

Note 1. The robot cable is flexible and resists bending. See P.732 for details on robot cable.

■ Specifications							
AC servo motor	output (W)		30				
Repeatability Not	^{e 1} (mm)		+/-0.02				
Deceleration me	echanism	Ba	all screw of	þ8			
Ball screw lead	(mm)	12	6	2			
Maximum speed	d (mm/sec)	720	360	120			
Maximum	Horizontal	4.5	6	6			
payload (kg)	Vertical	1.2	2.4	7.2			
Rated thrust (N)		32	64	153			
Stroke (mm)		50 to 400 (50mm pitch)					
Overall length	Horizontal	Stroke+198					
(mm)	Vertical	S	troke+23	6			
Maximum dimens section of main ur		V	V45 × H5	3			
Cable length (m)	Standard	3.5 / Opti	on: 1,5,10			
Linear guide typ	е		thic arch gro				
Position detector	Resolvers Note 2						
Resolution (Puls	se/rotation)	16384					
Note 1 Positioning r	enestability in o	no direction					

- Note 1. Positioning repeatability in one direction.

 Note 2. Position detectors (resolvers) are common to incremental and absolute specifications. If the controller has a backup function then it will be absolute specifications.

■ Allowable overhang ^{No}	te

A B C

87 180

26 62

58 142

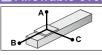
27 66

(Unit: mm)

75

Lead 12

Lead 6



Horizontal installation

2kg 433

4.5kg 223 33

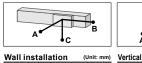
3kg 515 58 135

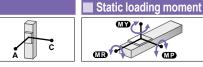
6kg 340

3kg 1585

6kg 755

Lead 6 Lead 12





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		(Unit: N·n
MY	MP	MR

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ili installation (Unit: mm) v				vei	rticai insi	lanation	(Unit: mm)	
	Α	В	С			Α	С	
2kg	149	54	376	Lead 12	1.2kg	125	125	
4.5kg	50	1	148		1.2Kg	125	123	
3kg	107	24	380	Lead 6	2.4ka	56	57	
6kg	31	0	195	Fea	2.4Kg	30	37	
3kg	113	24	1180	d 2	3kg	41	42	
6kg	32	0	440	Lead	7.2kg	0	0	

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

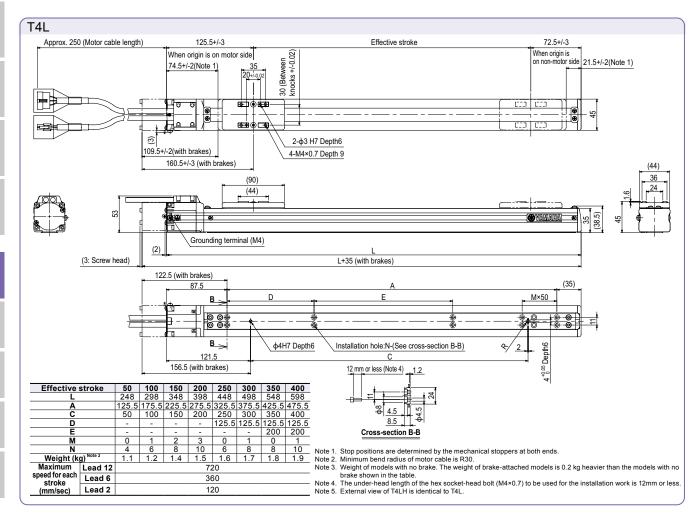
Note. Service life is calculated for 300mm stroke models.



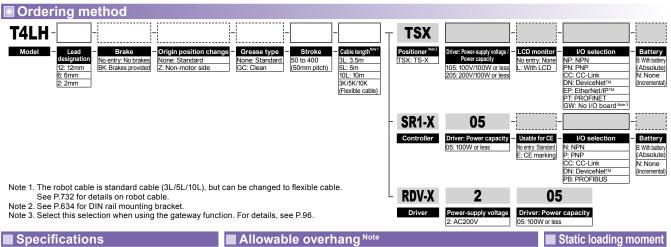
15

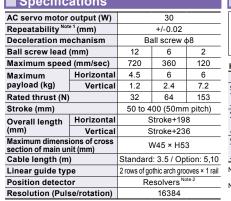
Remote command / Operation using RS-232C communication

18



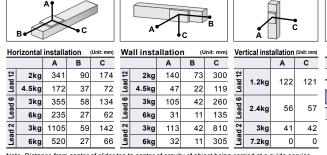






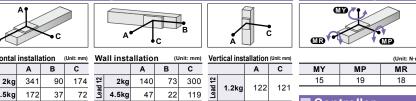
Note 1. Positioning repeatability in one direction.

