Electric Actuator Datasheet

Your Reference:	Request for quotation 1844583
Our Reference:	CUK146130-00-1
Site Reference:	
Date of Quotation:	20/02/2026

Item	**Units**		
Line Number		1	2
Tag Number			
Quantity	Each	1	1
Valve Requirements	**Units**		
Type			
Size			
Class			
Torque	Nm	678.00	500.00
Modulating Torque	Nm		
Thrust	kN		
Modulating Thrust	kN		
Coupling Type		Standard	Standard
Coupling Dimension	mm		
Turns			0.25
Stroke	mm		
Operating Time	secs		
Max. Handwheel Rim Pull	N	700.00	700.00
Equipment Offered	**Units**		
Actuator		IQ3 40 F25 Z3 WT	IQT 500 F10 WT
Actuator Speed	rpm	57	
Secondary Gearbox			
Gearbox Ratio			
Output Flange		F25	F10
Coupling Type		Thrust Base - Threaded	Bore and Rectangular Key
Coupling Dimension	mm	73.00	
Maximum NRS Diameter	mm		
Maximum RS Diameter	mm		
Actuator Weight	kg	145.28	21.79
Gearbox Weight	kg		
Combination Weight	kg	145.28	21.79
Handwheel Type		SSHW	SSHW
Handwheel Ratio		15.00	360.00
Handwheel Turns			90.00
Rim Pull	N	427.14	120.00
Actuator Performance	**Units**		
Torque	Nm	678.00	500.00
Modulating Torque	Nm		
Thrust	kN	220.00	
Modulating Thrust	kN		
Resultant Thrust	kN		
Output Speed	rpm	57.00	
Linear Speed	mm/sec		
Operating Time	secs		15.00
Requested Safety Factors			
Torque		1.00	1.00
Modulating Torque		1.00	1.00
Thrust		1.00	1.00
Modulating Thrust		1.00	1.00
Calculated Safety Factors			
Torque		1.00	1.00
Modulating Torque			
Thrust			
Modulating Thrust			
Electrical Data			
Voltage	V	460	380
Phase	Ø	3	3
Frequency	Hz	60 Hz	50 Hz
Starting current	A	46.30	
Starting power factor		0.65	
Rated load current	A	12.31	
Current at average load	A	5.05	1.20
Power factor at average load		0.92	0.95
Motor power at average load	kW	3.83	0.43
Number of poles of motor		2	