



EA 开关型电动执行器

Electrical actuator Rotary modular type



技术特点

转 角: 90°(可在20°~95°之间调节)
安装方式: 通过自锁凸轮和电机限位开关
标准工作输出扭矩: 35~240Nm (见特性表)
开启时间: 0°~90° (见图表)
工作效率: S3 ED 50% 符合 CEI 60043
适用范围: 低压指示 89/336/CEE
防护等级: IP65 符合 IEC 34-5/529
工作温度: -25℃至55℃
储存温度: -40℃至90℃
马达过热保护自动复位
马达绝缘等级: F级 (155℃)
回转轴由滚动轴承支撑
配紧急手动操作机构 (六角扳手)
外部可视位置指示器配顶部空间加热器 (标准)
IP65 连接器配电缆连接器
2个SPDT辅助电机限位开关配金触点和全行程可调凸轮
(最大3A@250VAC - 1A@24VDC, 最小3mA@250VAC - 1mA@24VDC)
最大工作噪音: 73dB
电源电压: 230 Vac 50/60 Hz $\pm 10\%$
115 Vac 50/60 Hz $\pm 10\%$
24Vac/dc $\pm 10\%$, 24Vdc $\pm 5\%$

ACTUATOR FEATURES

Nominal working angle: 90°adjustable between 20°and 95
Type of setting: continuous by means of self-locking cams and electromechanical limit switches
Nominal working torque: from 35 to 240 Nm
Operation time (0°-90°): see diagram
Service: S3 ED 50% in compliance with CEI 60043
Applicable regulations: Low Voltage Directive 72/23/CEE; Electromagnetic Compatibility Directive 89/336/CEE
Enclosure: IP65 in compliance with IEC 34-5 and 529
Working temperature: -25°C to +55°C
Storage temperature: -40°C to +90°C
Motor built-in auto-reset thermostatic protection
Motor with Class F insulation (155°C)
Rotor supported by ball bearings
Connection for emergency manual lever (hexagonal wrench in equipment)
External visual position indicator with graduated top
Space heater (standard)
IP65 connectors also available with pre-wired cable
No. 2 SPDT auxiliary electromechanical limit switches with gold contacts and cams adjustable all along the stroke
(max 3A@250VAC - 1A@24VDC; min 3mA@250VAC - 1mA@24VDC)
Maximum working noise: 73 dB
Supply voltage: 230 Vac 50/60 Hz ($\pm 10\%$) monophase; 115 Vac 50/60 Hz ($\pm 10\%$) monophase; 24V ac/dc $\pm 10\%$; 24V dc $\pm 5\%$

特性 FEATURES

型 号 MODEL	U.M.	EA0035	EA0070	EA0130	EA0240
工作扭矩 Nominal working torque	Nm	35	70	130	240
最大工作扭矩 Maximum peak torque	Nm	45	85	160	280

