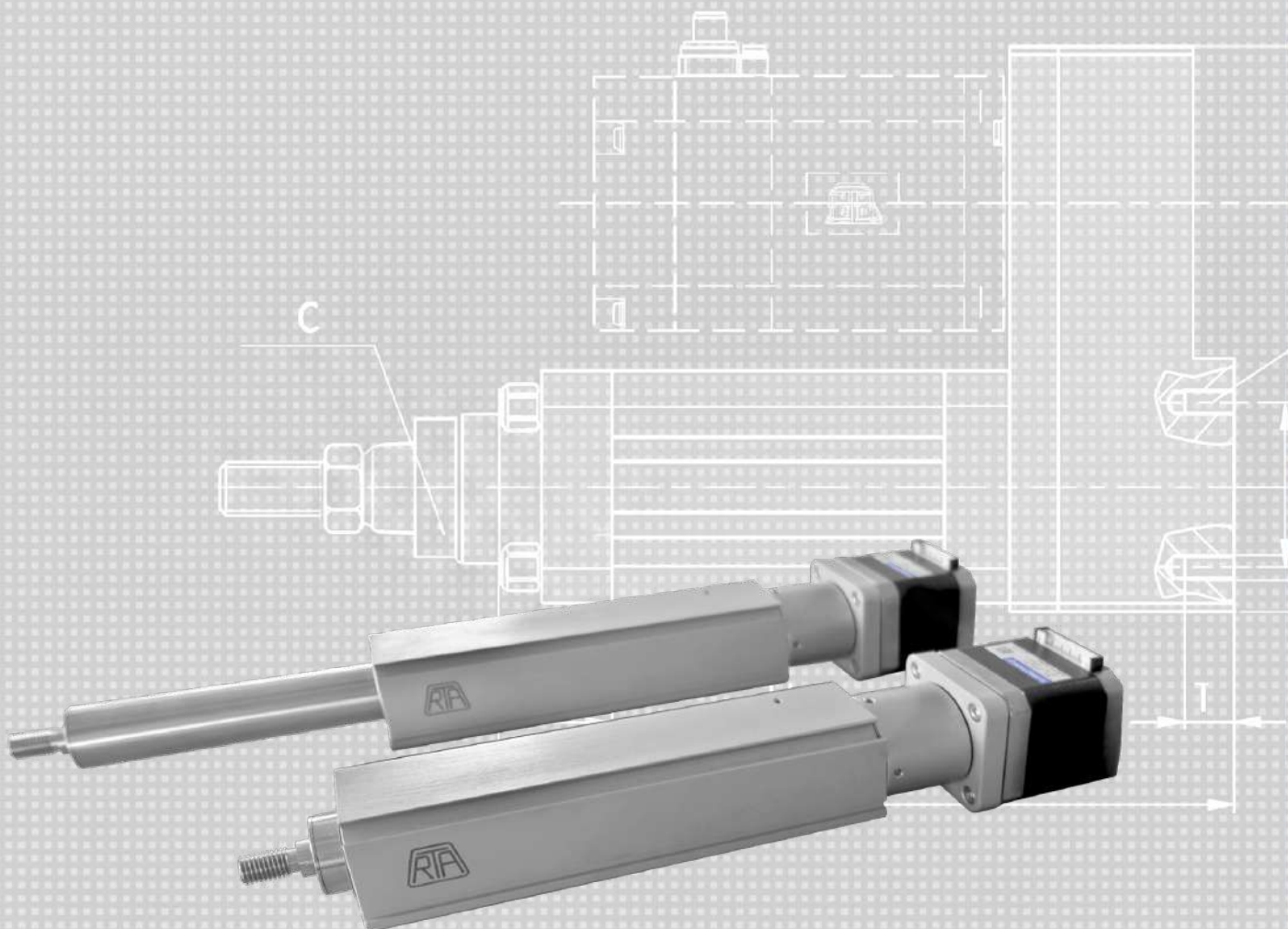




SC32 SERIES

ELECTRIC CYLINDERS FOR STEPPER MOTORS

Precise linear motion. Plug & Go. Compact solution.



