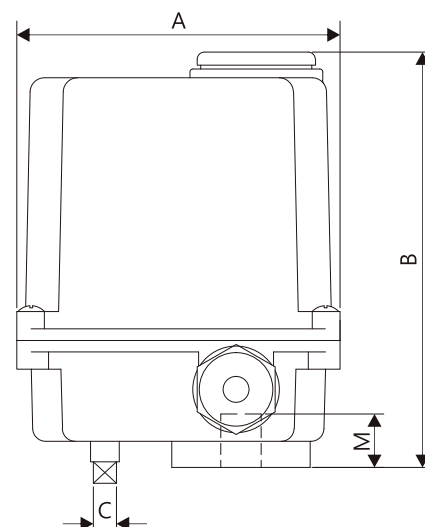


UM-1



Product Specification

UM-1 - 10 - AC110 - 10 - ☐ - ☐

Model

Voltage

Speed 90
sec(60Hz)

AC : ☐ : 10sec (standard)
 1 : 1sec
 5 : 5sec
 DC : ☐ : 15sec (standard)
 2.5 : 2.5sec

Power

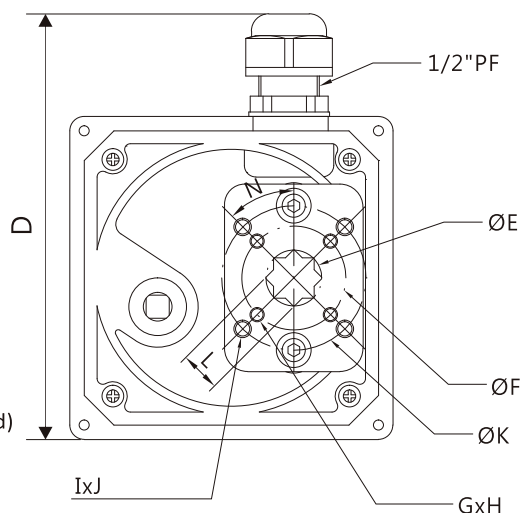
AC : 10W
 15W
 DC : 10W

Extra
Switches

☐ : Without Extra
 Switches (standard)
 A : Extra Switches

Heater

☐ : Without heater (standard)
 H : Heater



mm

Model	A	B	C	D	E	F	G	H	I	J	K	L Max	M	N	ISO 5211
UM-1	118	145	8	140	19.3	36	M5	4	M6	4	50	14.03	19	45°	F03 / F05

● Optional:
 ISO5211 F04, F05/F07

Represented by:



