/42/EG -	Machinery directive *

(* Electric actuators become considered according to machinery directive, article 2g, as an "incomplete machine", when they become delivered with a mounted valve)

As manufacturer of these products, we declare additionally, that following standards according to above listed directives have been consulted.

EN 50178 : 1997	
EN 61010 -1 : 2010	for low-voltage directive
EN 61000-6-2 : 2005	
EN 61000-6-3 : 2007	
+ A1 : 2011	for electromagnetic compatibility (EMC)
EN 12100 : 2010	
EN ISO 5211 : 2001	für die machinery directive

Responsible employee for documentation and required analysis is Mr. V. Pütz at headquarter of EBRO ARMATUREN.

All start-up procedures are not permitted till it is ensured, that the complete machine, in which EBRO quarter-turn actuators – or with valve- are installed, is in compliance with guidelines of EC-directive 2006/42/EG