电动执行器 *Electrical actuator*

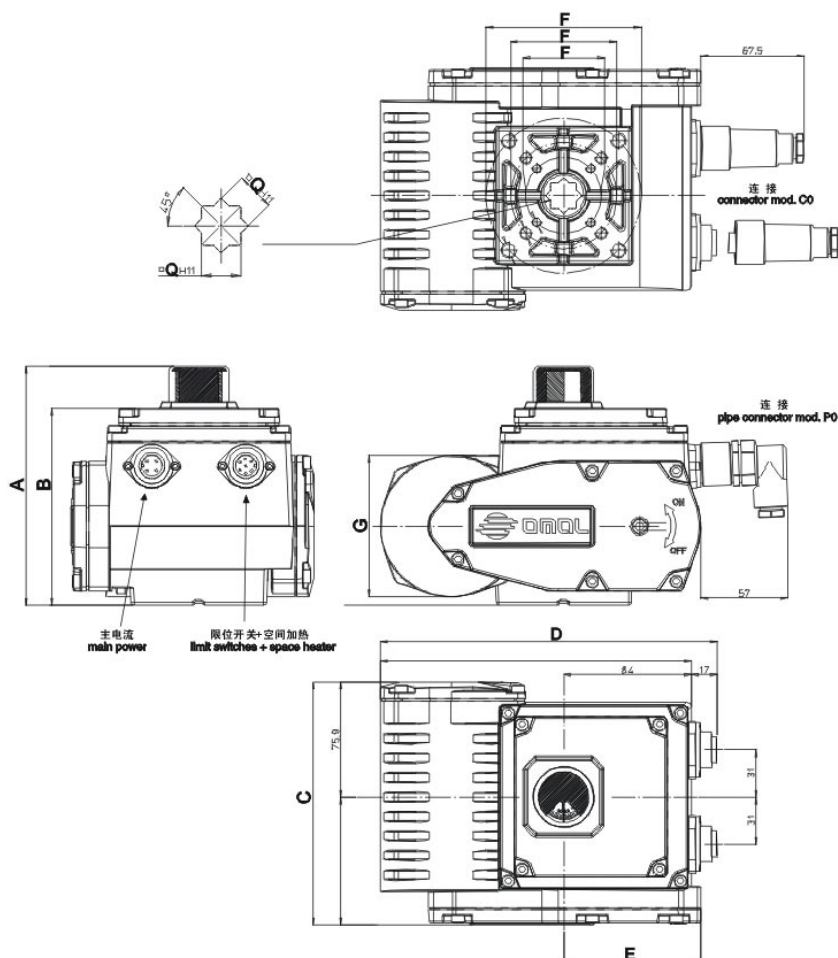
订货号 - codes and option

电动执行器 <i>Electrical actuator</i> “EA” on-off					
电压 <i>Voltage</i>	尺寸表 <i>Sizes and actuator codes</i>				
型号 MODEL	EA0035 F03-F05-F07	EA0070 F05-F07	EA0130 F05-F07-F10	Ea0240 F07-F10	
230 Vac 50/60 Hz	EA0035A5C000	EA0070A5C000	EA0130A5C000	EA0240A5C000	
115 Vac 50/60 Hz	EA0035A4C000	EA0070A4C000	EA0130A4C000	EA0240A4C000	
24 Vac/dc <i>universal</i>	EA0035U2C000	EA0070U2C000	EA0130U2C000	EA0240U2C000	
24 V dc	EA0035C2C000	EA0070C2C000	EA0130C2C000	EA0240C2C000	
调节型电动执行器 <i>Electrical actuator</i> “EA” modulating type 调节型电动执行器由开关型电动执行器底座和控制电子盒组合而成,代码就直接加在开关型电动执行器代码后 <i>Electrical actuator modulating type is obtained mounting on the body of “on-off” electrical actuator the box with the control electronics. The code is obtained adding to “on-off” electrical actuator code the configuration</i>					
型号 MODEL	EA0035 F03-F05-F07	EA0070 F05-F07	EA0130 F05-F07-F10	EA0240 F07-F10	配件 CONFIGURATOR
230 Vac 50/60 Hz	EA0035A5C000	EA0070A5C000	EA0130A5C000	EA0240A5C000	MR
115 Vac 50/60 Hz	EA0035A4C000	EA0070A4C000	EA0130A4C000	EA0240A4C000	MR
24 Vac/dc <i>universale universal</i>	EA0035U2C000	EA0070U2C000	EA0130U2C000	EA0240U2C000	MR
24 V dc	EA0035C2C000	EA0070C2C000	EA0130C2C000	EA0240C2C000	MR
开关型电动执行器配件和相应特征 <i>Extra accessories for ON-OFF electrical actuator and correspondant identification</i> 配件加在开关型电动执行器的底座上,代码直接加在开关型电动执行器代码的后面 <i>Accessories are available mounting the box on the body of “on-off” electrical actuator. The code is obtained adding to “on-off” electrical actuator code the configuration</i>					
产品描述 <i>DESCRIPTION</i>				配件 <i>CONFIGURATOR</i>	
R/I 转换器 4-20 mA + 2个辅助限位开关 <i>R/I convertor 4-20 mA + 2 auxiliary limit-switches</i>				RC	
电位器 5K ohm + 2个辅助限位开关 <i>Potentiometer 5K ohm + 2 auxiliary limit-switches</i>				RP	
速度控制器 <i>Speed control</i>				V0	
4个辅助限位开关 <i>4 auxiliary limit-switches</i>				FM	



