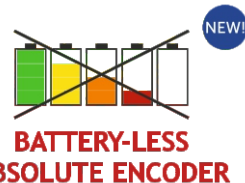
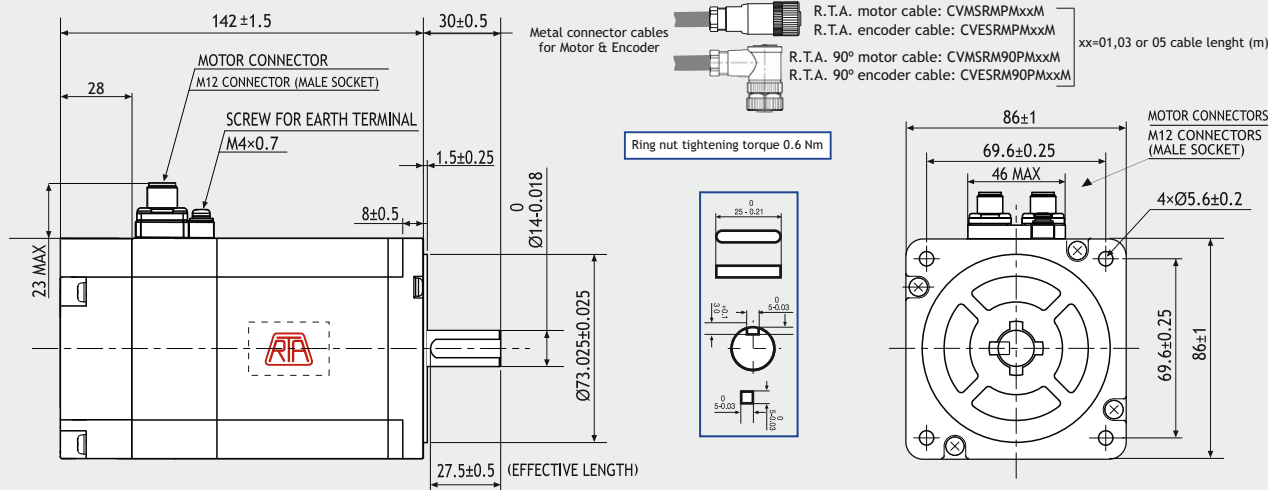


RM 3T2M-00HT



Dimensions (Unit:mm)



ENCODER FEATURES:

ENCODER MOTOR	RM 3T3M-00HT
RESOLUTION	DRIVE RELATED
MULTI-TURN RESOLUTION	2 ¹⁶
CURRENT CONSUMPTION (mA)	60
HIGH LEVEL OUTPUT (Volt)	5 (TIP) - 4.75 (MIN)
LOW LEVEL OUTPUT (Volt)	0.25 (TIP) - 0.6 (MAX)
OUTPUT SIGNAL	BiSS-C/SSI
POWER SUPPLY VOLTAGE (Volt)	5 V _{DC} ± 10%

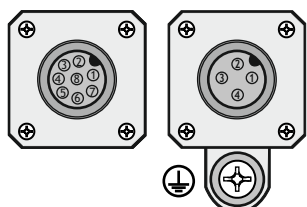
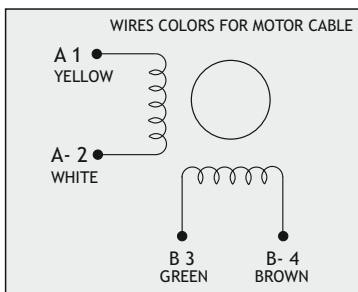
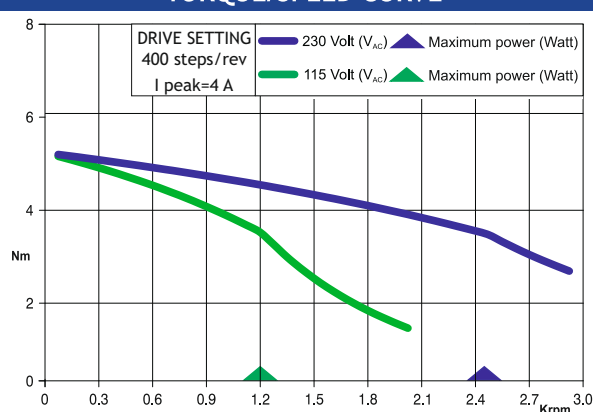
ENCODER CONNECTOR PIN-OUT

DESCRIPTION	X-PLUS AS4 C4 CON. PINS	M12 MOTOR PINS	RTA CABLE LEADS COLOR
CLOCK +	47	1	BLUE
CLOCK -	46	2	BROWN
DATA +	45	3	GREEN
DATA -	44	4	PURPLE
GND	48	5	BLACK
RESET	42	6	WHITE
NC	43	7	ORANGE
+ 5 VDC	41	8	RED

MOTOR FEATURES:

MODEL	RM 3T2M
BASIC STEP ANGLE	1.8 ± 0.09°
BIPOLAR CURRENT (A)	4
RESISTANCE (Ohm)	0.83
INDUCTANCE (mH)	6.4
BIPOLAR HOLDING TORQUE (Ncm)	700
ROTOR INERTIA (Kg·m ² × 10 ⁻⁷)	3000
THEORETICAL ACCELERATION (rad x sec. ⁻²)	23330
BACK E.M.F. (V/Krpm)	175
MASS (Kg)	3.1
INTERNATIONAL STANDARDS	UL, CSA, CE, RoHS
INSULATION VOLTAGE (V)	250 V _{AC} (350 V _{DC})
PROTECTION DEGREE - INSULATION CLASS	IP 54 - CLASS F
LEADS CODE	V

TORQUE/SPEED CURVE



MOTOR CONNECTOR HIGH SIDE VIEW



Only for R.T.A. 230 Vac X-PLUS AS4 drive



R.T.A. s.r.l.
Via E. Mattei - Fraz. Divisa
27020 Marcignago (PV) (Italy)
T +39.0382.929.855
F +39.0382.929.150
www.rta.it

R.T.A. Deutschland GmbH
Bublitzstrasse 34, 40599
Duesseldorf (Germany)
T +49.211.749.668.60
F +49.211.749.668.66
www.rta-deutschland.de

R.T.A. INDIA Pvt
Teerth Business Center 3rd Floor, Unit No. 7,
Block EL-15, MIDC Bhosari Pimpri-Chinchwad,
Pune 411026 (India)
Tel. +91 9422507445
www.rta-india.in