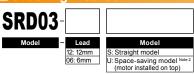
Rod type (With support guide)

CE compliance

Ordering method



Note 1. The robot cable is flexible and resists bending. Note 2. See P.61 for grease gun nozzles. Note 3. See P.404 for DIN rail mounting bracket.

Origin at non-motor side: Lead 6, 12

Stroke

1

CC-Link

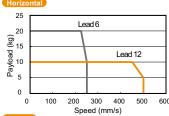
SRD03-U

ller	I/O cable
	1: 1m

■ Basic specifications				
Motor		42 Step motor		
Repeatability (mm)		+/-0.02		
Deceleration mechanism		Ball screw φ8 (Class C10)		
Ball screw lead (mm)		12	6	
Maximum speed Note 1 (mm/sec)		500	250	
Maximum	Horizontal	10	20	
payload (kg)	Vertical	3.5	7.5	
Max. pressing force (N)		75	100	
Stroke (mm)		50 to 200 (50pitch)		
Lost motion		0.1mm or less		
Rotating backlash (°)		+/-0.05		
Overall length (mm)	Horizontal	Stroke+236.5		
	Vertical	Stroke+276.5		
Maximum outside dimension of body cross-section (mm)		W48 × H56.5		
Cable length (m)		Standard: 1 / Option: 3, 5, 10		

Maximum speed varies with the payload. Refer to the "Speed vs. payload graphs" on the right.

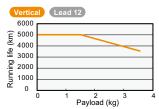
Speed vs. payload graph



Lead 6 Payload (kg) 5 8 9 9 9 Lead 12 0 100 200 300 400 500 Speed (mm/s)

Running life

5000 km on models other than shown below. Running life of only the model shown below becomes shorter than 5000 km depending on the payload, so check the running life curve.



Note5. Models with a brake will be 0.2kg heavier. Note6. Distance to mechanical stopper.

SRD03-S

Note. See P.61 for running life distance to life time conversion example.

Controller Controller Operation method Controller Operation method I/O point trace / TS-SD Pulse train control TS-S

