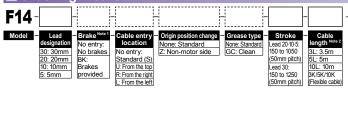
High lead: Lead 30

Origin on the non-motor side is selectable

Note. Strokes longer than 1050mm are special order items. Please consult us for delivery time

Allowable overhang

Ordering method



Note 1. The model with a lead of 30mm cannot select specifications with brake (vertical

specifications).

Note 2. The robot cable is standard cable (3L/5L/10L), but can be changed to flexible cable See P.594 for details on robot cable.

Note 3. See P.498 for DIN rail mounting bracket.

Note 4. Select this selection when using the gateway function. For details, see P.60.

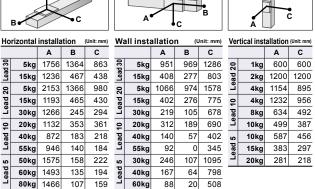
		•			
e lote 2	TSX Positioner Note 3	Driver: Power-supply voltage /	Regenerative unit — LCD monitor	- I/O selection	- Battery
n m K able)	TS-X	Power capacity 105: 100V/100W or less 205: 200V/100W or less	No entry: None R: With RGT		B: With battery (Absolute) N: None (Incremental
	SR1-X	05	-	-	-
e.	Controller	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)
е.	RDV-X	2	05	- RBR1	
	Driver	Power-supply voltage 2: AC200V	Driver: Power capacity 05: 100W or less	 Regenerative unit 	l

■ Specifications											
AC servo motor	output (W)		10	00							
Repeatability Not	e 1 (mm)	+/-0.01									
Deceleration me	echanism	Ball screw (Class C7)									
Ball screw lead		30	20	10	5						
Maximum speed N	ote 2 (mm/sec)	1800	1200	600	300						
Maximum	Horizontal	15	30	55	80						
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+255									
(mm)	Vertical	Stroke+285									
Maximum dimens section of main ur		W136 × H83									
Cable length (m		Standard: 3.5 / Option: 5,10									
Linear guide typ		4 rows of circular arc grooves × 2 rail									
Position detector		Resolvers Note 4									
Resolution (Puls	se/rotation)	16384									
Note 1. Positioning repeatability in one direction.											

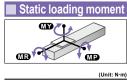
Note 2. When the stroke is longer than 700mm, resonance of the ball screw may occur depending on the operation conditions (critical speed). In this case, reduce the speed setting on the program

speed). If this Case, reduce the speed setting on the program by referring to the maximum speeds shown in the table below. Strokes longer than 1050mm are available only for high lead (Lead 30). (Special order item)

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



Note. Distance from center of slider top to center of gravity of object being carried at a guide service life of 10,000 km.



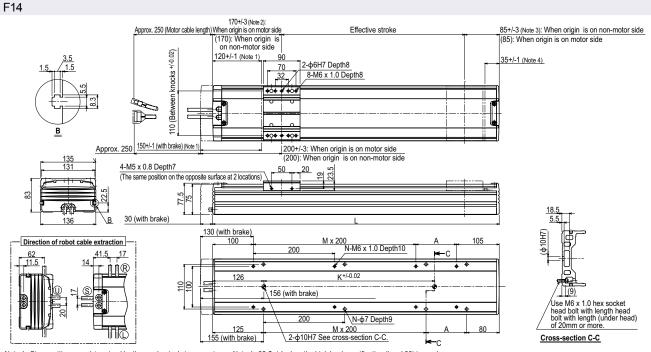
MP

MR

MY

00	232	233	204						
95	■ Conf	roller							
56	Controlle	r Operati	on method						
92 87 86 97	SR1-X05 ^{Not} RCX221/22 RCX240/34	I/O point Remote Operatio using RS commun	Programming / I/O point trace / Remote command / Operation using RS-232C communication						
18	TS-X105 No TS-X205 No RDV-X205-RBF	te Remote	t trace / command ain control						

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



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

Note 2. 172.5+/-4 when the high lead specification (Lead 30) is used.

Controller

Note 4. 32.5+/-1 when the high lead specification (Lead 30) is used.
Note 5. Minimum bend radius of motor cable is R50.
Note 5. Weight of models with no brake. The weight of brake-attached models is 0.7 kg heavier than the models with no brake shown in the table.

Note 3. 85+/-4 when the high lead specification (Lead 30) is used.																								
Effectiv	e stroke	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100 Note 8	1150 Note 8	1200 Note 8	1250 Note 8
L		405	455	505	555	605	655	705	755	805	855	905	955	1005	1055	1105	1155	1205	1255	1305	1355	1405	1455	1505
Α		200	50	100	150	200	50	100	150	200	50	100	150	200	50	100	150	200	50	100	150	200	50	100
M		0	1	1	1	1	2	2	2	2	3	3	3	3	4	4	4	4	5	5	5	5	6	6
N		4	6	6	6	6	8	8	8	8	10	10	10	10	12	12	12	12	14	14	14	14	16	16
K		240	240	240	240	420	420	420	420	600	600	600	600	780	780	780	780	960	960	960	960	1140	1140	1140
Weight	(kg) Note 6	6.2	6.9	7.5	8.2	8.8	9.5	10.1	10.8	11.4	12.1	12.6	13.4	13.9	14.6	15.2	15.9	16.5	17.2	17.8	18.5	19.1	19.8	20.4
	Lead 30		1800											1440 1170		900 81		810						
Maximum	Maximum Lead 20 1200										960		78	780		00	540							
speed Note 7	Lead 10		600									480		390		300		270						
(mm/sec)	Lead 5		300								240		195		15	50	135							
	Speed setting	=										80% 65%			%	50	%	45%						
Note 7. When the strole is because the 700-men of the bell and an advantage of the strole and the strole is because the property of the strole in the strole is because the property of the strole in the strole is because the strole in the st																								

Note 7. 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 8. Strokes longer than 1050mm are special order items. Please contact us for speed setting.