

SC32 SERIES

ELECTRIC CYLINDERS FOR STEPPER MOTORS

Precise linear motion. Plug & Go. Compact solution.

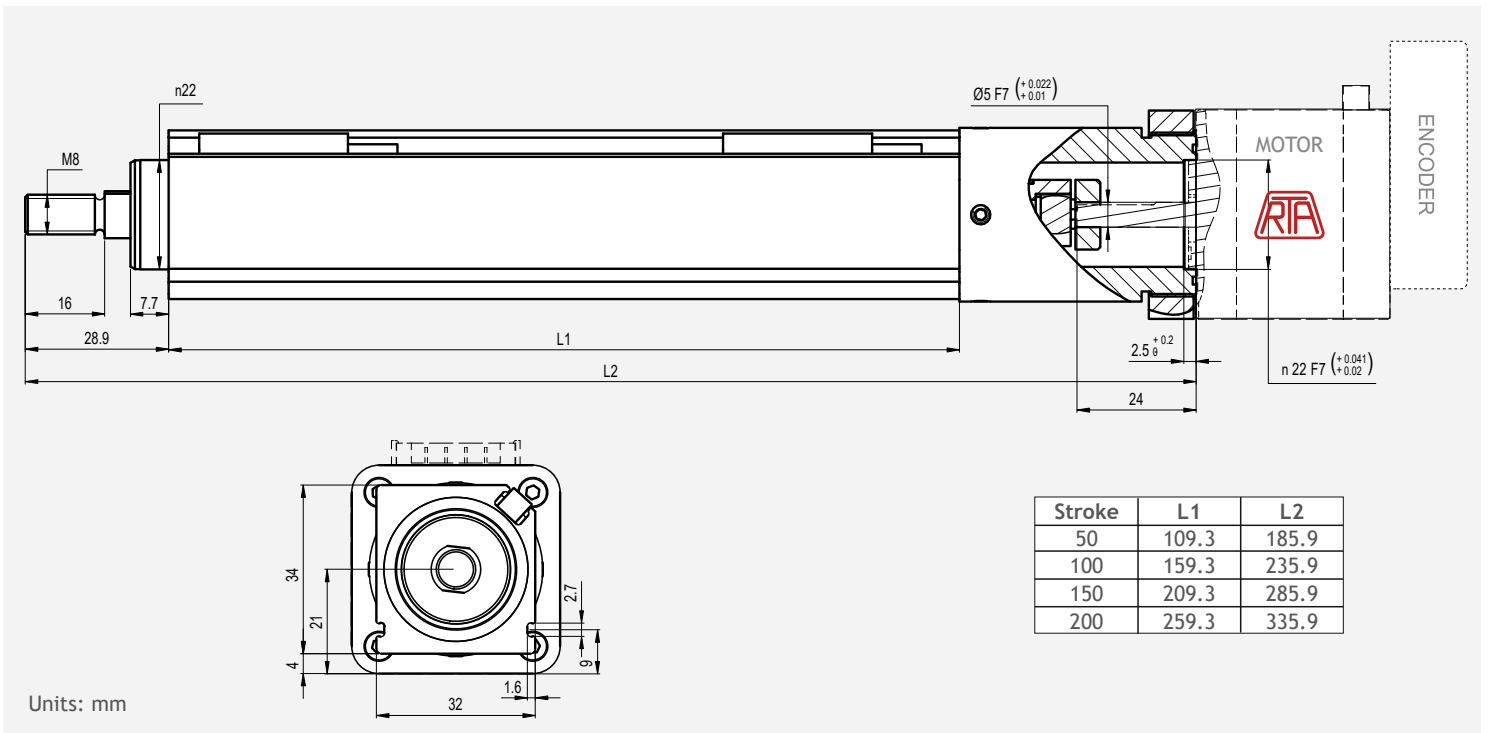


SC32 50 / 100 / 150 / 200 standard solutions

- **SC32:** the new-generation of electric cylinders, designed to ensure reliability, efficiency and easy integration
- Compact design, advanced technology and high performance: our electric cylinders for your efficient automation

