

## Quater Turn Actuator

Fig. EQD\*\*

### Standard

Meet: EN60730-1:2000 / EN60730-2-14:1997  
 EN61000-6-2:2005 / EN61000-6-3:2007  
 Connection: ISO5211

### Technical data

Supply Voltage: AC 220V / AC 380V / AC 24V  
 Control Signal: 0(2)~10V / 4~20mA.  
 Torque: 35 N•m ~ 8000 N•m  
 Enclosure protection: IP67 / IP68  
 Ambient Temperature: - 30 ~ 70°C  
 Altitude: ≤1000m  
 Ambient Humidity: ≤90%

### Optional functions

- 1, Integrated Control, with local/remote Control conversion function optional  
 And can hav local modulating/ on-off/stop function.
- 2, optional infrared modulating module.
3. Communication interfaces such as M-Bus are optional
- 4, Failure protection function
- 5, Other special functional requirements.

### Schema



### Feature

- Safe and futuristic – manual override function
- Light mechanism, light Weight, small size
- Accurate stroke positioning
- Motor overheat protection function
- Seal has precise structure and good waterproof performance
- An independent junction box can be set
- High performance special valve motor
- Multiple Control modes
- High Enclosure protection and explosion proof rating

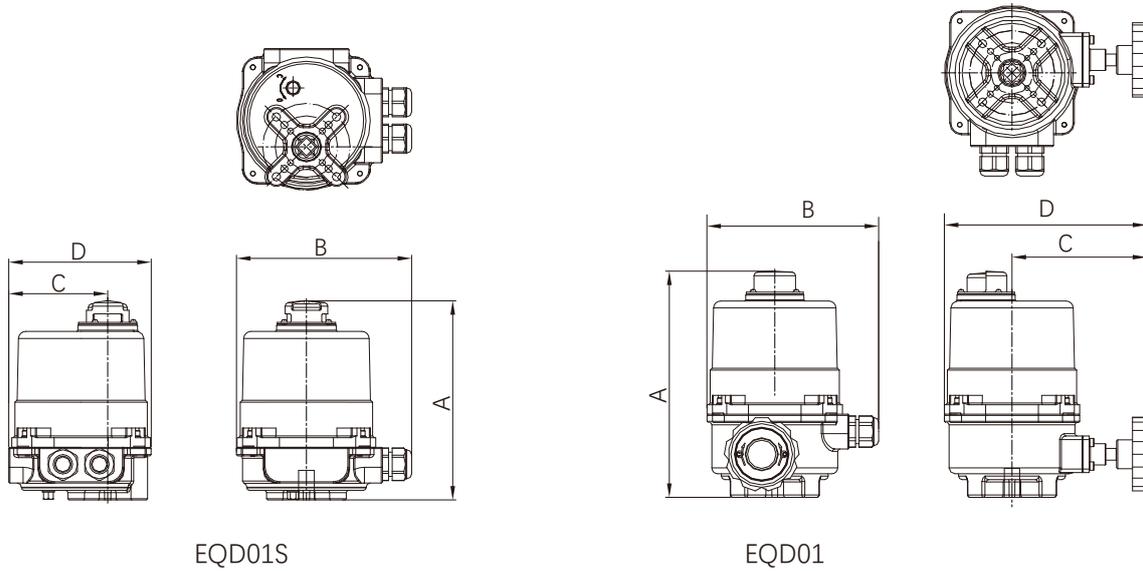
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## Valve Matching

Model	EQD01	EQD02	EQD03	EQD04	EQD05	EQD06	EQD07
PN16	2~5"	6~8"	10"	12"	-	-	14"
Model	EQD08	EQD09	EQD10	EQD11	EQD12	EQD13	EQD14
PN16	16"	18"	20"	24"	-	-	-