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

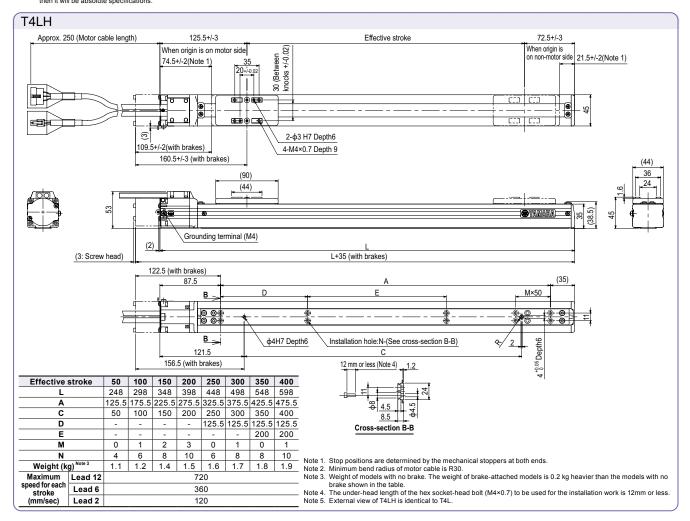


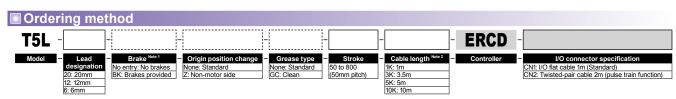
Note. Distance from center of slider top to center of gravity of object being carried at a guide servi life of 10,000 km.

Note. Service life is calculated for 300mm stroke models



	■ Contr	oller
57	Controller	Operation method
42 0	SR1-X05 RCX320 RCX221/222 RCX340	Programming / I/O point trace / Remote command / Operation using RS-232C communication
	TS-X105	I/O point trace /
	TS-X205	Remote command
	RDV-X205	Pulse train control





Note 1. The model with a lead of 20mm cannot select specifications with brake (vertical specifications).

Note 2. The robot cable is flexible and resists bending. See P.732 for details on robot cable.

■ Specifications								
AC servo motor	output (W)	30						
Repeatability Not	e 1 (mm)		+/-0.02					
Deceleration me	echanism	Ва	II screw ¢	12				
Ball screw lead	(mm)	20	12	6				
Maximum speed ^N	ote 2 (mm/sec)	1200	800	400				
Maximum	Horizontal	3	5	9				
payload (kg)	Vertical	-	1.2	2.4				
Rated thrust (N)		19	32	64				
Stroke (mm)		50 to 800 (50mm pitch)						
Overall length	Horizontal	Stroke+201.5						
(mm)	Vertical	St	roke+239	.5				
Maximum dimens section of main ur		,	W55×H52	!				
Cable length (m)	Standard	3.5 / Opti	on: 1,5,10				
Linear guide typ		2 rows of gothic arch grooves × 1 rail						
Position detector	or	Resolvers Note 3						
Resolution (Puls	se/rotation)		16384					
Note 1 Positioning r	eneatability in o	ne direction						

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

Note 3. Position detectors (resolvers) are common to incremental and absolute specifications. If the controller has a backup function then it will be absolute specifications

A C B							B B		Ā		• c		
Horizontal installation (Unit: mm) Wall installation (Unit: mm) Vertical installation (Unit: mm)							(Unit: mm)						
		Α	В	С			Α	В	С			Α	С
Lead 20	1kg	600	323	683	Lead 20	1kg	600	291	600	d 12	1.2kg	242	240
	3kg	675	103	247	Lea	3kg	215	73	589	Lead	1.2kg	242	240
ead 12	2kg	1170	159	406	d 12	2kg	368	127	1082	9 p	2.41-	113	113
ea	5kg	555	59	155	-ead	5kg	127	30	449	Lead	2.4kg	113	113

73 970

9kg 628 31 89 54 400 9ka 0 Note. Distance from center of slider top to center of gravity of object being carried at a guide service life of 10,000 km.