STANDARD | READY-TO-SHIP CONFIGURATIONS

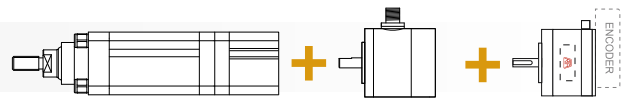
STANDARD no encoder	STROKE	STANDARD with encoder	AVAILABILITY
SC32-050-5-RH1-0L-00-0N0-00M0	50mm	SC32-050-5-RH1-0L-00-0N0-10M0	on demand
SC32-100-5-RH1-0L-00-0N0-00M0	100mm	SC32-100-5-RH1-0L-00-0N0-10M0	on stock
SC32-150-5-RH1-0L-00-0N0-00M0	150mm	SC32-150-5-RH1-0L-00-0N0-10M0	on demand
SC32-200-5-RH1-0L-00-0N0-00M0	200mm	SC32-200-5-RH1-0L-00-0N0-10M0	on stock



	Unit	Data
Max Force	N	200
Max Speed	mm/s	250
Total Stroke	mm	50, 100, 150, 200
Position repeatability	mm	+/- 0.025
Screw Type	-	Ball Screw
Screw Diam.	mm	8
Screw Lead	mm	5
Thrust Capacity	kg	20
IP Protection Class	-	up to 65
Integrated Anti-rotation	-	Yes



MOTOR COUPLING & ACCESSORIES



ELECTRIC CYLINDER

FRONT BRAKE

MOTOR

Standard motor coupling

Motor without encoder

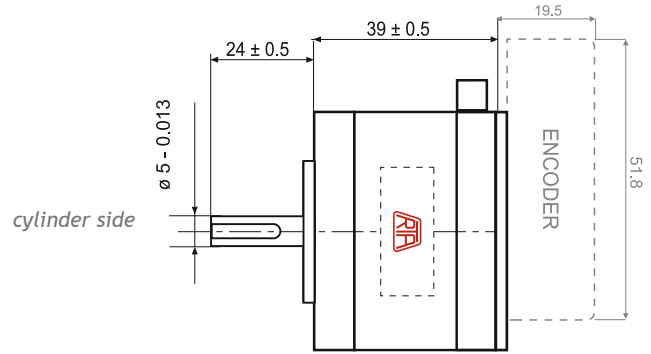
RH 1S1H

Size	Nema 17
Bipolar holding torque	43 ncm
RTA motor cables	CVMRH1S02M CVMRH1S0M3

Motor with incremental encoder

RH 1S1H-04D0

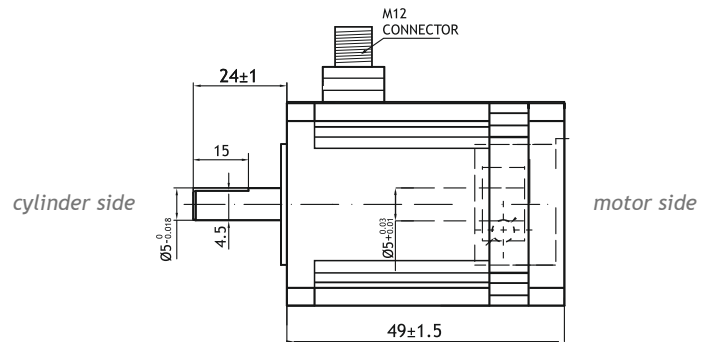
Resolution	400 rpm
Index	No
RTA encoder cables	CVEPA0DOM3 CVEPAZDOM3



Front Brake availability

FB-M12-17-02-00000

Size	Nema 17
Static torque	20 ncm



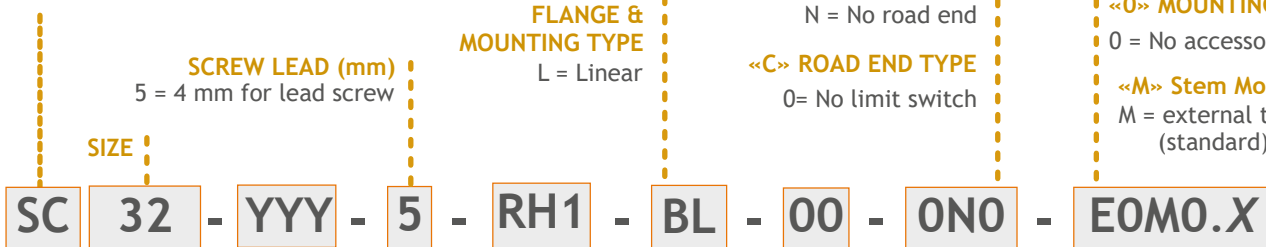
Rear clevis and sensors available as additional accessories

