

## FLOWINN (SHANGHAI)INDUSTRIAL CO.LTD

### Headquarters

Flowinn (Shanghai) Industrial Co., Ltd.

### Branches


Flowinn (Taiwan) Industrial Co., Ltd.  
Flowinn Controls (Malaysia) SDN. BHD.

### Offices in China

Tianjin Office  
Guangzhou Office  
Shanghai Office

[WWW.FLOWINN.COM](http://WWW.FLOWINN.COM) [WWW.FLOWINNGLOBAL.COM](http://WWW.FLOWINNGLOBAL.COM)

Subject to change without prior notice.  
Not to Be Reproduced of part or all of this product manual is prohibited. According to copyright law, it is prohibited to use the content of this product manual for any other purpose without the permission of FLOWINN Company.

 **4001-888-278**

Ver: EN-FW202402-V01



# EOM Series

## Quarter-turn Electric Actuator





5+

Continents global sales

20%+

Annual business growth

60+

Product patents

500+

Customers served

150,000+

Reserve capacity

## Company Profile

Founded in 2007, FLOWINN is a high-tech enterprise focusing on the R&D, manufacturing, sales and service of electric actuators. With its subsidiaries of FLOWINN FLOW Controls, FLOWINN Technology, FLOWINN (Taiwan) Electronics and FLOWINN CONTROLS (Malaysia) providing our customers with a one stop solution to intelligent industrial networking for valve actuations.

With our own professional research and development team, we are specialized in the development for electric actuator products and have acquired for up to 100 patents and product certificates. Our business network spreads throughout the world and maintaining strategic collaboration with many of the world's Top 500 enterprises.

We always adhere to the philosophy of "Serving customers, Respect for employees, and be on site", to provide the best valve control solutions for our users.

## Product Classification

The EOM series quarter turn electric actuator is an electric device that controls the 0-90 degree switch of valves. It is mainly used for automatic control operations of valves such as ball valves, plug valves, butterfly valves, and louver valves.

The EOM series quarter turn electric actuators are mainly divided into two major series: the conventional series and the explosion-proof series. The direct output torque range is 10-20000N. m. According to different functional configurations, it can be divided into basic type, Integral type, Integrated type, and Intelligent type. Users can choose different models and configurations based on on-site engineering conditions and valve torque requirements.

The FLOWINN quarter turn series electric actuators have the characteristics of safety, stability, and reliability, which can meet different applications in different fields. Customized services can meet various needs of users.





# Product Classification

Regular Electric Actuators ▶▶▶

Integral (M)



EFMB-1/2/3 series

Basic (B)/Integral (M)



EFM1/A series

Basic (B)/Integral (M)



EFM1/A/B-H series

◀◀◀ Regular Electric Actuators

Integration ( Y )



EFM1/A/B-H series

Integration ( Y )



EOM2-9 series

Intelligent ( I )



EOM2-9 series

◀◀◀ Explosion proof electric actuator

Basic (B)/Integral(M)



EOM2-9 series

Basic (B)/Integral (M)



EOM10-12 series

Basic (B)/Integral (M)



EOM13-15 series

Integral type (M)



EXC(G)1/A/B series

Integral type (M)



EXB(C)2-9 series

Intelligent ( I )



EXCJ2-12 series

# Product Feature

## 01 | Professional Gear Mechanism Design

- Manual/electric automatic switching function, without clutch design.
- Planetary gear technology
- The unique planetary solar gear technology has obtained a national patent.

## 02 | Environmental Safety Design

- The product can equipped with DC motors and drive technology,It can receive the power supply of solar and wind power generation equipment.

## 03 | Noninvasive Handling

- The magnetic switch design without a through shaft is controlled by acting on the internal Hall switch design of the actuator.
- The intelligent electric actuator is equipped with a newly designed UI operation interface.
- The intelligent electric actuator can be equipped with portable infrared setting tools and intrinsically safe explosion-proof setting tools.

## ●●●● Function Introduction

### Torque Protection

The over torque protection function will automatically trip when the valve is stuck, preventing further damage to the valve and actuator.

### Run Diagnostics

The intelligent actuator is equipped with multiple sensing devices, which can real-time reflect the control signals, fault alarms, operating parameters, status indicators and other states received by the actuator. Multiple diagnostic functions can locate the location of faults and provide powerful directions for troubleshooting for users.

### Password Protection

The intelligent actuator has password protection function, which can authorize operators to avoid actuator failures caused by miss operation.

## 04 | Flexible Replace Accessories

- Interchangeable spline sleeve
- Interchangeability of connecting flanges
- It can be combined with sprockets for more convenient manual operation of high-altitude valves

## 05 | Visual Design

- Adopting high-strength, sun resistant, and RoHS compliant Plastic 3D window allows for comprehensive and multi perspective observation of travel changes.

### Operational Safety

F-class insulated motor, with a thermal protector installed on the motor winding to sense the temperature of the motor, providing over temperature protection and ensuring the safe operation of the motor. (Optional with H-class)

### Moisture-proof Heater

A heater is installed inside the actuator to prevent internal condensation.

### Phase Sequence Control

The phase sequence detection and correction function does not consider the phase sequence when connecting to the power supply, which avoids the damage caused by incorrect phase sequence and missing phase actuators and the driven devices.