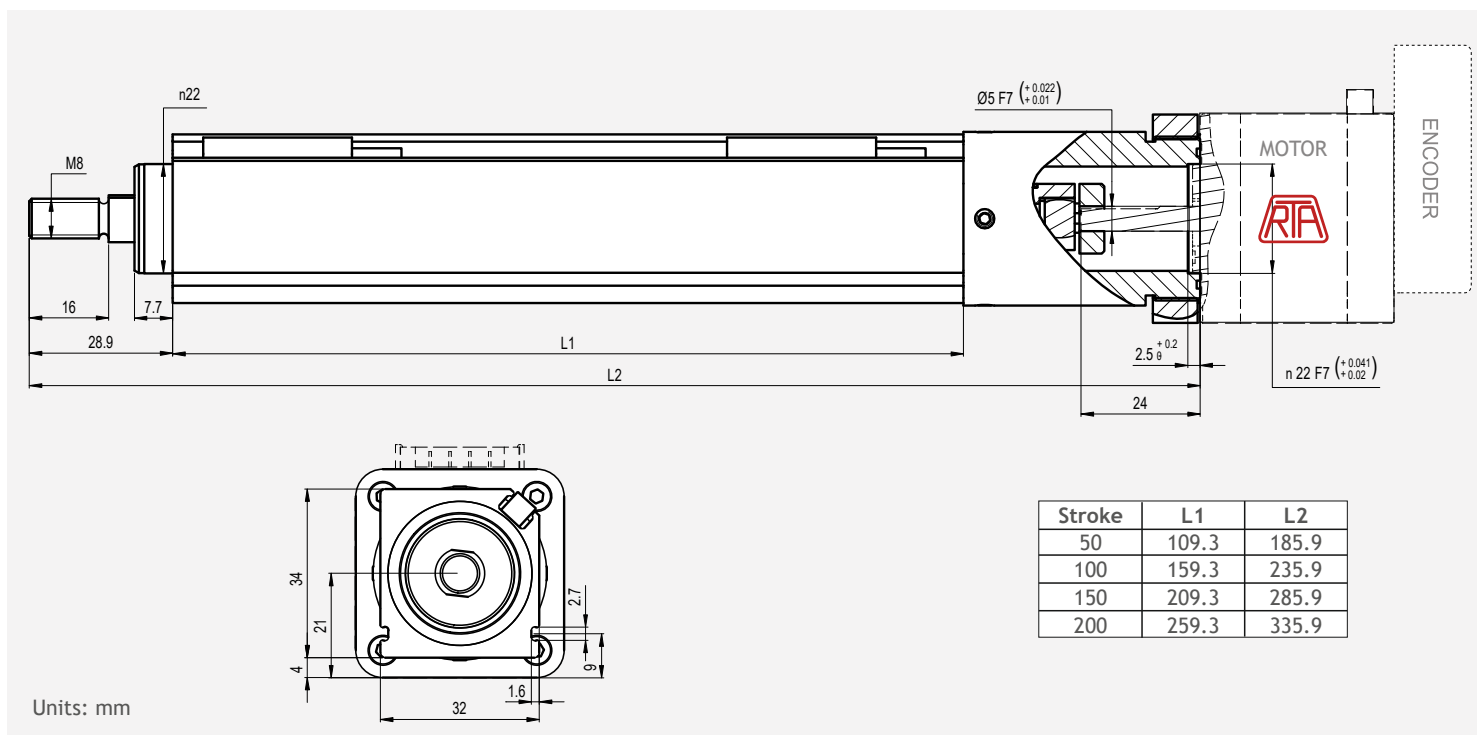


SC32 50 / 100 / 150 / 200 standard solutions

- **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

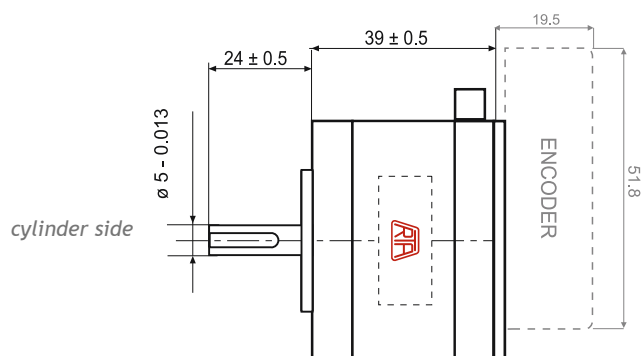
RTA motor cables	CVMRH1S02M CVMRH1S0M3
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Motor with incremental encoder

