Slider type

High lead: Lead 20

○ CE compliance ○ Origin on the non-motor side is selectable



PN: PNF PN: PINE
CC: CC-Link
DN: DeviceNet™
EP: EtherNet/IP™
PT: PROFINET GW: No I/O board

PN: PNP CC: CC-Lin

S2

SH

SD

■ Ordering method

Model Cad Model Brake Model Straight model	SS05-			-	-		
(motor installed on left)	20: 20mm 12: 12mm	S: Straight model R: Space-saving model (motor installed on right) L: Space-saving model	N: With no brake	N: Standard Note 2	N: Standard grease	50 to 800	1K: 1m 3K: 3m

Note 2. If changing from the origin position at the time of purchase, the machine reference amount must be reset. For details, refer to the manual.

Note 3. The robot cable is flexible and resists bending.

Horiz

Lead 20

Lead 12

8kg 332

10kg 344

- Note 4. See P.600 for DIN rail mounting bracket.

 Note 5. Select this selection when using the gateway function.

■ Basic specifications										
Motor		42 [Step mo	otor						
Resolution (Puls	se/rotation)		20480							
Repeatability No	te 1 (mm)		+/-0.02							
Deceleration me	echanism	Ва	II screw ¢	12						
Maximum motor	torque (N·m)		0.27							
Ball screw lead		20	12	6						
Maximum speed N	lote 2 (mm/sec)	1000	600	300						
Maximum	Horizontal	4	6	10						
payload (kg)	Vertical	_	1	2						
Max. pressing for	orce (N)	27	45	90						
Stroke (mm)		50 to 800 (50mm pitch)								
Overall length	Horizontal	Stroke+230								
(mm)	Vertical	Stroke+270								
Maximum outside of body cross-se	ction (mm)	W55 × H56								
Cable length (m)	Standard: 1 / Option: 3, 5, 10								

Note 1. Positioning repeatability in one direction. Note 2. When the stroke is longer than 600mm, resonance of the ball screw may occur depending on the operation conditions (critical speed). In this case, reduce the

speed setting on the program by referring to the maximum speeds shown in the table below.

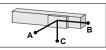
L type Motor installed on left

Allowable overhang Not

37 79

29 62









zontal installation (Unit: mm)					all insta	allatio	n (u	Jnit: mm)	Ver	Vertical installation (Unit: mm)				
	Α	В	С			Α	В	С			Α	С		
2kg	413	139	218	120	2kg	192	123	372	d12	0.5kg	578	579		
4kg	334	67	120	Lead	4kg	92	51	265	Lead	1kg	286	286		
4kg	347	72	139	112	4kg	109	57	300	9 p	1kg	312	312		
6kg	335	47	95	Lead	6kg	63	31	263	Lead	2kg	148	148		
4kg	503	78	165	"	4kg	134	63	496						

47 22 355

8kg Note. Distance from center of slider upper surface to carrier center-of-gravity at a guide service life of 10,000 km (Service life is calculated for 600mm stroke

φ4H7 (^{+0.012}) Depth6

6kg 76 35 377

Static loading moment

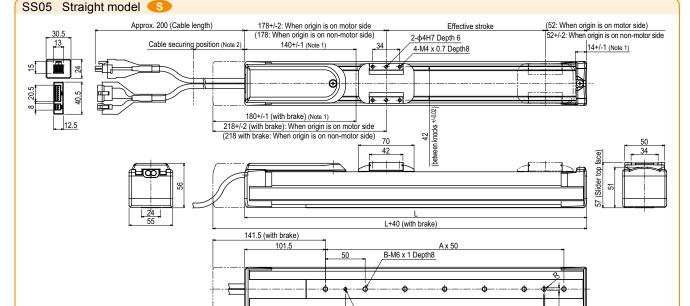
: With batte

(Absolute)

IAI I	IALL							
25	33	30						
■ Controller								

Controller Operation method TS-S2 I/O point trace / TS-SH Remote command TS-SD Pulse train control

R type Motor installed on right



Effective	stroke	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	Note
L		280	330	380	430	480	530	580	630	680	730	780	830	880	930	980	1030	Note
Α		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
В		4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	Note
C Weight (kg) ^{Note 4}		100	150	200	250	300	350	400	450	500	500	500	500	500	500	500	500	Note
		2.1	2.3	2.5	2.7	2.8	3.0	3.2	3.4	3.6	3.8	4.0	4.2	4.4	4.6	4.8	5.0	Note
Maximum	Lead20						10	00						933	833	733	633	_
speed for each stroke Note 5 (mm/sec)	Lead12		600								560	500	440	380				
	Lead6		300									280	250	220	190			
	Speed setting													93%	83%	73%	63%	

Controller

166.5 (with brake)

te 1. Stop positions are determined by the mechanical stoppers at both ends.

4 +0.02 Depth6

- stoppers at both ends.

 stoppers at both ends.

 to 2. Secure the cable with a tie-band 100mm or less from unit's end face to prevent the cable from being subjected to excessive loads.

 stoppers at the stoppers of the stopp