Rod type

CE compliance

Origin at non-motor side: Lead 6, 12

Ordering method

SR05 Lead : 12mm 06: 6mm 02: 2mm

S: Straight model R: Space-saving model Note 3 (motor installed on right) N: With no brake B: With brake N: Standard Z: Non-motor side

Stroke 50 to 300 (50mm pitch)

SR05-S

NP: NPN PN: PNP CC-Link

I/O cab

I/O

SR05-R

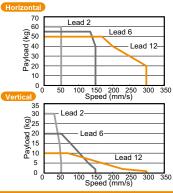
N	ote	2.	The	robot cable is	flexible and	resists ben	nding.				
M	JIE	١.	vviie	ii Ziiiii leau	is selected,	the origin p	JUSILIUIT C	annot be c	nangeu (i	10 11011-1110101	side).

Note 3. See P.61 for grease gun nozzles. Note 4. See P.404 for DIN rail mounting bracket.

Basic s	pecificat	ions			
Motor		56 Step motor			
Repeatability (mm)	+/-0.02			
Deceleration m	nechanism	Ball screw ф12 (Class C10)			
Ball screw lead		12	6	2	
Maximum speed 1	300	150	50		
Maximum	Horizontal	50	55	60	
payload (kg)	Vertical	10	20	30	
Max. pressing	250	550	900		
Stroke (mm)	50 to 300 (50pitch)				
Lost motion	0.1mm or less				
Rotating backl	+/-1.0				
Overall length	Stroke+276				
(mm)	Stroke+316				
Maximum outsid of body cross-se	W56.4 × H71				
Cable length (r	Standard: 1 / Option: 3, 5, 10				
Note 1. Maximum s	peed varies wit	h the payloa	d.		

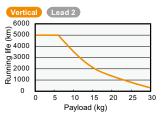
Refer to the "Speed vs. payload graphs" on the right.

Speed vs. payload graph



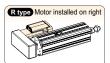
Running life

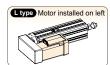
5000 km on models other than shown below. Running life of only the model shown below becomes shorter than 5000 km depending on the payload, so check the running life curve.



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

Motor installation (Space-saving model)





Controller

Controller	Operation method		
	I/O point trace / Remote command		

Controller	Operation method
	•
TS-SD	Pulse train control

