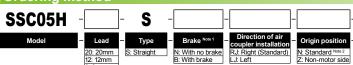
# SSC051

Origin on the non-motor side is selectable

## lacksquare Ordering method



- Note 1. Only the model with a lead of 12mm or 6mm can select specifications with brake.
- 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.
- Note 4. See P.498 for DIN rail mounting bracket.
- Note 5. Select this selection when using the gateway function. For details, see P.60.

### Basic specifications

Motor	42 ☐ Step motor				
Repeatability Note 1 (mm)		+/-0.02			
Deceleration mechanism		Ball screw \$12 (Class C10)			
Maximum motor torque (N·m)		0.47			
Ball screw lead	20	12	6		
Maximum speed Note 2	Horizontal	1000	600	300	
(mm/sec)	Vertical	-	500	250	
Maximum	Horizontal	6	8	12	
payload (kg)	Vertical	-	2	4	
Max. pressing for	36	60	120		
Stroke (mm)		50 to 800 (50mm pitch)			
Overall length	verall length Horizontal		Stroke+286		
(mm)	Vertical	5	Stroke+306		
Maximum outside dimension of body cross-section (mm)		W55 × H56			
Cable length (m)		Standard: 1 / Option: 3, 5, 10			
Degree of cleanliness		CLASS 10 Note 3			
Intake air (N&/min)		Lead 20	Lead 12	Lead 6	
		80	50	30	
Note 1. Desitioning reportability in one direction					

Note 1. Positioning repeatability in one direction.

Note 2. When the stroke is longer than 650mm, 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.

Note 3. Per 1cf (0.1µm base), when suction blower is used.

Stroke

50 to 800 (50mm pitch)



Cable length <sup>h</sup>

**S2** 

SH

A C 458 459

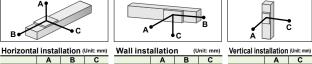
1kg 2kg 224 224 245 113

2kg 244

4kg 113 PN: PNF

GW: No I/O board

■ Allowable overhang Note

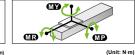


_		Α	В	С			Α	В	С	
20	2kg	599	225	291	20	2kg	262	203	554	112
12 Lead	4kg	366	109	148	Lead	4kg	118	88	309	Lead 12
Le	6kg	352	71	104	P	6kg	71	49	262	Lead 6
12	4kg	500	118	179	12	4kg	146	96	449	E
Lead	6kg		79	118	Lead	6kg	85	55	334	
Le	8kg		56	88	F	8kg	55	34	305	
	6kg	573	83	136		6kg	101	62	519	
9 p	8kg	480	61	100	9 0	8kg		39	413	
Lead	10kg	442	47	78	ea	10kg	43	26	355	
_	12kg	465	39	64	_	12kg	28	17	338	

Static loading moment

: With batter

(Absolute)



MY	MP	MR	
32	38	34	

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

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