3kg 263

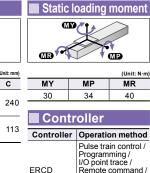
Note. Service life is calculated for 600mm stroke models.

104 294

Allowable overhang Note

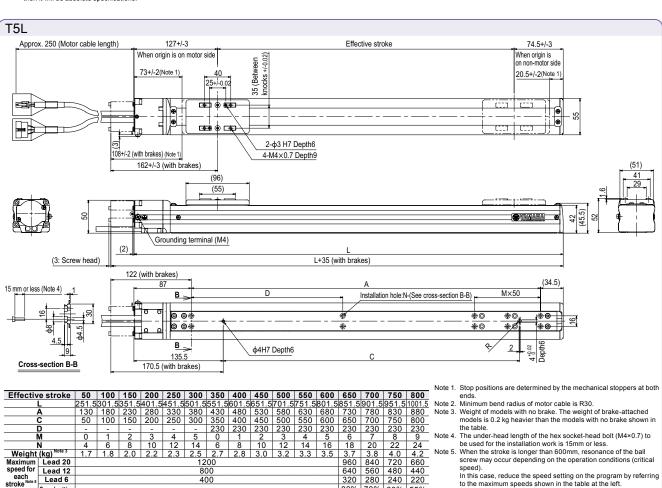
5kg 555

3kg 1498



to the maximum speeds shown in the table at the left. Note 6. External view of T5LH is identical to T5L.

I/O point trace / Remote command / Operation using RS-232C communication

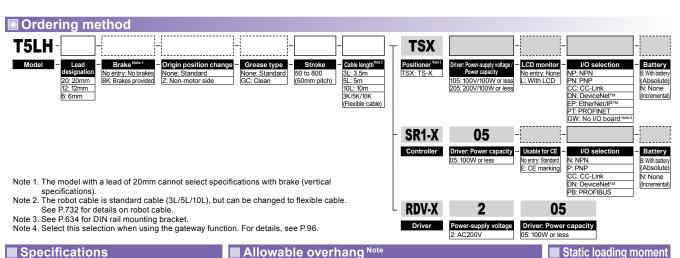


80% 70% 60% 55%

800

(mm/sec) Speed setting



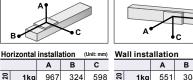


Specific	ations				
AC servo motor	output (W)	30			
Repeatability Not	e1 (mm)		+/-0.02		
Deceleration me	chanism	Ва	II screw ¢	12	
Ball screw lead	(mm)	20	12	6	
Maximum speed N	ote 2 (mm/sec)	1200	800	400	
Maximum	Horizontal	3	5	9	
payload (kg)	Vertical	-	1.2	2.4	
Rated thrust (N)		19	32	64	
Stroke (mm)		50 to 800 (50mm pitch)			
Overall length	Horizontal	Stroke+201.5			
(mm)	Vertical	St	roke+239	.5	
Maximum dimens section of main ur		W55×H52			
Cable length (m)	Standard: 3.5 / Option: 5,10			
Linear guide typ	е	2 rows of gothic arch grooves × 1 rail			
Position detector	or	Re	esolvers No	ote 3	
Resolution (Puls	se/rotation)		16384		

Positioning repeatability in one direction.

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

Note 3. Position detectors (resolvers) are common to incremental and absolute specifications. If the controller has a backup function then it will be absolute specifications.