- Suggested RTA Drive series: CSD Series | EtherCAT, Step&Dir, ModBus TCP/IP, EtherNet/IP | Supply voltage = 24-85 Vdc; Peak current = 8 Amp



ENCODING MODEL

R.T.A. electric cylinders series name



STROKE (mm)
 050 = 50mm
 100 = 100mm
 200 = 200mm

MOTOR TYPE
 RH = RTA motor series
 1 = 1 motor stack

«B» BRAKE PRESENCE
 0 = no brake version
 B = brake version

FLANGE & MOUNTING TYPE
 L = Linear

«M» MOTOR POSITIONING
 0 = 12 o'clock

«F» ROAD END
 N = No road end

«C» ROAD END TYPE
 0 = No limit switch

CODING OF GEAR UNITS IN COUPLING

0 = no gear

«0» ROD OFFSET
 0 = no offset (standard)
 Custom offsets available upon request

«E» ENCODER TYPE

0 = no encoder
 1 = Encoder 400 steps/rev no index (incremental for step-by-step)

«0» MOUNTING TYPE

0 = No accessories

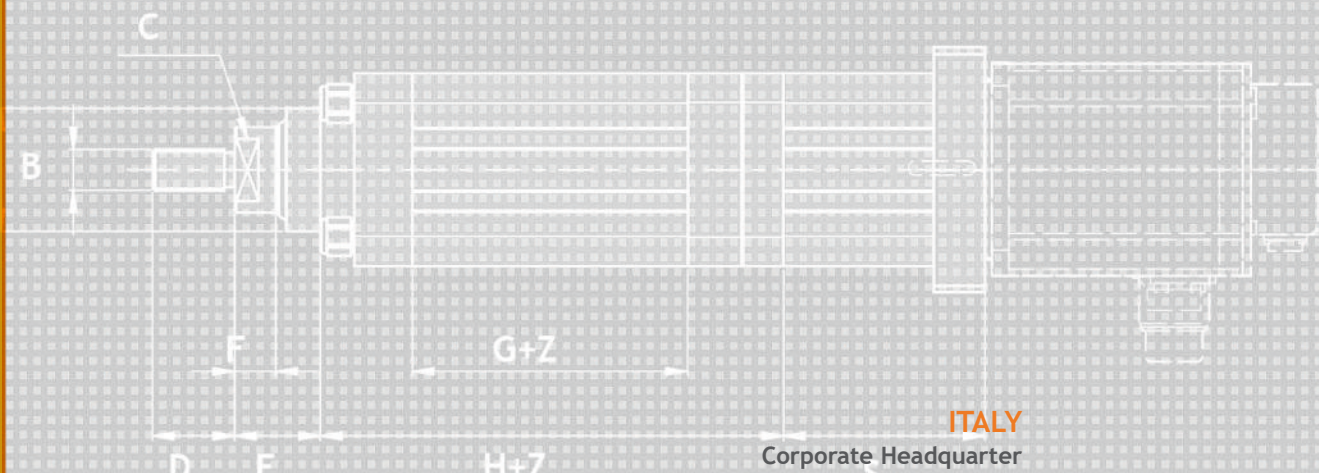
«M» Stem Mount

M = external thread (standard)

«.X» (optional)

Numbers or letters to identify any special version
 N.P. = Standard





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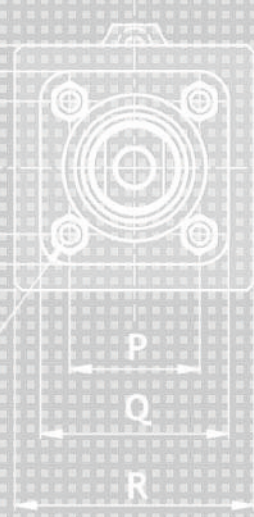
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**CATALOGUE
DIGITAL EDITION**



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