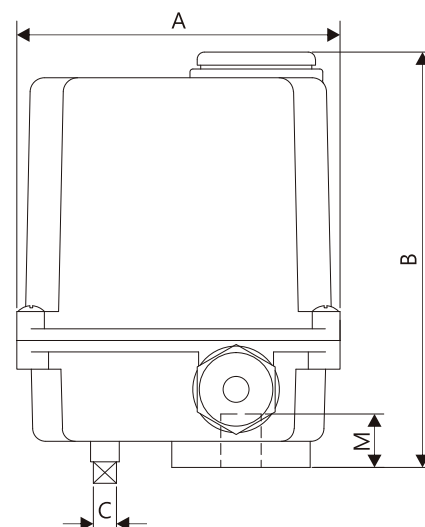
Anderson Eurotech Singapore Pte Ltd

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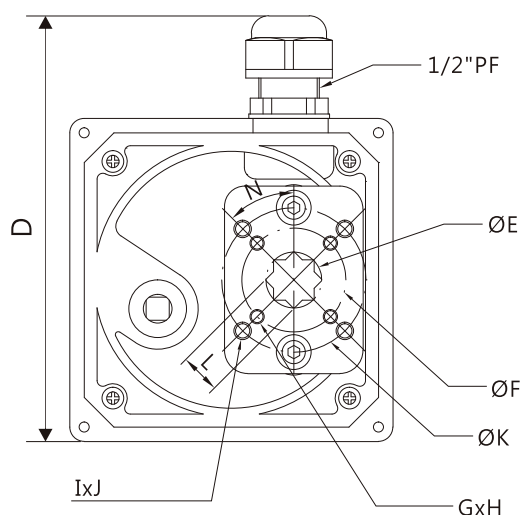
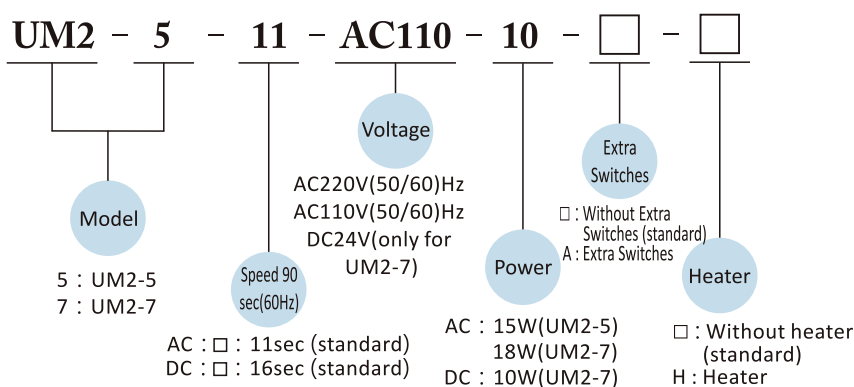
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UM2-5~2-7



Product Specification



mm

Model	A	B	C	D	E	F	G	H	I	J	K	L Max	M	N	ISO 5211
UM2-5~7	118	145	8	140	19.3	36	M5	4	M6	4	50	14.03	19	45°	F03 / F05

● Optional:
ISO5211 F04, F05/F07

Represented by:



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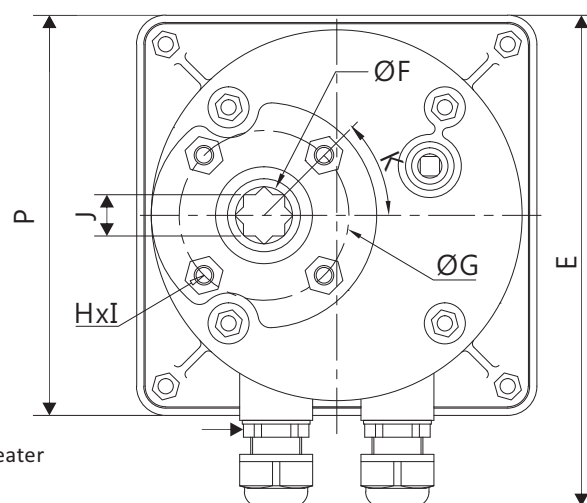
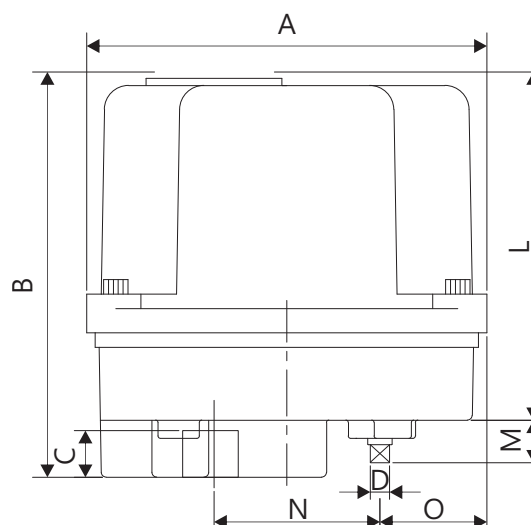
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UM-3

Product Specification



UM ☐ -3 - 8 - AC110 - 25 - ☐ - ☐

Model

☐ : ON/OFF(standard)
D : UMD

Voltage

AC220V(50/60)Hz
AC110V(50/60)Hz
DC24V

On/Off
Sec(60Hz)

AC : ☐ : 8sec (Standard)
1 : 1sec
DC : ☐ : 8sec (Standard)
1 : 1sec

Extra
Switches

☐ : Without Extra
Switches (standard)
A : Extra Switches

Power

AC : 25W (Standard)
40W
60W
DC : 30W

Heater

☐ : Without heater
(standard)
H : Heater

mm

Model	A	B	C	D	E	F	G	H	I	J Max	K	L	M	N	O	P	ISO 5211
UM-3	165	172	20	8	203	23.5	70	M8	4	17.05	45°	148	17.3	68.4	44.2	165	F07

• For modulating series and
DC voltage, B + 26mm.