Horizontal installation (Unit: mm)			W	all insta	allatio	n (L	Jnit: mm)	Vei	rtical inst	allation	(Unit: mm)		
П		Α	В	С			Α	В	С			Α	С
Lead 20	1kg	967	324	598	d 20	1kg	551	304	925	d 12	1.2kg	240	239
Lea	3kg	429	104	226	Lead	3kg	185	89	378	Lead	1.2Kg	240	239
Lead 12	2kg	916	159	398	d 12	2kg	347	141	800	ad 6	2.4kg	109	110
Lea	5kg	436	60	152	Lead	5kg	119	44	355	Lea	2.4Kg	109	110
ead 6	3kg	1194	105	294	9 p	3kg	259	87	950				
Lea	9kg	624	31	89	Lea	9kg	50	15	385				
Not	e. Distar	ice from	center	of slider	top t	o center	of gravit	v of obje	ect being	car	ried at a d	uide se	rvice

being carried at a guide service life of 10,000 km.

Note. Service life is calculated for 600mm stroke models



MY

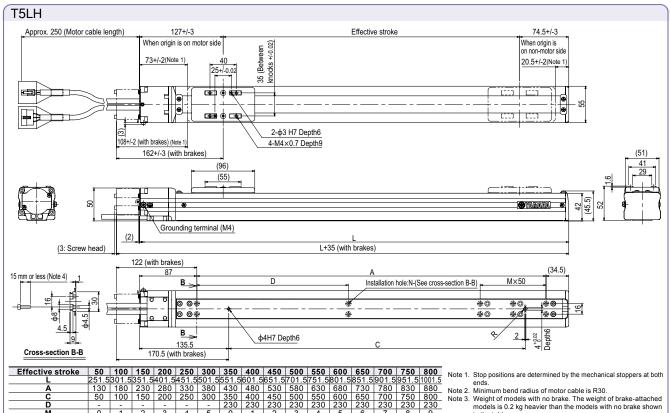
30		34	40
■ Conf	tro	ller	
Controlle	r O	perati	on method
SR1-X05 RCX320 RCX221/22 RCX340	R	emote	nming / trace / command / on S-232C

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communication TS-X105 I/O point trace / Remote command TS-X205

RDV-X205 Pulse train control



750 800 230 230 8 9 22 24 4.0 4.2 350 400 450 500 550 600 230 230 230 230 230 230 0 1 2 3 4 5 6 8 10 12 14 16 20 3.8 Weight (kg) Note 3 960 840 660 Lead 20 720 Lead 12 800 640 560 480 440 speed for each 320 280 240 220 Lead 6 400 (mm/sec) 80% 70% 60% 55% Speed setting

- in the table.
- The under-head length of the hex socket-head bolt (M4×0.7)
- Note 4. The under-head length of the hex socket-head bolt (M4×0./) to be used for the installation work is 15mm or less.

 Note 5. 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 at the left Note 6. External view of T5LH is identical to T5L.

Ordering method T6L Cable length No entry: No brakes
BK: Brakes provided
None: Standard
Z: Non-motor side 3L: 3.5m 5L: 5m 10L: 10m 3K/5K/10K 20: 20mm 12: 12mm (50mm pitch) (Flexible cal Note 1. The model with a lead of 20mm 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.

■ Allowable overhang Note

See P.732 for details on robot cable.

Note 3. See P.634 for DIN rail mounting bracket.

Note 4. Select this selection when using the gateway function. For details, see P.96.

	Т	TSX		-		_	
h ^{Note 2}		Positioner Note 3 TSX: TS-X	Driver: Power-supply voltage / Power capacity 105: 100V/100W or less 205: 200V/100W or less	No entry: None L: With LCD	I/O selection NP: NPN PN: PNP CC: CC-Link DN: DeviceNet™ EP: EtherNet/IP™ PT: PROFINET GW: No I/O boar	И	Battery B: With battery (Absolute) N: None (Incremental)
	ŀ	SR1-X	05	-		-	
		Controller	Driver: Power capacity - 05: 100W or less	- Usable for CE - No entry: Standard E: CE marking	I/O selection N: NPN P: PNP CC: CC-Link DN: DeviceNet™ PB: PROFIBUS		B: With battery (Absolute) N: None (Incremental)
	L	RDV-X	2	05	5 -	RB	R1
		Driver	Power-supply voltage 2: AC200V	Driver: Powe 05: 100W or less		egenera	tive unit