# Functional Configuration

		Basic type ( B )	Integral type ( M )	integration ( Y )	Intelligent ( I )
Control Type	On/off type	✓	✓	✓	✓
	Modulating type	—	✓	✓	✓
Status Indicator	Indicator needle indication	✓	✓	—	—
	3D opening indication	✓	✓	✓	✓
	On/Off/Remote Control/Fault Signal Indicator Lamp	—	—	✓	✓
	On/off power indicator lamp	—	—	✓	✓
	LCD digital display opening percentage	—	—	—	✓
Human Computer Interaction	On site control (near/far control knob)	—	—	✓	✓
	Non invasive local control: open/close valve/stop knob local control/remote control/off knob	—	—	—	✓
	Intrusive on-site control	—	—	✓	—
Protection Function	Moisture-proof heater	✓	✓	✓	✓
	Overtorque protection	✓	✓	✓	✓
	Motor overheat protection	✓	✓	✓	✓
	Automatic correction of phase sequence (three-phase only)	—	✓	✓	✓
	Alarm signals (including local and remote)	—	—	—	✓
	Non intrusive protection	—	—	—	✓
	Data record	—	—	—	✓
	Password protection	—	—	—	✓
Feedback Signal	On/Off stroke limit	✓	✓	✓	✓
	Over torque in the each direction	✓	✓	✓	✓
	Semi adjustable one position feedback Potentiometer	✓	—	—	—
	4-20mA transmitter	✓	✓	✓	✓
	On/Off Contact (Contact Capacity: 5A@250VAC)	✓	✓	✓	—
	On/Off Contact (Contact Capacity: 3A@250VAC )	—	—	—	✓
	Comprehensive fault contact	—	✓	✓	✓
	Local/remote contacts	—	—	✓	✓
	Full open/close signal	✓	✓	✓	✓
Fieldbus	Modbus	—	—	—	✓
	HART	—	—	—	✓

Product Specification

Basic type		Integral type	Integration type	Intelligent type
Torque Range		35-20000N.m	10-20000N.m	35-20000N.m
Ambient Temperature		-25 ℃~70 ℃ (optional -40 ℃~60 ℃)	-25℃~70℃	
Noise		Less than 75 decibels within 1 meter		
Cable Entry		2 PG13.5' (<100N.m) 2 PG16(>100N.M)		2PG16
Operating Time		11-155s		19-155s
Protection Ingress		IP67 can be optionally equipped with IP68 (defined as 7 meters underwater, no leakage within 72 hours)	IP65, optional IP67	IP67
Connection		Compliant with ISO5211		
Motor Specifications		Standard F-class motor with thermal protector 135 ℃ (optional H-class motor)		
Vibration Resistance		According to JB/T8219		
Working Duty	On/off type	S2-15min, no more than 600 starts per hour		
	Modulating type	—	S4-50%, maximum: no more than 600 starts per hour (optional with 1200 starts per hour)	
Applicable Voltage		<ul style="list-style-type: none"><li>Single phase: power supply (± 10%); Hz (± 5%)<ul style="list-style-type: none"><li>50Hz (24/220/230/240V)</li></ul></li><li>60Hz (24/110/120/220/230/240V)<ul style="list-style-type: none"><li>Three phase: power supply (± 10%); Hz (± 5%)<ul style="list-style-type: none"><li>50Hz (220/240V)</li><li>60Hz (460/480V)</li><li>DC: 24V (± 10%)</li></ul></li></ul></li></ul> EFM series is only applicable to single-phase	<ul style="list-style-type: none"><li>Single phase: power supply (± 10%); Hz (± 5%)<ul style="list-style-type: none"><li>50Hz (24/220/230/240V)</li><li>60Hz (24/110/120/220/230/240V)</li></ul></li><li>Three phase: power supply (± 10%); Hz (± 5%)<ul style="list-style-type: none"><li>50Hz (220/240V, 380/400/460V)</li><li>60Hz (208/220/230/240/380/440/460/480V)<ul style="list-style-type: none"><li>DC: 24V (± 10%)</li></ul></li></ul></li></ul> EFM series is only applicable to single-phase	
Input Signal	On/off Type	Built in contacts, can support 5A@250VAC(Specific to be determined by the control box)	AC/DC24 input control or AC110/220V input control	AC/DC24 auxiliary power input Control - Optoelectronic Isolation
	Modulating type	—	Input signal: 4-20mA; 0-10V; 2-10V Input impedance: 250 Ω (4-20mA)	Input signal: 4-20mA; 0-10V; 2-10V Input impedance: 150 Ω (4-20mA)
Modulating Signal	output	—	Output signal: 4-20mA; 0-10V; 2-10V Output impedance: 750 Ω (4-20mA)	
	Signal reverse	—	Support	
	Singal loss mode	—	Support	
	Dead zone	—	≤2.5%	
Fault Signal	On/off type	Motor overheating Over torque	<ul style="list-style-type: none"><li>Comprehensive fault alarm: loss power, motor overheating,phase loss, over torque, and signal loss</li><li>EFM series has no torque option, and phase sequence alarm is only applicable to three-phase</li></ul>	<ul style="list-style-type: none"><li>Comprehensive fault alarm: power loss, motor overheating, phase loss, over torque, signal loss, ESD override protection</li></ul>

Remarks:

If you have special needs, you can consult our business personnel.

