



Product specification:QT1–QT5

Operating stroke:90° ±5°

Protection level: IP67

Output torque:50–2500Nm

Product category:common type,explosion–proof type,regulating type,on–site on/off type,intelligent type

Motor power supply: 110/220V AC 1PH 380/440V AC 3PH 50/60HZ Special power requirements need to be communicated in advance!

Environmental temperature: –30 °C~+70 °C –30 °C~+150 °C Special temperature requirements must be confirmed before ordering!

QT Series Electric Actuator adopts squirrel cage motor with high output torque Transmission mode is worm wheel /rod drive. And output shaft belongs to worm wheel pair drive and can realize self–lock at any position. Actuator shell adopts die–casting aluminum technology and precision machining to ensure small volume, light weight. Its appearance is treated with spraying–plastic technology, with good appearance quality.

Main dimensions(mm)

Model	A1	A2	A3	B	B1	ψD	ψD1	H1	H2	H3	L	L1	L2	N	M
QT1	44	17	336	75	68	102	170	60	256	109	179	62	/	/	/
QT2	49.5	22.5	30	85	77.5	200	200	64	263	113	187	85	76	/	/
QT3	60	33	35	100	77	250	220	70	298	119	202	88	76	125	ψ216
QT4(QT4X)	70	43	38	115	87	250	260	78	342	127	225	106	76	135	ψ258

Flange Dimension

Model	ISO5211 FCODE	ψ d1	ψ d3	ψ d7		ψ d8	T	T1	ψ d	n–d4 DEPTH
				Reserved Dimension	Maximum Permissible					
QT1	F05	65	50	8	22	38	40	43	102	4–M6 depth 12
	F07	90	70	8	22	38	40	43	102	4–M8 depth 14
QT2	F07	90	70	10	25	45	45	49	125	4–M8 depth 15
	F10	125	102	10	25	45	45	49	125	4–M10 depth 18
QT3	F10	125	102	15	35	56	50	53	145	4–M10 depth 18
	F12	150	125	15	35	56	50	53	145	4–M12 depth 20
QT4	F12	150	125	15	42	65	58	62	175	4–M12 depth 20
	F14	175	140	15	42	65	58	62	175	4–M16 depth 24
QT4X	F14	175	140	20	52	82	62	72	/	4–M16 depth 26
	F16	210	165	20	52	82	62	72	/	4–M20 depth 32

Note:1. Other specifications and flange standards are available upon request.

2. Design and specifications are subject to change without prior notice.