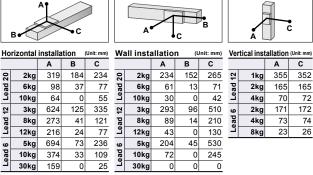
■ Specifications						
AC servo motor	output (W)		60			
Repeatability Not	e1(mm)		+/-0.02			
Deceleration me	chanism	Ва	II screw ¢	12		
Ball screw lead		20	12	6		
Maximum speed ^N	ote 2 (mm/sec)	1333	800	400		
Maximum	Horizontal	10	12	30		
payload (kg)	Vertical	-	4	8		
Rated thrust (N)		51	85	170		
Stroke (mm)		50 to 800 (50mm pitch)				
Overall length	Horizontal	Stroke+247.5				
(mm)	Vertical	St	roke+285	.5		
Maximum dimens section of main ur		W65×H56				
Cable length (m)	Standard	l: 3.5 / Op	tion: 5,10		
Linear guide typ			thic arch gro			
Position detector		Resolvers Note 3				
Resolution (Puls	se/rotation)	16384				
Note 1 Positioning r		no direction				

Positioning repeatability in one direction

Note 1. Positioning repeatability in one direction.

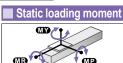
Note 2. When the stroke is longer than 600mm, resonance of the ball screw may occur depending on the operation conditions (critical speed). In this case, reduce the speed setting on the program by referring to the maximum speeds shown in the table below.

Note 3. 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 Note. Service life is calculated for 600mm stroke models



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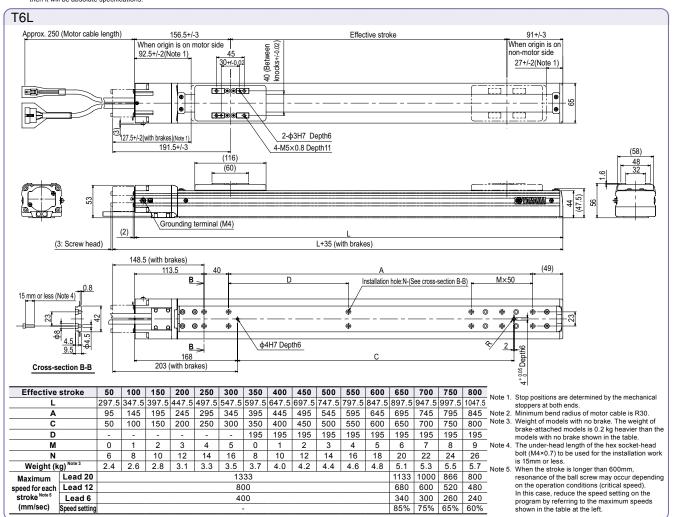
35

(Unit: N·m)

MR

50

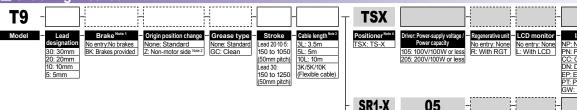
■ Contr	oller
Controller	Operation method
SR1-X05 RCX320 RCX221/222 RCX340	Programming / I/O point trace / Remote command / Operation using RS-232C communication
TS-X105	I/O point trace /
TS-X205	Remote command
RDV-X205-RBR1	Pulse train control



High lead: Lead 30 Origin on the non-motor side is selectable: Lead 10·20·30

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

Ordering method



Allowable overhang

- 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.732 for details on robot cable.

 Note 4. See P.634 for DIN rail mounting bracket.
- Note 5. Select this selection when using the gateway function. For details, see P.96.

]	Positioner Note 4 TSX: TS-X	Driver Power-supply voltage / Power capacity 105: 100V/100W or less 205: 200V/100W or less	Regenerative unit — LCD monitor No entry: None R: With RGT L: With LCD	I/O selection NP: NPN PN: PNP PN: PNP CC: CC-Link DN: DeviceNet™ EP: EtherNet/IP™ PT: PROFINET GW: No I/O board Note 5	Battery B: With battery (Absolute) N: None (Incremental)
-	SR1-X Controller	Driver: Power capacity 05: 100W or less	Usable for CE — Regenerative unit No entry: Standard No entry: None E: CE marking R: With RG1	N: NPN P: PNP CC: CC-Link DN: DeviceNet™ PB: PROFIBUS	Battery B: With battery (Absolute) N: None (Incremental)
L	RDV-X Driver	Power-supply voltage 2: AC200V	Driver: Power capacity 05: 100W or less	RBR1 Regenerative unit	