Product Specification

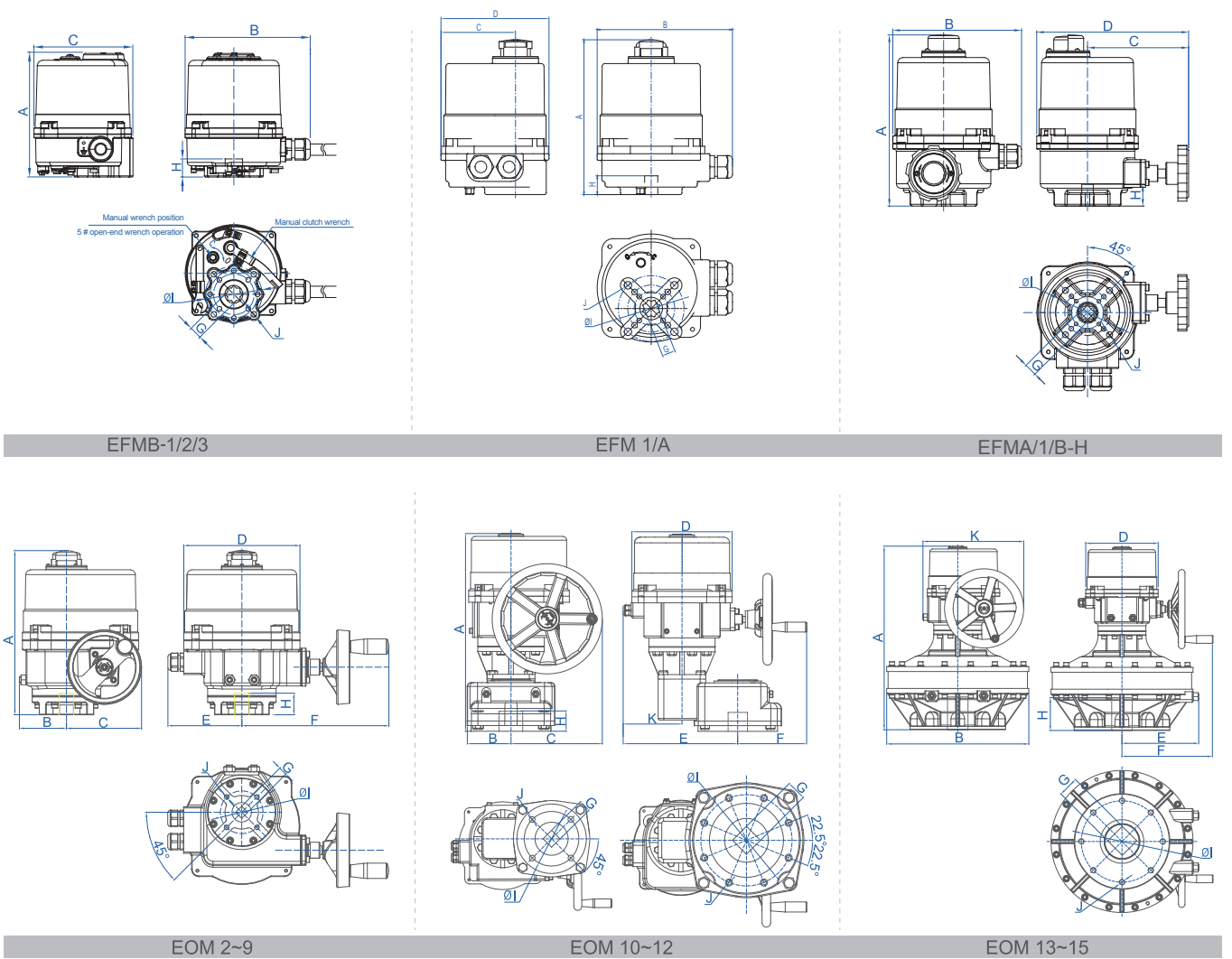
Model	Motor ( W )	Maximum output torque (N.m)			Maximum output torque (lbf. in)			Operating time (Sec)			ISO 5211	Notes
		AC/ DC24V	AC110V AC220V	AC 220V AC380V three-phase	AC/ DC24V	AC110V AC220V	AC 220V AC380V three-phase	50Hz		AC/DC24V		
								AC 110V AC 220V	AC 380V 三相			
EFMB-1	5	10		—	89		—	13	—	13	F03/F04/ F05	Manual wrench operation
EFMB-2	8	20		—	177		—	12	—	12		
EFMB-3	10	30		—	266		—	11	—	11		
EFM1-(H)	10	35		—	310		—	11	—	8	F03/F05/ F07	Manual wrench/ Handwheel operation
EFMA-(H)	10	50		—	443		—	15	—	10		Handwheel operation
EFMB-(H)	10	80		—	708		—	22	—	15		
EOM2	40	100			885			19		14	F05/F07/ F10/F12	Handwheel operation planetary gear mechanism
EOM3	40	200			1770			39		28		
EOM3A	60	300			2655			39		28		
EOM4	90	400			3540			29		21	F10/F12/ F14	
EOM5	90	600			5310			39		28		
EOM6	90	800			7080			47		34		
EOM7	120	1000			8850			47		34	F12/ F14/ F16	
EOM7A	120	1300			10505			47		34		
EOM8	200	—	1700		—	15045		34		—		
EOM8A	200	—	2000		—	17700		34		—	F14/F16	
EOM9	200	—	2300		—	20335		47		—		
EOM10	200	—	3500		—	30975		76		—		
EOM11	200	—	5000		—	44250		105		—	F25	
EOM12	200	—	8000		—	70800		143		—		
EOM13	400	—		13000	—		115050	—	109	—	F25/F30	
EOM14	400	—		16000	—		141600	—	129	—		
EOM15	400	—		20000	—		177000	—	155	—		

Remarks:

1. Factory standard configuration of the product. The above markings "-" are not applicable.
2. The rated torque is 0.75 times of the maximum torque.
3. The standard insulation level of the motor is class F, and class H can be optional.
- 4.The opertating time of 60Hz is 5/6 times that of 50Hz, and the maximum output torque is the same as above.
5. For the 3A, 7A, and 8A products mentioned above, the duty type is S2-8min, and the modulating type is S4-15%.
- 6.The operating time is within 10s, only on-off type can be selected, and there is no over torque switch.

If you have special needs, you can consult our business personnel.