Represented by:

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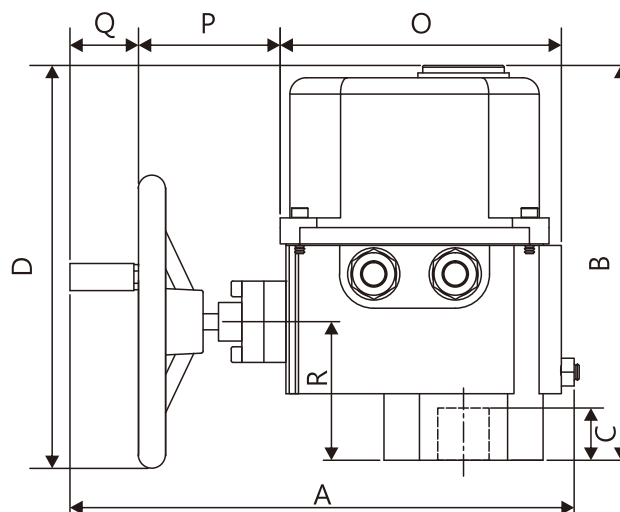
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UM-4



UM-4 - 20 - AC110 - 25 - ☐ - ☐

Model

Voltage

AC220V(50/60)Hz
AC110V(50/60)Hz
DC24V

Extra
Switches

☐ : Without Extra
Switches (standard)
A : Extra Switches

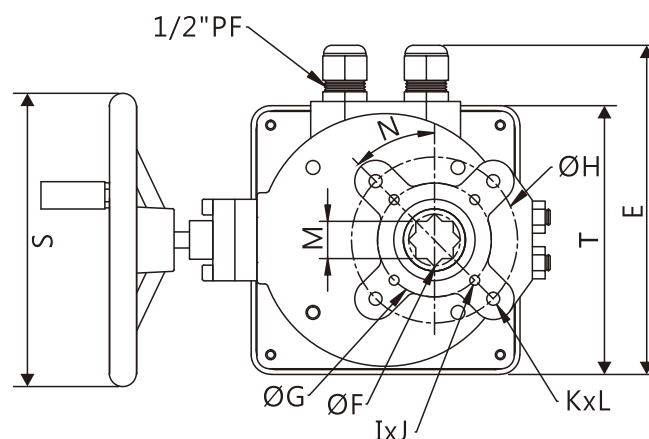
Heater

☐ : Without heater
(standard)
H : Heater

Power
AC : 25W
DC : 30W

Speed 90
sec(60Hz)

AC : ☐ : 30sec (Standard)
20 : 20sec
DC : ☐ : 30sec (Standard)
20 : 20sec



mm

mm							L	M _{Max}	N	O	P	Q	R	S	T	ISO 5211
							4	22.05	45°	173	85	65	85	120	165	F07 / F10
Model	A	B	C	D	E	F	G	H	I	J	K	Formulation series				
UM-4	330	244	30	225	203	30.6	70	102	M8	4	M10					

● For modulating series and
DC voltage, B + 26mm.

Represented by:



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Product Introduction

90 degree rotary electric actuator (UM/R series) adheres to specification of ISO5211. The torque ranges from 90kgf-cm to 30000kgf-cm. Our company provides customizing service. All types of electric actuators are installed with mechanical position indicator. It can be wired to the control box, and it will show the opening position via indicator signal. There is manual override device in the electric actuator, which is used when the power supply is cut.

Product Characteristics

- **Enclosure :**
IP67 rated waterproof and dustproof enclosure.
The enclosure is made of Nylon which can resist against heat, acid, and alkali. Aluminum enclosure is optional.
- **Motor :**
It is small, low consumption, and has large torque.
The insulation class of all models is F class.
There is overheating protection device in the motor, which can protect the motor from overheating.
- **Position Indicator :**
All models have a constant mechanical position indicator on the top of the actuator cover to indicate the position of the valve. It can also be wired to the control box, and it will show the opening position via indicator signal.
- **Manual Override Device :**
There are manual override device in the electric actuator, which is used when the power supply is cut. You can use wrench or hand wheel to adjust.
- **Flange/Mounting Type(ISO 5211) :**
UM-1 to UM-6 provides direct mounting on ISO 5211 valves. If the valve doesn't apply with ISO 5211, the fluid is steam or other high temperature fluid, it needs to use the mounting kit to mount the electric actuator and valve.
- **Working condition :**
Ambient temperature: -10°C~60°C
The Humidity: 30%~95%
- **Special Voltage :**
For example: three-phase voltage 220V/380V/440V is available.

