

TECHNICAL DATA SHEET OF NC50 Series NEW MOTOR

		Range	NC50	
		Model	NC50 N2	NC50 W N2
		Part number	2371163	2371164
Motor mechanical characteristics	Nominal torque	Nm	1.0	1.0
	Maximum stall torque	Nm	1.2	1.2
	No load speed	rpm	105rpm+/-5rpm	105rpm+/-5rpm
	Nominal speed	rpm	105rpm+/-5rpm	105rpm+/-5rpm
	Working temperature	°C (°F)	0°C to +60°C 85%HR at 35°C (+32°F to +140°F 85%HR at 95°F)	0°C to +60°C 85%HR at 35°C (+32°F to +140°F 85%HR at 95°F)
	Storage temperature	°C (°F)	-30°C to +80°C 85%HR at 35°C (-22°F to +176°F 85%HR at 95°F)	-30°C to +80°C 85%HR at 35°C (-22°F to +176°F 85%HR at 95°F)
	Manual operation		Yes	Yes
	Type of limit		Adjustable limits	Limits on hard stop
	Limit switch accuracy	mm	+/-10	+/-10
	Protection index	IP	30	30
	Soft stop		Yes	Yes
	Soft start		No	No
	Noise level	dB(A)	42	42
	Net weight of the motor	g	822	825



Electrical characteristics	Voltage range	Vac	100 - 240V	100 - 240V
	Frequency range	Hz	47 - 63Hz	47 - 63Hz
	Maximum Current	A	0,6 at 120VAC ; 0,3 at 240VAC	0,6 at 120VAC ; 0,3 at 240VAC
	Stand by power	W	Max 2	Max 2
	Power cable type		RVV	RVV
	Power cable number of wire		3	4
	Power cable wire section (Ø)	mm ²	0.5	0.5
	Control connector		RJ12	RJ12
	Control method		RTLn Control	WT Switch
	Dry contact minimum closure time	ms	200	N/A
	Voltage in control line (supplied by the motor)	V	3.3V	N/A
	Maximum impedance in DCT control circuit	V	1V	N/A
	Insulation class		I	I

	Maximum running time in one direction		2.5min	2.5min
Radio Characteristics	Radio protocol		RTLn	N/A
	Radio frequency	MHz	433.92	N/A
	Receiver sensitivity	dBm	-106	N/A
	Modulation type		OOK	N/A
	Radio range		>100m	N/A
	Antenna		Integrated	N/A
	Number of transmitter		12	N/A
RS485 Characteristics & Standards & Patents	RS485 protocol		N/A	N/A
	Certifications		CE, CCC, CB	CE, CCC, CB
	Patents		N/A	N/A



Drawing