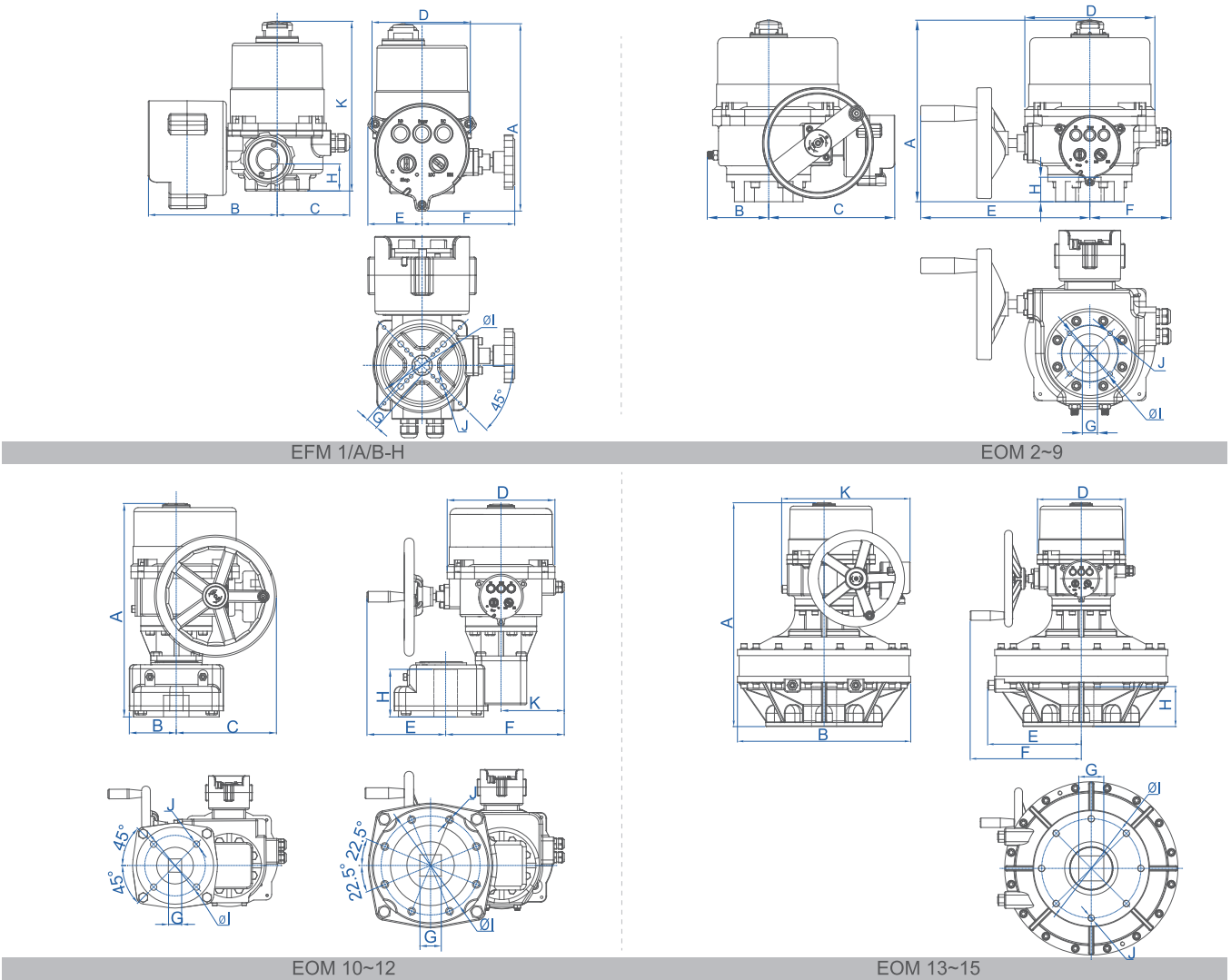
Product Dimension  
Basic / Integral Type



											Unit: mm		
model		A	B	C	D	E	F	G	H	ΦI	J	Weight (kg)	
EFMB-1		110	111	87.5	—	—	—	11x11	16	36	4-M5	1	
EFMB-2										42	4-M5		
EFMB-3										50	4-M5		
EFM1	On/off type	165	145±2	79	115	—	—	11x11	20	36	4-M5	3	
EFMA	Modulating type	185						50		4-M6	3.2		
										70	4-M8		
EFM1-H	On/off type	192	145±2	113.5	172	—	—	11x11	20	36	4-M5	3.6	
EFMA-H	Modulating type	212						14x14		50	4-M6	3.8	
EFMB-H								17x17		70	4-M8		
EOM2		268	79±2	123	190	123±2	243±2	14x14	35	70	4-M8	11	
EOM3								17x17		102			
EOM4								22x22		102			4-M10
EOM5		327	109±2	187	232	146±2	280±2	22x22	55	102	4-M10	22	
EOM6								27x27		125	4-M12		
EOM7								27x27		125	4-M12		
EOM8		378	128	242	267	162.5	333	27x27	65	125	4-M12	36	
EOM9								36x36		140	4-M16		
EOM10								40x40		140	4-M16		
EOM11								46x46		165	4-M20		
									85	165	4-M20	76	
EOM12		549	160	242	267	343	160	55x55	130	254	8-M16	107	
EOM13		672	520	—	267	281	331	55x55	120	254	8-M16	218	
EOM14										298	8-M20		
EOM15													

Note: 1. The above "G" size is recommended, and our company can make corresponding matching sizes according to customer requirements.  
2. The dimensions of "I" and "J" mentioned above are according to the ISO 5211 flange specifications, there is only one specification available for selection.  
Please indicate it when ordering.