Electric Actuator Selecting Step (1)

Step 1 : Please check whether the torque of the valve is less than the torque of the actuator.
Safety Formula (Ball Valve for example) :
Torque : under 1000 kgf-cm x 1.5 / over 1000 kgf-cm x 1.3

Product Specification

- AC110V~AC220V Electric Actuator
- The following values are based on 60HZ as reference. The value varies slightly from the different frequency of the power supply.
- ※ If the working pressure is more than 10kgf-cm , you should replace it with a bigger one.
- ※ If you need to install modulating series or the torque of valve is too tight, you should replace it with a bigger one.

Models	Power	Speed 90 sec (60Hz)	Torque(5%) kgf-cm 110V	Torque(5%) kgf-cm 220V	No-load current consumption	
					AC 100V~120V	AC 200V~250V
UMS	3~4W	23	105	105	33mA	30mA
UM-1	10W	1	75	80	0.6A	0.3A
UM-1	10W	5	181	214	0.6A	0.3A
UM-1	10W	10	350	362	0.6A	0.3A
UM-1	15W	1	127	132	0.7A	0.4A
UM-1	15W	10	410	432	0.7A	0.4A
UM2-1	15W	17	500	450	0.7A	0.4A
UM2-5	15W	11	500	500	1.2A	0.4A
UM2-7	18W	11	700	700	1.1A	0.6A
R-3	10W	10	360	360	0.5A	0.3A
R-5	10W	20	500	500	0.5A	0.3A
R-7	15W	20	700	700	0.7A	0.4A
R-10	15W	20	1000	1000	0.7A	0.5A
R-15	20W	20	1500	1500	1.6A	0.5A
UM-3	25W	1	294	350	0.6A	0.6A
UM-3	25W	8	1486	1562	0.6A	0.6A
UM-3	40W	1	369	405	0.9A	0.6A
UM-3	60W	1	445	460	1.0A	0.7A
UM-3-1	25W	1	294	350	0.6A	0.6A
UM-3-1	25W	8	1486	1562	0.6A	0.6A
UM-3-1	40W	1	369	405	0.9A	0.6A
UM-3-1	60W	1	445	460	1.0A	0.7A
UM-4	25W	20	2500	2500	0.8A	0.6A
UM-4	25W	30	3118	3320	0.6A	0.6A
UM-5	40W	30	4266	4873	0.9A	0.6A
UM-6	60W	30	5689	6081	1.0A	0.7A
UM-8	100W	37	11038	9296	1.2A	0.6A
UM-10	100W	52	12060	13500	1.2A	0.6A
UM-11	100W	65	15000	14500	1.2A	0.6A
UM-12	100W	143	35000	35000	1.2A	0.6A

Product Specification

- DC24V Electric Actuator Product Specification
- The following values are based on 60HZ as reference.
The value varies slightly from the different frequency of the power supply.
- ※ If the working pressure is more than 10kgf-cm , you should replace it with a bigger one.
- ※ If you need to install modulating series or the torque of valve is too tight, you should replace it with a bigger one.

Models	Power	Speed 90 sec (60Hz)	Torque(5%) kgf-cm DC24V	No-loadcurrent consumption
				DC24V
UM-1	10W	2.5	250	0.1A
UM-1	10W	15	400	0.1A
UM2-1	10W	27	600	0.3A
UM2-7	10W	16	700	0.1A
R-3	10W	16	400	0.15A
R-5	10W	30	600	0.1A
R-10	10W	30	1000	0.1A
UM-3	30W	1	500	0.5A
UM-3	30W	8	1500	0.5A
UM-3-1	30W	1	500	0.3A
UM-3-1	30W	8	1500	0.3A
UM-4	30W	20	2500	0.3A
UM-4	30W	30	3500	0.5A
UM-6	65W	30	6000	0.8A
UM-8	100W	36	10000	0.7A

Product Specification

- AC24V Electric Actuator
- The following values are based on 60HZ as reference.
The value varies slightly from the different frequency of the power supply.

Models	Power	Speed 90 sec (60Hz)	Torque(5%) kgf-cm ² AC24V	No-loadcurrent consumption
				AC24V
UMS	3~4W	23	90	170mA

Represented by:



VALVES AND INSTRUMENTS

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