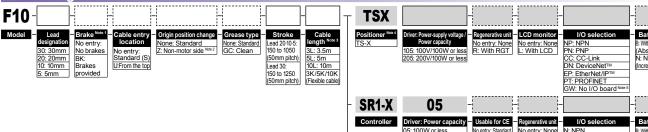
Allowable overhang

Ordering method



- Note 1. The model with a lead of 30mm cannot select specifications with brake (vertical specifications).
- Note 2. If selecting 5mm lead specifications then the origin point cannot be changed to the non-motor side. Note 3. The robot cable is standard cable (3L/5L/10L), but can be changed to flexible cable. See P.614 for details on robot cable.

 Note 4. See P.522 for DIN rail mounting bracket.
- Note 5. Select this selection when using the gateway function. For details, see P.66.

Positioner York	Driver Power-supply voltage / Power capacity 105: 100V/100W or less 205: 200V/100W or less	Regenerative unit - LCD monitor No entry: None No entry: None R: With RGT L: With LCD		Battery B: With battery (Absolute) N: None (Incremental)
SR1-X	05	-	_	-
Controller	Driver: Power capacity 05: 100W or less	Usable for CE — Regenerative unit No entry: Standard E: CE marking R: With RG1		B: With battery (Absolute) N: None (Incremental)
- RDV-X	2	05	- RBR1	

Driver: Power cap

05: 100W or less

■ Specific	ations						
AC servo motor	100						
Repeatability Not		+/-0.01					
Deceleration me	echanism	Ball screw ф15					
Ball screw lead		30	20	10	5		
Maximum speed ^N	ote 2 (mm/sec)	1800	1200	600	300		
Maximum	Horizontal	15	20	40	60		
payload (kg)	Vertical	-	4	10	20		
Rated thrust (N)		56	84	169	339		
Stroke (mm)		150 to 1250 Note 3 (50mm pitch)					
Overall length	Horizontal	Stroke+260					
(mm)	Vertical	Stroke+290					
Maximum dimensions of cross section of main unit (mm)		W110 × H71					
Cable length (m)		Standard: 3.5 / Option: 5,10					
Linear guide type		4 rows of circular arc grooves × 1 rail					
Position detected	Resolvers Note 4						
Resolution (Puls	se/rotation)	16384					

Positioning repeatability in one direction. Note 1.

Effective stroke

- Note 1. Positioning repeatability in one direction.

 Note 2. When the stroke is longer than 700mm, 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.

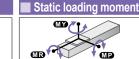
 Note 3. Strokes longer than 1050mm are available only for high lead (Lead 30). (Special order item)

 Note 4. Position detectors (resolvers) are common to incremental and absolute specifications. If the controller has a backup function then it will be absolute specifications.

	В			A C B				A					
Ho	rizontal	installa	tion	(Unit: mm)	Wall installation (Unit: mm)			Vertical installation (Unit: mm)					
		Α	В	С			Α	В	С			Α	С
d 30	5kg	491	273	215	Lead 30	5kg	206	209	480	20	1kg	600	600
Lead 30	15kg	223	61	63	Lea	15kg	45	0	177	Lead	2kg	649	691
	5kg	937	282	259	20	5kg	250	213	905	Ľ	4kg	306	347
Lead 20	10kg	487	121	116	Lead	10kg	99	51	438	9	4kg	338	380
Ľ	20kg	236	40	44	٦	20kg	21	0	149	ad	8kg	142	183
5	15kg	389	71	74	9	10kg	105	53	550	Ë	10kg	102	144
Lead 10	30kg	179	17	20	ag	20kg	22	0	230	2	10kg	105	146
٦	40kg	106	0	0	Ë	30kg	0	0	0	Lead	15kg	51	93
2	30kg	419	19	20	2	10kg	107	54	1410	تّ	20kg	25	66
Lead	50kg	0	0	0	Lead	20kg	22	0	540				
ات	60kg	0	0	0	تّ	30kg	0	0	0				

2: AC200V

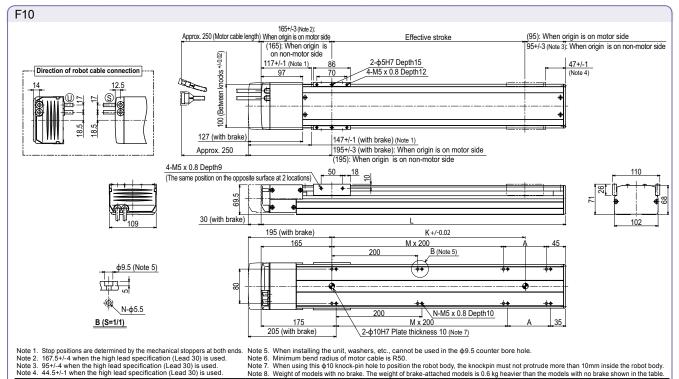
Note. Distance from center of slider top to center of gravity of object being carried at a guide service life of 10.000 km



(Unit: N·m)					
MY	MP	MR			
131	131	115			
Con'	troller				

Controller	Operation method
SR1-X05 Note RCX320 RCX221/222 RCX340	Programming / I/O point trace / Remote command / Operation using RS-232C communication
TS-X105 Note TS-X205 Note	I/O point trace / Remote command
	Pulse train control

Regenerative unit is required when the models used vertically and with 700mm or larger stroke



Weight (kg) Note I 9.6 10.0 10.4 10.8 11.1 11.5 1440 1170 900 5.5 5.7 5.8 6.2 6.5 6.9 Lead 30 Maximum 1200 600 300 780 390 195 540 270 Lead 20 960 600 speed 1 Lead 10 (mm/sec) Lead 5 80% Speed setting

Note 9. When the stroke is longer than 700mm, 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 above.

Note 10. Strokes longer than 1050mm are special order items. Please contact us for speed setting.