Product Dimension  
Integration Type

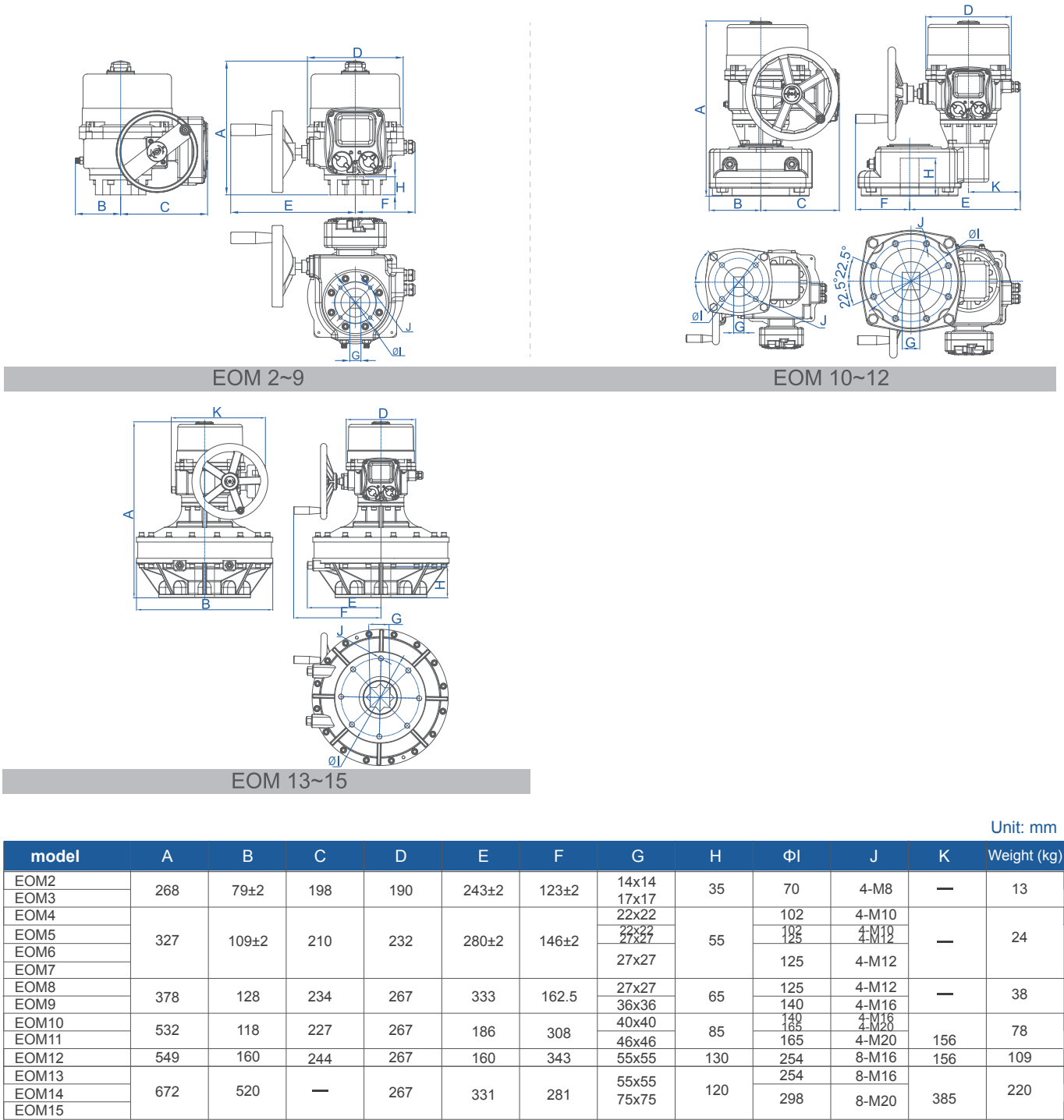


model	A	B	C	D	E	F	G	H	ΦI	J	K	Unit: mm Weight (kg)
EFM1-H	217	152	89±3	114	63	113.5	11x11	20	36	4-M5	197	4.7
EFMA-H							14x14		50	4-M6		4.9
EFMB-H							17x17		70	4-M8		
EOM2	268	79±2	210	190	243±2	123±2	14x14	35	70	4-M8	—	12.2
EOM3							17x17		102	4-M10		
EOM4							22x22		102	4-M10		
EOM5	327	109±2	227	232	280±2	146±2	22x22	55	102	4-M10	—	23.2
EOM6							27x27		125	4-M12		
EOM7							27x27		125	4-M12		
EOM8	378	128	248	267	333	162.5	27x27	65	125	4-M12	—	37.2
EOM9							36x36		140	4-M16		
EOM10							40x40		165	4-M20		
EOM11	532	118	242	267	186	308	46x46	85	165	4-M20	156	77.2
EOM12							55x55		254	8-M16		
EOM13	672	520	—	267	331	281	55x55	120	254	8-M16	385	219.2
EOM14							75x75		298	8-M20		
EOM15							75x75		298	8-M20		

Note: 1. The above "G" size is recommended, and our company can make corresponding matching sizes according to customer requirements.  
2. The above "Φ" The dimensions of "I" and "J" are according to ISO 5211 flange specifications, there is only one specification available for selection.  
Please specify it when ordering.



Product Dimension  
Intelligent Type



Note: 1. The above "G" size is recommended, and our company can make corresponding matching sizes according to customer requirements.  
2. The above "Φ" The dimensions of I "and" J "are according to ISO 5211 flange specifications,there is only one specification available for selection.  
Please specify it when ordering.

Explosion-proof Product



NEPSI certification  
CCC certification

- NEPSI explosion-proof:GB/T 3836.1; GB/T 3836.2; GB/T 3836.31; GB/T 3836.35
- Ex db IIB/ IIC T4~T6 Gb
- Ex tb IIIC T80°C / T100°C / T135° Db
- Temperature range: -20°C ~+65°C ; Optional: -40°C~+65°C
- Protection level: IP67; Optional: IP68 (according to IEC60529) IP66 (EXCJ series)



ATEX certification

- NEPSI explosion-proof:GB/T 3836.1; GB/T 3836.2; GB/T 3836.31; GB/T 3836.35
- Ex II 2 G Ex db IIB/IIC T4~T6 Gb
- Ex II 2 D Ex tb IIIC T85°C/T100°C/T135°C Db
- Temperature range: -20°C ~+65°C ; Optional: -40°C~+65°C
- Protection level: IP67; Optional: IP68 (according to IEC60529) IP66 (EXCJ)



IECEx certification

- IECEx. IEC 60079-0:2017; IEC600679-1:2014-06; IEC60079-31:2013
- EXB series: Ex db IIB T4~T6 Gb; Ex tb IIIC T85°C/ T100°C/ T 135°C Db
- EXC and EXCG series :Ex db IIC T4~T6 Gb; Ex tb IIIC T85°C/ T100°C/ T 135°C Db
- EXCJ series: Ex db IIC T4~T6 Gb; Ex tb IIIC T85°C/ T100°C/ T 135°C Db
- Temperature range: -20°C ~+65°C ; Optional: -40°C~+65°C
- Protection level: IP67; Optional: IP68 (according to IEC60529) IP66 (EXCJ)