EA 开关型电动执行器尺寸图

"EA" ON-OFF rotary type dimensions



尺寸 DIMENSIONS											
型 号 MODEL	A	B	C	D	E	G	F	Q	Kg		
EA0035	137	109	132	192	74	44	03-05-07	14	3,6		
EA0070	137	109	136	192	74	44	05-07	14	3,6		
EA0130	157,6	129,6	160	221,6	90,5	93	05-07-10	17	3,6		
EA0240	157,6	129,6	160	221,6	90,5	93	07-10	22	7,5		

执行器订货号 ACTUATORS ORDERING CODES

EA ---- -- 00

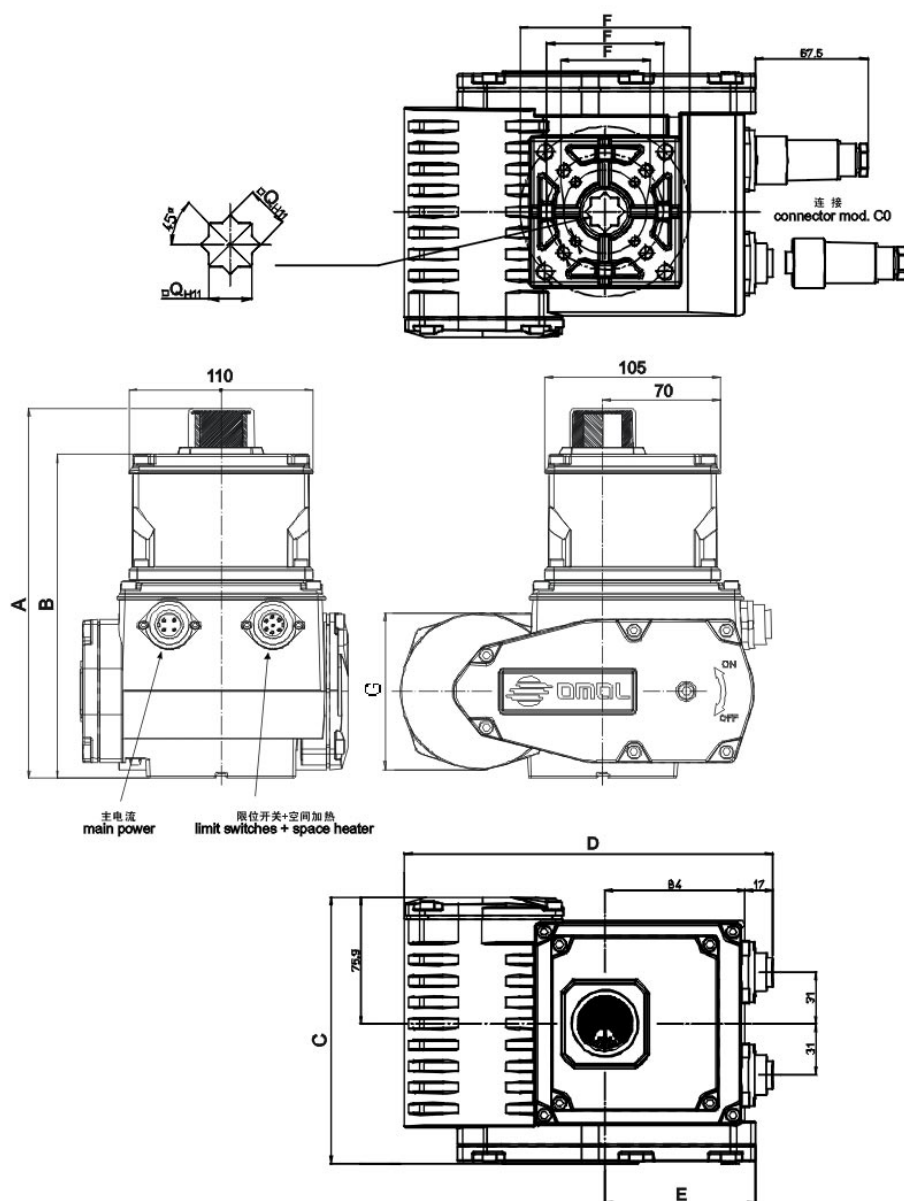
扭矩 Torque
0035 = 35 Nm
0070 = 70 Nm
0130 = 130 Nm
0240 = 240 Nm

电压 Voltage
A4 = 115 Vac 50/60 Hz
A5 = 230 Vac 50/60 Hz
U2 = 24 Vac/dc universale universal
C2 = 24 Vdc