Specific	ations					L
AC servo motor			10	00		Γ
Repeatability Not	^{te 1} (mm)		+/-0	0.01		
Deceleration me	echanism		Ball scr	ew ф15		
Ball screw lead		30	20	10	5	
Maximum speed ^N		1800	1200	600	300	L
Maximum	Horizontal	15	30	55	80	
payload (kg)	Vertical	_	4	10	20	ŀ
Rated thrust (N)		56	84	169	339	
Stroke (mm)		150 to	1250 Note	3 (50mn	n pitch)	-
Overall length	Horizontal		Stroke	+259		
(mm)	Vertical		Stroke	+289		_
Maximum dimens section of main un			W94 :	× H98		3
Cable length (m)	Stand	ard: 3.5	/ Option	า: 5,10	
Linear guide type		4 rows of	f circular a		s × 1 rail	•
Position detect	or		Resolv			•
Resolution (Pul	se/rotation)		163	384		-

- Note 1. Positioning repeatability in one direction.
- Note 1. Positioning repeatability in one direction.

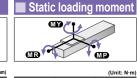
 Note 2. When the stroke is longer than 700mm, resonance of the ball screw may occur depending on the operation conditions (critical speed.) In this case, reduce the speed setting on the program by referring to the maximum speeds shown in the table below.

 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•<		∽ c			A ^c	_ [С			Á	<u></u> '		
Но	rizontal	installa	ation	(Unit: mm)	Wa	all insta	allatio	n (L	Jnit: mm)	Vei	rtical ins	tallation	(Unit: mm)	
		Α	В	С			Α	В	С			Α	С	Π
Lead 30	5kg	864	501	383	130	5kg	348	384	776	20	1kg	600	600	Ī
Lead	15kg	491	156	140	Lead	15kg	87	40	306	Lead	2kg	1098	1098	Ī
20	5kg	1292	505	462	20	5kg	416	388	1186	Le	4kg	545	545	L
ead	15kg	572	158	151	ad	15kg	92	42	386	10	4kg	594	594	-
Le	30kg	455	73	75	Le	30kg	0	0	61	ad	8kg	280	280	-
10	20kg	617	119	127	10	10kg	193	132	910	F	10kg	217	217	
Lead,	40kg	422	53	59	ad	20kg	53	0	400	2	10kg	221	221	F
Le	55kg	420	36	40	Le	30kg	0	0	109	Lead	15kg	135	135	F
2	50kg	722	42	47	5	10kg	197	133	2360	ت	20kg	92	92	7
-ead	60kg	657	33	37	ad	20kg	54	0	985					7
تّ	80kg	577	23	25	Le	30kg	0	0	427					F

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



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MR

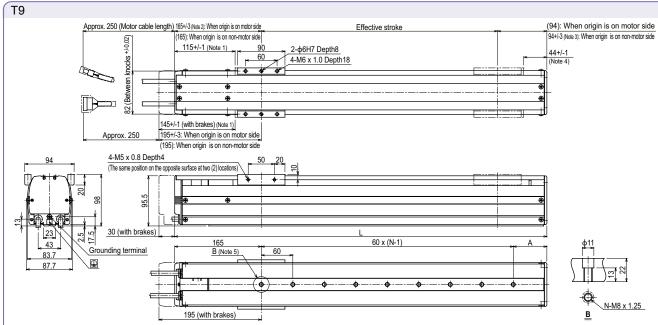
117

MY

86

5	■ Contr	oller
1	Controller	Operation method
)	SR1-X05 Note RCX320 RCX221/222 RCX340	Programming / I/O point trace / Remote command / Operation using RS-232C communication
2	TS-X105 Note	I/O point trace / Remote command
	RDV-X205-RBR1	Pulse train control

Note. 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. 167.5+/-4 when the high lead specification (Lead 30) is used.

 Note 3. 94+/-4 when the high lead specification (Lead 30) is used.
- Note 5. When installing the unit, washers, etc., cannot be used in the φ11 counter bore hole.