CSA certification

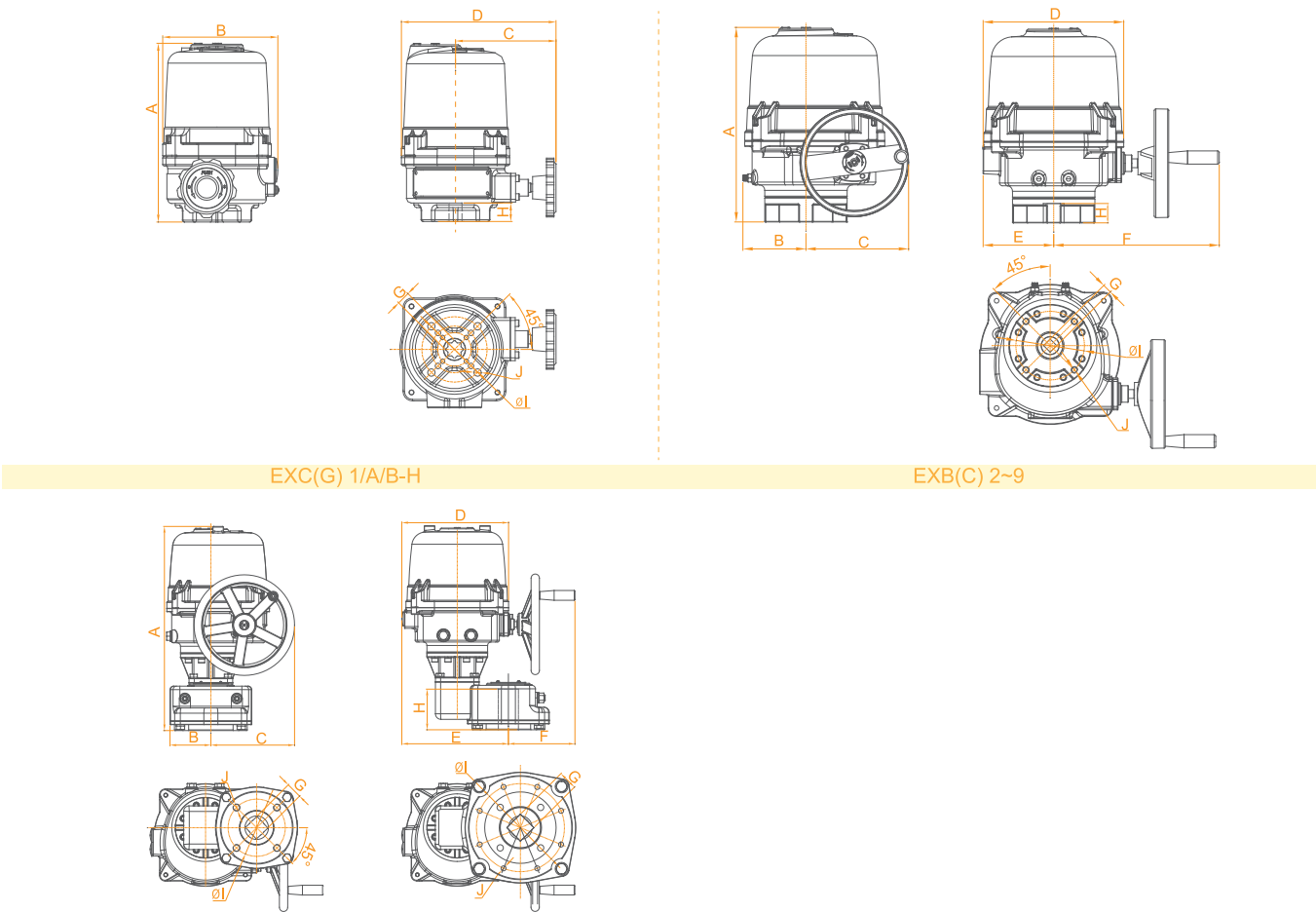
- CSA Explosionproof to CSA 60079-0-11; CSA 60079-1-11; CSA 60079-31-12;
- UL 60079-0-11; UL 600679-1-11; IAS 60079-31-13
- Ex d IIB / IIC T4-T6 Db,
- Ex tb IIIC T135°C-T85°C Db,
- Class I, Zone 1, AExd IIB T6 Gb
- Zone 21, ATEX tb IIIC T135 Db
- Temperature range: -25°C ~+65°C
- Protection level: IP66

Explosion-proof Product

Model	Power ( W )	Maximum output torque (N.m)			Maximum output torque (lbf. in)			Operating time (Sec)			ISO 5211	Notes
		AC/ DC24V	AC110V AC220V	AC 220V AC380V three-phase	AC/ DC24V	AC110V AC220V	AC 220V AC380V three-phase	50Hz		AC/DC24V		
								AC 110V AC 220V	AC 380V 三相			
EXC(CG)1*	10	35	—		310	—		11	—	8	F03/F05/ F07	Handwheel operation
EXC(CG)A*	10	50	—		443	—		15	—	10		
EXC(CG)B*	10	80	—		708	—		22	—	15		
EXB(C)(CJ)2	40	100			885			19		14	F05/F07/ F10/F12	Handwheel operation planetary gear mechanism
EXB(C)(CJ)3	40	200			1770			39		28		
EXB(C)(CJ)4	90	400			3540			29		21		
EXB(C)(CJ)5	90	600			5310			39		28	F10/ F12/F14	
EXB(C)(CJ)6	90	800			7080			47		34		
EXB(C)(CJ)7	120	1000			8850			47		34		
EXB(C)(CJ)8	200	—	1700		—	15045		34		—	F12/ F14/F16	
EXB(C)(CJ)9	200	—	2300		—	20355		47		—		
EXB(C)(CJ)10	200	—	3500		—	30975		76		—		
EXB(C)(CJ)11	200	—	5000		—	44250		105		—	F14/F16	
EXB(C)(CJ)12	200	—	8000		—	70800		143		—		
											F25	

Note: 1. Standard configuration of the product at the factory. The above markings "-" are not applicable.  
2. The rated torque is 0.75 times the maximum torque.  
3. The standard factory protection level of the motor is F level insulation, and H level can be selected.  
4. The switching time of 4.60Hz is 5/6 times that of 50Hz, and the maximum output torque is the same as above.  
5. "CG" in "" represents the specification of the modulating product of this model.