连接件 Connector
C0 = connector only
P0 = pipe connector only

EA 调节型电动执行器尺寸图

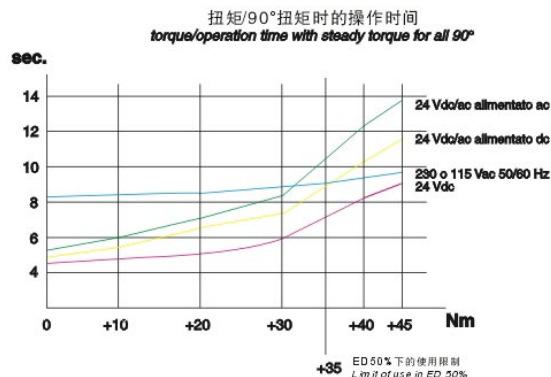
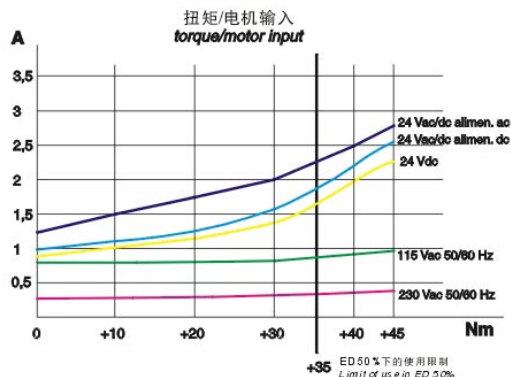
"EA" modular rotary type dimensions



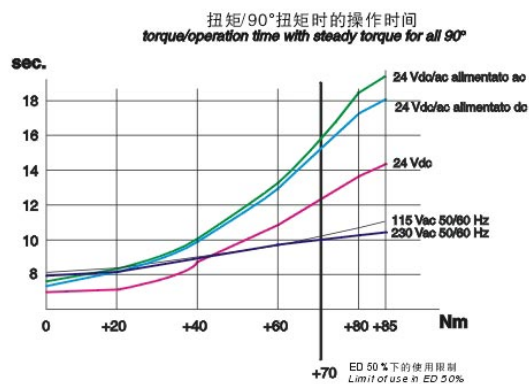
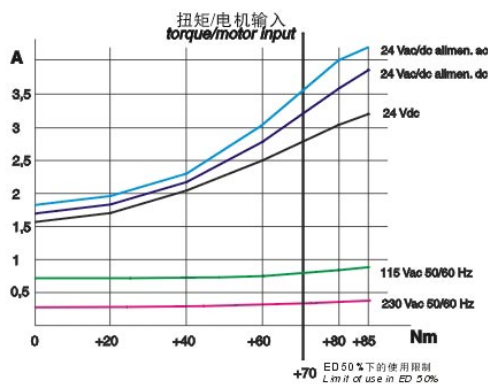
尺寸 DIMENSIONS										
型 号 MODEL	A	B	C	D	E	G	F	Q	Kg	
EA0035	221,4	193,5	132	192	74	44	03-05-07	14	4,4	
EA0070	221,4	193,5	136	192	74	44	05-07	14	4,4	
EA0130	242	214,4	160	221,6	90,5	93	03-05-07	17	8,3	
EA0240	242	214,4	160	221,6	90,5	93	07-10	22	8,3	



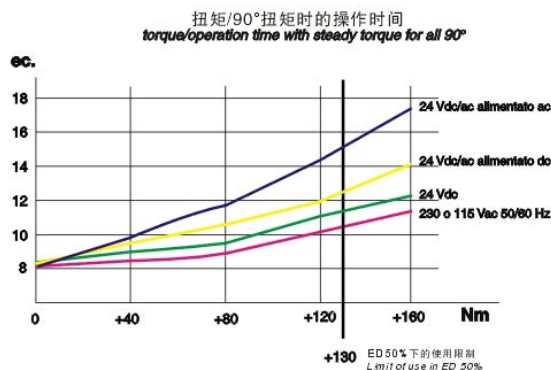
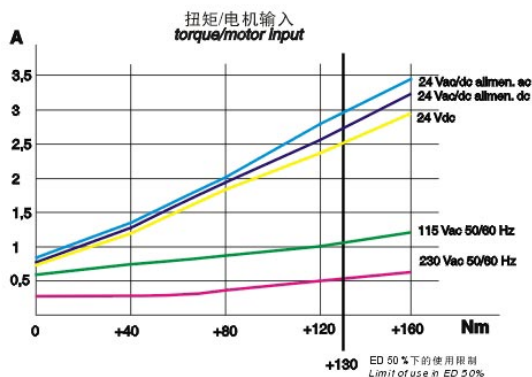
EA 0035性能参数表 EA0035 working diagrams



