

# Electric Actuator Datasheet

Your Reference: Request for quotation 1526927  
 Our Reference: CUK128417-00-1 CUK128417-00-1 CUK128417-00-1  
 Site Reference:  
 Date of Quotation: 10/01/2025 10/01/2025 10/01/2025

Item	Units			
Line Number		3	4	1
Tag Number				
Quantity	Each	1	1	1

Valve Requirements	Units			
Type				
Size				
Class				
Torque	Nm	1000.00	250.00	108.00
Modulating Torque	Nm			
Thrust	kN			
Modulating Thrust	kN			
Coupling Type		Standard	Standard	Standard
Coupling Dimension	mm			
Turns		0.25	0.25	
Stroke	mm			
Operating Time	secs			
Max. Handwheel Rim Pull	N	700.00	700.00	700.00

Equipment Offered	Units			
Actuator		IQT 1000 F12/F14 WT	IQT 250 F07/F10 WT	IQ3 18 F10 B4 WT
Actuator Speed	rpm			29
Secondary Gearbox				
Gearbox Ratio				
Output Flange		F12	F10	F10
Coupling Type		Bore and Rectangular Key	Bore and Rectangular Key	Thrust Base - Key
Coupling Dimension	mm	60.00	42.00	52.00
Maximum NRS Diameter	mm	60.00	42.00	52.00
Maximum RS Diameter	mm			
Actuator Weight	kg	36.77	21.79	30.87
Gearbox Weight	kg			
Combination Weight	kg	36.77	21.79	31.00
Handwheel Type		SSHW	SSHW	THW
Handwheel Ratio		344.00	188.00	1.00
Handwheel Turns		86.00	47.00	1002.00
Rim Pull	N	140.00	65.00	319.11

Actuator Performance	Units			
Torque	Nm	1000.00	250.00	108.00
Modulating Torque	Nm			
Thrust	kN			44.00
Modulating Thrust	kN			
Resultant Thrust	kN			
Output Speed	rpm			
Linear Speed	mm/sec			
Operating Time	secs	30.00	8.00	417.50

Requested Safety Factors				
Torque		1.00	1.00	1.00
Modulating Torque		1.00	1.00	1.00
Thrust		1.00	1.00	1.00
Modulating Thrust		1.00	1.00	1.00

Calculated Safety Factors				
Torque		1.00	1.00	1.02
Modulating Torque				
Thrust				
Modulating Thrust				

Electrical Data				
Voltage	V	415	415	480
Phase	∅	3	3	3
Frequency	Hz	50 Hz	50 Hz	60 Hz
Starting current	A			8.02
Starting power factor				0.91
Rated load current	A			2.62
Current at average load	A	2.00	1.20	1.27
Power factor at average load		0.95	0.95	0.57
Motor power at average load	kW	0.45	0.43	0.50
Number of poles of motor				