Explosion-proof Product  
Integral Type

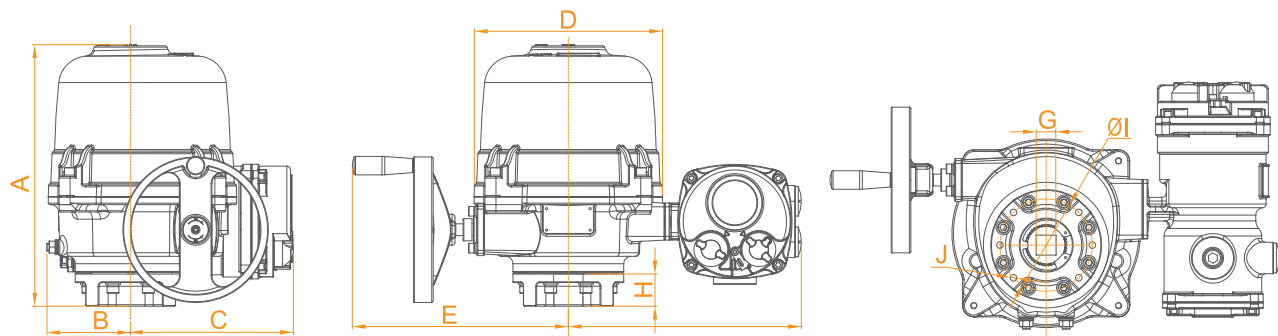


EXB(C)10~12												Unit: mm
Model		A	B	C	D	E	F	G	H	ΦI	J	Weight (kg)
EXC1 EXCA EXCB	On/off type	192	121	108	167	—	—	11x11	20	36 50 70	4-M5 4-M6 4-M8	3.2
EXCG1 EXCGA EXCGB	Modulating type	212	121	108	167	—	—	11x11	20	36 50 70	4-M5 4-M6 4-M8	3.6
EXB(C)2 EXB(C)3		286	83	126	209	108	242	14x14 17x17	35	70	4-M8	11
EXB(C)4 EXB(C)5 EXB(C)6 EXB(C)7		354	115	187	256	129	302	22x22 22x22 27x27	55	102 125 125	4-M10 4-M10 4-M12	22
EXB(C)8 EXB(C)9		415	136	242	308	152	340	27x27 36x36	65	125 140	4-M12 4-M16	36
EXB(C)10 EXB(C)11		589	118	242	308	308	192	40x40 46x46	85	140 165	4-M18 4-M20	76
EXB(C)12		602	160	242	308	343	160	55x55	130	254	8-M16	107

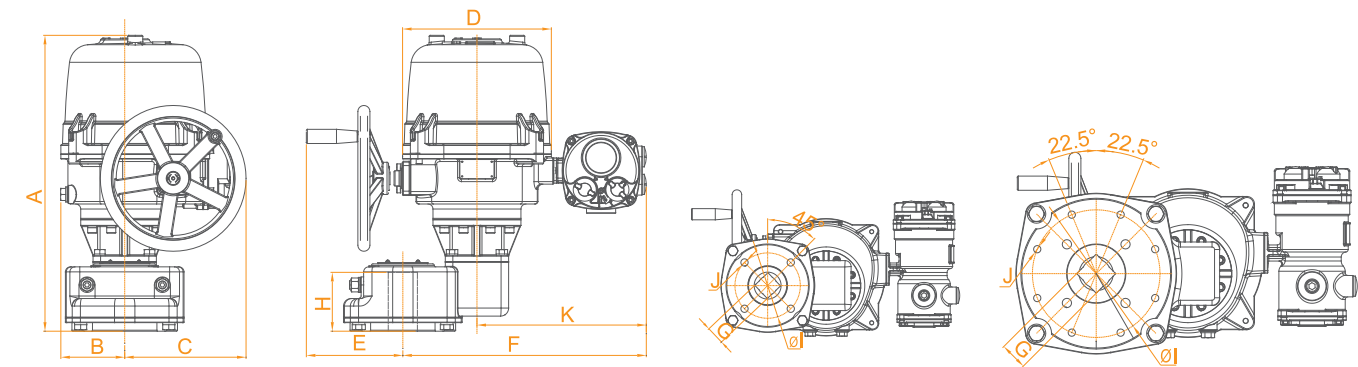
Note: 1. The above "G" size is recommended, and our company can make corresponding matching sizes according to customer requirements.  
2. The above "Φ" The dimensions of "I" and "J" are according to ISO 5211 flange specifications, there is only one specification available for selection.  
Please specify it when ordering.



Explosion-proof Product  
Intelligent Type



EXCJ 2~9



EXCJ 10~12

Unit: mm												
Model	A	B	C	D	E	F	G	H	ΦI	J	K	Weight (kg)
EXCJ 2	286	83	160	209	242	294	14x14 17x17	35	70	4-M8	319	13
EXCJ 3	286	83	160	209	242	294	14x14 17x17	35	70	4-M8	319	13
EXCJ 4	354	113	220	255	293	315	22x22	55	102	4-M10	319	24
EXCJ 5	354	113	220	255	293	315	22x22 27x27	55	102 125	4-M10 4-M12	319	24
EXCJ 6	354	113	220	255	293	315	27x27	55	125	4-M12	319	24
EXCJ 7	354	113	220	255	293	315	27x27	55	125	4-M12	319	24
EXCJ 8	415	127	242	296	340	337	27x27	65	125	4-M12	319	38
EXCJ 9	415	127	242	296	340	337	36x36	65	140	4-M16	319	38
EXCJ 10	589	127	242	296	192	484	40x40	85	140 165	4-M16 4-M20	337	78
EXCJ 11	589	127	242	296	192	484	46x46	85	165	4-M20	337	78
EXCJ 12	545	160	244	296	160	519	55x55	130	254	8-M16	337	109

Note: 1. The above "G" size is recommended, and our company can make corresponding matching sizes according to customer requirements.  
2. The above "Φ" The dimensions of I "and" J "are according to ISO 5211 flange specifications, there is only one specification available for selection.  
Please specify it when ordering.

Other Product

Battery Backup ▶▶▶

Using high-performance lithium batteries as backup power, the battery is charged and in standby mode when the power supply is normal; When the system power is cut off, the battery supplies power to the actuator to execute to the preset position.