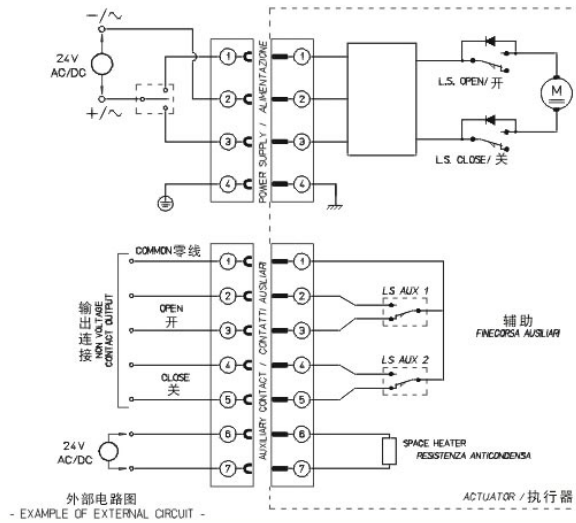
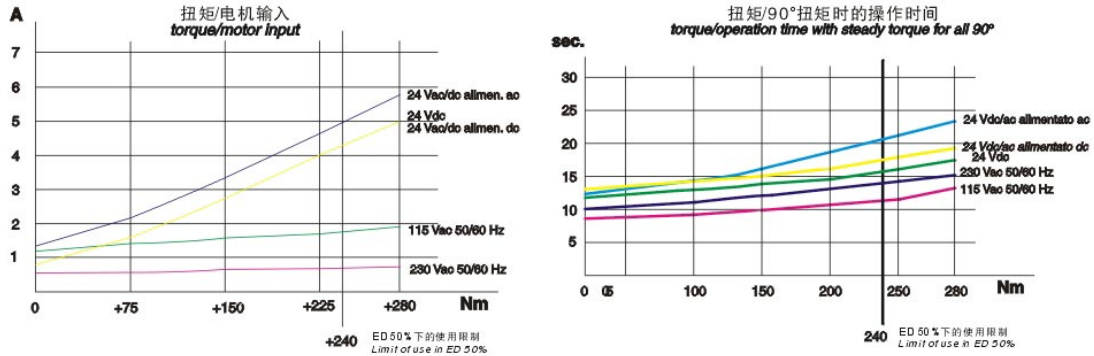
DIAGRAMMI DI FUNZIONAMENTO EA0070 EA0070 WORKING DIAGRAMS



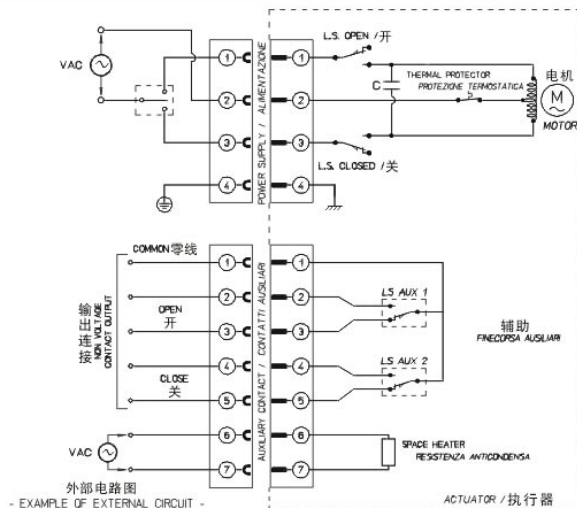
DIAGRAMMI DI FUNZIONAMENTO EA0130 EA0130 WORKING DIAGRAMS



EA 0240性能参数表 EA0240 working diagrams



电气线路24 Vac/dc - 24 Vdc
ELECTRIC WIRING
FOR 24 Vac/dc - 24 Vdc SUPPLY



电气线路115 - 230 Vac
ELECTRIC WIRING
FOR 115 - 230 Vac SUPPLY