RH 1S1H-04D0

Resolution	400 cpr
Index	No

RTA encoder cables	CVEPAZD0M3 CVEPAZD02M
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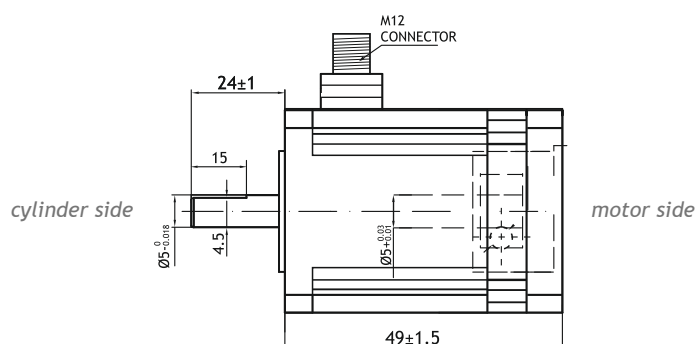
cylinder side

■ Front Brake availability

FB-M12-17-02-00000

Size	Nema 17
Static torque	20 ncm

RTA brake cables	CVFSPM0xM CVFS90PM0xM
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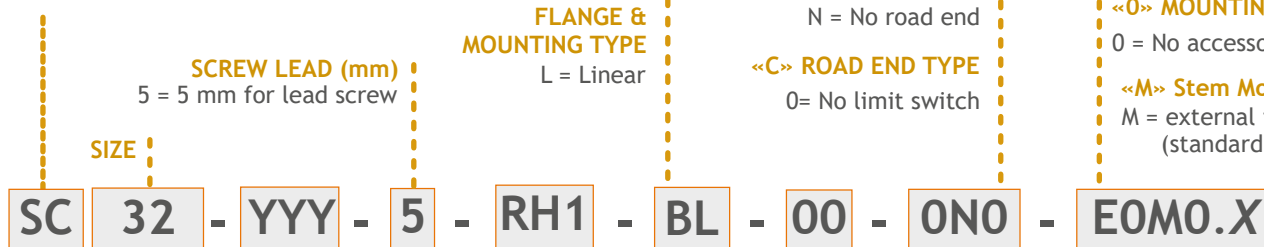
■ Rear clevis and sensors available as additional accessories

- 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

«E» ENCODER TYPE

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

«O» MOUNTING TYPE

0 = No accessories

«M» Stem Mount

M = external thread
(standard)

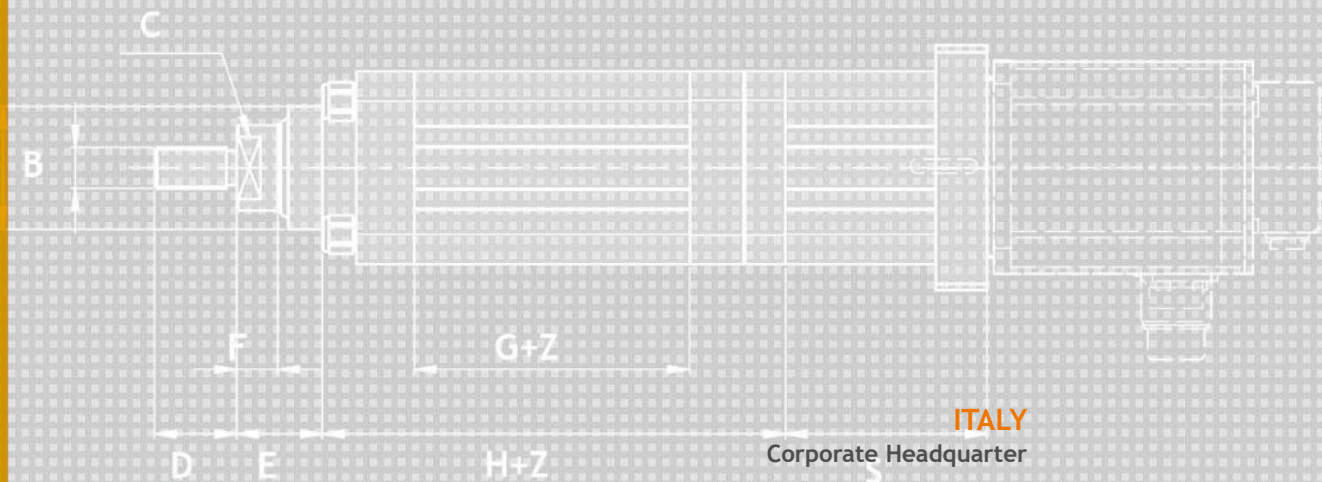
«0» ROD OFFSET

0 = no offset (standard)
Custom offsets available
upon request

«.X» (optional)

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





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