This figure is for reference only.  
You can consult our business personnel for specific model parameters

- Power voltage: 24VAC/DC standard configuration;  
Other voltages need to be matched with power adapters(transformers/switching power boxes);  
EFM1/A/B - (H) series 100VA EOM2-3 series 250VA EOM4-7 series 500VA
- Environmental temperature: -20 ° C~50 ° C
- Relative humidity: ≤ 90% (25 ° C)
- Working environment: does not contain strongly corrosive, flammable, or explosive media
- Working hours: S1 continuous working system
- Control signal: on/off type contact signal
- Protection level: standard IP67; Optional: IP68
- Battery parameters: 24V DC, 1500m AH, charging time 5 hours
- Power loss mode: fully open, fully closed, hold
- Number of power loss operations: ≥ 5 full strokes
- Output torque: ≤ 1000N. m
- Note: For technical parameters such as torque and operating time, please refer to the 24Vac/dc series products.

Quick Open&Slow Open ▶▶▶

According to actual usage conditions, FLOWINN can provide corresponding solutions according to specific needs when it is necessary to quickly or slowly open and close valves.

Model	Power ( W )	Maximum output torque (N.m)		Maximum output torque (lbf. in)		Operating time (Sec)			ISO 5211	Weight ( kg )	Pair Explosion proof type	Notes
		AC 110V AC220V AC/DC24V	AC380V three-phase	AC 110V AC220V AC/DC24V	AC 220V AC380V three-phase	AC 110V AC 220V	AC380V three-phase	Battery reset AC/DC 24V				
EFMQ2-1	40	30		266		2		1.8	F05 or F07 or F10	11	EXB(C)2	Handwheel operation planetary gear mechanism
EFMQ2-2		45		398		3		2.8				
EFMQ2-3		25		220		2		3.6				
EFMQ2-4		30		266		3		4.6				
EFMQ2-5		35		310		6		5.4				
EFMQ2-6		45		398		7		6.4				
EFMQ2-7		55		487		8		7.2				
EFMQ2-8		65		575		9		8.2				
EFMQ2-9		75		664		10		9.0				
EFMQ4-1	120	105		930		4		3.6	F10 or F12 or F14	22	EXB(C)4	
EFMQ4-2		130		1151		5		4.6				
EFMQ4-3		155		1372		6		5.4				
EFMQ4-4		180		1593		7		6.4				
EFMQ4-5		210		1860		8		7.2				
EFMQ4-6		235		2080		9		8.2				
EFMQ4-7		260		2300		10		9.0				
EFMQ8-1	200	250		2213		4		3.6	F10 or F12 or F14	36	EXB(C)8	
EFMQ8-2		310		2744		5		4.6				
EFMQ8-3		370		3275		6		5.4				
EFMQ8-4		435		3850		7		6.4				
EFMQ8-5		500		4425		8		7.2				
EFMQ8-6		560		4956		9		8.2				
EFMQ8-7		620		5487		10		9.0				

Other Options

More accessories available for selection

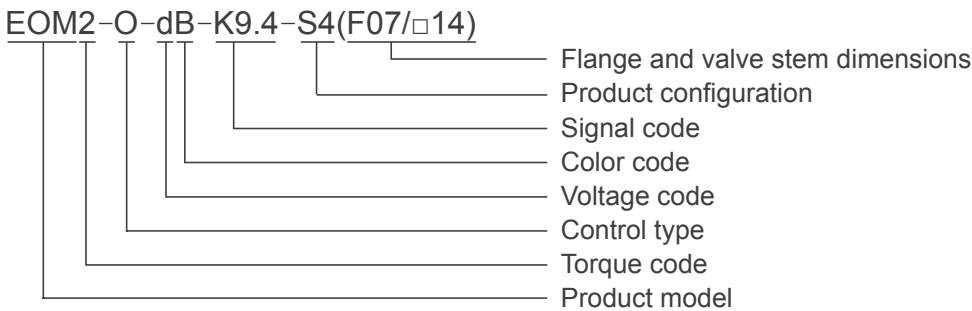
Product Type	Flange	Spline sleeve	Independent terminal box	Sprocket	Remote control	Explosion proof remote control
Basic / Integral Type	✓	✓	✓	✓	—	—
Integration Type	✓	✓	✓	✓	—	—
Intelligent Type	✓	✓	✓	✓	✓	—
Explosion proof series	✓	✓	—	✓	—	✓

More optional features

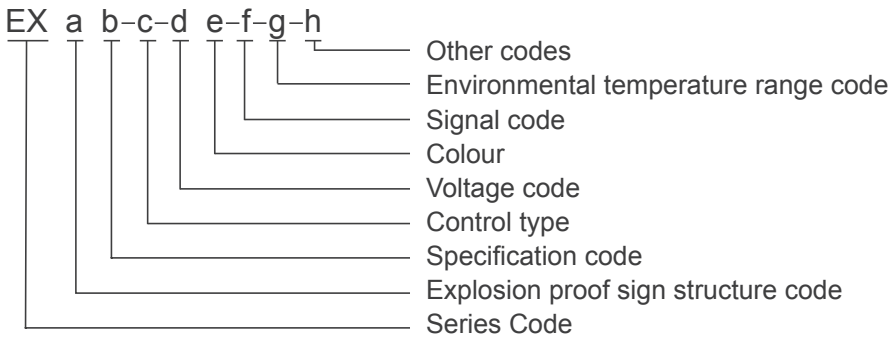
Product type	Quick open (Customize the switching time according to the needs, Add quick opening type)	Slow opening (Customize the switching time according to the needs, Add slow opening function)
Regular series	✓	✓
Explosion proof series	✓	—

Order Code

Regular series



Explosion proof series



Quality & Service



Quality & Service

FLOWINN's professional service team is always ready to provide you with comprehensive services and professional technical support:

- We are always waiting to serve you, whether it is by phone, email, or rushing to the scene, we will do our best.
- Stable delivery time.
- Professional team rushed to the site for installation and debugging
- Regularly track the usage of our products and conduct on-site maintenance
- Provide professional technical training for users and distributors - product structure, operation, debugging, and maintenance

Customized solutions:

- For FLOWINN, there is no "IMPOSIBILITY".
- Based on special circumstances, we provide customized solutions.

2 years warranty

7 day  
Standard products  
7 days leadtime