 Note 6. Minimum bend radius of motor cable is R5.

 Note 7. Weight of models with no brake. The weight of brake-attached models is 0.5 kg heavier than the models with no brake

Note 4. 41.5+/-1 when the high lead specification (Lead 30) is used.							SHOWII	in the ta	ibie.															
Effectiv	e stroke	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100 ^{Note 9}	1150 ^{Note 9}	1200 ^{Note 9}	1250
- 1	L	409	459	509	559	609	659	709	759	809	859	909	959	1009	1059	1109	1159	1209	1259	1309	1359	1409	1459	150
	Α	64	54	44	94	84	74	64	54	44	94	84	74	64	54	44	94	84	74	64	54	44	94	84
- 1	N	4	5	6	6	7	8	9	10	11	11	12	13	14	15	16	16	17	18	19	20	21	21	22
Weight	(kg) Note 7	5.5	5.9	6.2	6.6	6.9	7.3	7.6	8.0	8.3	8.7	9.0	9.4	9.7	10.0	10.3	10.7	11.0	11.4	11.7	12.1	12.5	12.9	13.3
	Lead 30		1800											14	40	11	70	90	00	810				
Maximum	Lead 20						12	00						960		780		600	00	540				
speed Note 8	Lead 10		600											48	30	390		30	00	270				
(mm/sec)	Lead 5						30	00						24	40	19	95	15	50	135				
	Speed setting													80)%	65	5%	50)%	45%				

- Note 8. 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 9. Strokes longer than 1050mm are special order items. Please contact us for speed setting.

1 [-----

Ordering method

T9H

specifications).

See P.732 for details on robot cable.

Note 4. See P.634 for DIN rail mounting bracket.

Brake Note 1 — Origin position change — Grease type — Stroke No entry:No brakes
BK: Brakes provided

None: Standard
Z: Non-motor side Note 2
GC: Clean 20: 20mm 10: 10mm 5: 5mm

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

Note 5. Select this selection when using the gateway function. For details, see P.96.

Note 2. If selecting 10mm·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.

3L:3.5m Lead 20:10:5: 150 to 1050 (50mm pitch) 3K/5K/10k 150 to 1250

Cable length Note 3 (Flexible cable)

TSX 110: 100V/200W 210: 200V/200W

Regenerative unit - LCD monitor I/O selection No entry: None
R: With RGT
No entry: None
L: With LCD EP: EtherNet/IP™ PT: PROFINET GW: No I/O board™

SR1-X 10

Usable for CE Regenerative unit I/O selection N: NPN P: PNP DN: DeviceNet¹ PB: PROFIBUS

RDV-X 2 10 RBR1 Driver: Power capacity - Regenerative to 2: AC200V 10: 200W or less

■ Specifications AC servo motor output (W) Repeatability Note 1 (mm) Deceleration mechanism 200 +/-0.01 Ball screw ф15
20 10
1200 600
40 80
8 20
170 341 Ball screw lead (mm)
Maximum speed Note 2 (mm/sec)
Maximum Horizontal payload (kg) Rated thrust (N) Vertical 683 Stroke (mm)
Overall length Horizontal 150 to 1250 Note 3 (50mm pitch) Stroke+273 (mm) Vertical
Maximum dimensions of cross Stroke+303 W94 × H98 section of main unit (mm)
Cable length (m)
Linear guide type Standard: 3.5 / Option: 5,10 4 rows of circular arc grooves × 1 rail Resolvers Note 4 Position detector Resolution (Pulse/rotation) 16384

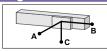
Note 1. Positioning repeatability in one direction.

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 by referring to the maximum speeds shown in the table below.

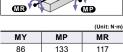
Note 3. Strokes longer than 1050mm are available only for high lead (Lead 30). (Special order item)

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.