## Dimensions

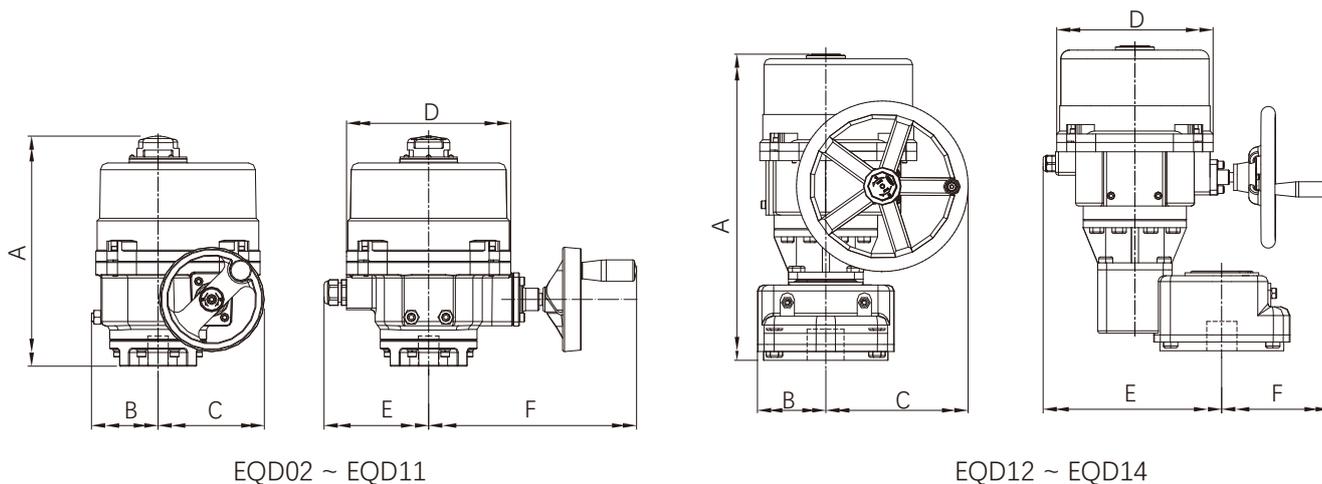


Model	A	B	C	D	E	F	H
EQD01S	165	150	82	118	--	--	--
EQD01	192/212	150	135	170	--	--	20

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Fig. EQD\*\*

## Dimensions



Model	A	B	C	D	E	F	H
EQD02	268	77	123	216	121	240	35
EQD03							
EQD04							
EQD05	327	103	187	266	150	297	55
EQD06							
EQD07							
EQD08							
EQD09	380	127	242	293	161	333	65
EQD10							
EQD11	532	118	242	293	308	186	85
EQD12							
EQD13							
EQD14	545	160	242	293	343	160	130

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### Technical data

Model	Max Torque/Nm		Power W AC220V AC380V	Ampere A AC220V / AC380V	Operation time s AC220V AC380V	Connection ISO5211	Max Shaft mm	Weight Kg
	AC220V 50Hz Single phase	AC380V 50Hz Three phase						
EQD01	50	—	10	0.21 / -	15	F03 / F05 / F07	□11-14, $\Phi \leq 14$	3
EQD02	100	100	40	0.42 / 0.32	19	F05 / F07 / F10	□11-17, $\Phi \leq 24$	11
EQD03	200	200	40	0.42 / 0.32	39	F05 / F07 / F10	□11-17, $\Phi \leq 24$	11
EQD04	300	300	40	0.46 / 0.35	39	F05 / F07 / F10	□11-17, $\Phi \leq 24$	11
EQD05	400	400	90	0.9 / 0.62	29	F10 / F12 / F14	□17-27, $\Phi \leq 38$	22
EQD06	600	600	90	0.9 / 0.62	39	F10 / F12 / F14	□17-27, $\Phi \leq 38$	22
EQD07	800	800	90	0.9 / 0.62	47	F10 / F12 / F14	□17-27, $\Phi \leq 38$	22
EQD08	1000	1000	120	1.1 / 0.8	47	F10 / F12 / F14	□17-27, $\Phi \leq 38$	22
EQD09	1300	1300	120	1.3 / 0.92	47	F10 / F12 / F14	□17-27, $\Phi \leq 38$	22
EQD10	1700	1800	120	2.5 / 1.3	64	F10 / F12 / F14	□17-27, $\Phi \leq 38$	29
EQD11	2300	2300	200	2.2 / 1.1	38	F12 / F14 / F16	□27-36, $\Phi \leq 50$	36
EQD12	3500	3500	200	2.2 / 1.1	76	F14 / F16	□36-46, $\Phi \leq 65$	76
EQD13	5000	5000	200	2.2 / 1.1	105	F14 / F16	□36-46, $\Phi \leq 65$	76
EQD14	8000	8000	200	2.2 / 1.1	143	F14 / F16	□46-55, $\Phi \leq 75$	107