Allowable overhang C В•







Static loading moment

WY)

Battery

With batt

(Absolute) N: None

(Incremental)

Battery

N: None

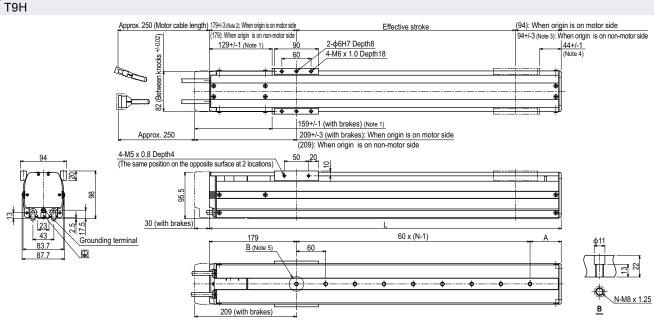
Но	rizontal	installa	tion	(Unit: mm)	Wa	all insta	allation	n (U	nit: mm)	Ver	tical inst	Vertical installation (Unit: mr						
A B C							Α	В	С			Α	С					
30	10kg	415	286	183	130	10kg	140	120	323	20	4kg	515	515					
Lead 30	20kg	270	105	93	Lead	20kg	41	0	123	ad	6kg	334	334					
20	10kg	667	244	225	20	10kg	170	128	549	اد	8kg	244	244					
Lead	20kg	330	112	107	ad	20kg	46	0	182	9	10kg	217	217					
٦	40kg	162	42	47	Le	40kg	0	0	0	ag	15kg	133	133					
9	30kg	392	75	81	9	20kg	52	0	335	اد	20kg	90	90					
Lead	50kg	297	40	44	ad	25kg	24	0	235	2	15kg	135	135					
اد	80kg	265	21	24	٦	30kg	0	0	108	ead	20kg	92	92					
2	60kg	477	22	37	2	20kg	54	0	710	اد	30kg	49	49					
Lead	80kg	412	22	25	ead	25kg	25	0	505									
اتـ	100kg	362	16	18	اد	30kg	0	0	355									
Nat	o Dioton	oo from		-£ -1:-1	ton t	o contor	of arouit	v of obje	ot boing		ind at a c	uido oo	ruioo					

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

Controller Controller Operation method Programming / I/O point trace / Remote command / SR1-X10 Note RCX221/222 Operation using RS-232C communication

TS-X110 Note V Operation U/O point trace / Remote command

RDV-X210-RBR1 Pulse train control Note. When using the unit vertically, a regeneration unit is required.



- Note 1. Stop positions are determined by the mechanical stoppers at both ends.
- Note 2. 181.5+/-4 when the high lead specification (Lead 30) is used. Note 3. 94+/-4 when the high lead specification (Lead 30) is used.
- Note 4 41 5+/-1 when the high lead specification (Lead 30) is used
- When installing the unit, washers, etc., cannot be used in the ϕ 11 counter bore hole.
- Note 6. Minimum bend radius of motor cable is R5
- Note 7. Weight of models with no brake. The weight of brake-attached models is 0.5 kg heavier than the models with no brake vn in the table

Teta II III a II III II II II II II II II I								00		30.0.														
Effectiv	e stroke	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100 ^{Note 9}	1150 ^{Note 9}	1200 ^{Note 9}	1250 ^{Note}
L		423	473	523	573	623	673	723	773	823	873	923	973	1023	1073	1123	1173	1223	1273	1323	1373	1423	1473	1523
	Α	64	54	44	94	84	74	64	54	44	94	84	74	64	54	44	94	84	74	64	54	44	94	84
N		4	5	6	6	7	8	9	10	11	11	12	13	14	15	16	16	17	18	19	20	21	21	22
Weight	(kg) Note 7	5.8	6.2	6.5	6.9	7.3	7.7	8.0	8.4	8.8	9.1	9.5	9.9	10.2	10.6	11.0	11.4	11.7	12.1	12.5	12.9	13.3	13.7	14.1
	Lead 30		1800												40	11	70	9(00	810				
Maximum	Lead 20						12	00						96	960		30	60	00	540				
speed Note 8	Lead 10						60	00						48	480		90	300		270				
(mm/sec)	Lead 5						30	00						24	240		95	1:	50	135				
	Speed setting						-	-						80	%	65	%	50)%	45%				
Note 8. When the stroke is longer than 700mm, resonance of the hall screw may occur deper									ondina c	n the e	acrotion	conditio	no (oriti	ool opor	ad) In th	io oooo	roduos	the ene	od sotti	na on the	progran	by refer	rring to	

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