

T4L

Origin on the non-motor side is selectable

Controller: 24V



Ordering method

T4L							ERC D	
Model	Lead designation	Brake	Origin position change	Grease type	Stroke	Cable length ^{Note 1}	Controller	I/O connector specification
	12: 12mm 6: 6mm 2: 2mm	No entry: No brakes BK: Brakes provided	None: Standard Z: Non-motor side	None: Standard GC: Clean	50 to 400 (50mm pitch)	1K: 1m 3K: 3.5m 5K: 5m 10K: 10m		CN1: I/O flat cable 1m (Standard) CN2: Twisted-pair cable 2m (pulse train function)

Note 1. The robot cable is flexible and resists bending. See P.692 for details on robot cable.

Specifications

AC servo motor output (W)	30		
Repeatability ^{Note 1} (mm)	+/-0.02		
Deceleration mechanism	Ball screw $\phi 8$		
Ball screw lead (mm)	12	6	2
Maximum speed (mm/sec)	720	360	120
Maximum payload (kg)	Horizontal		Vertical
	4.5	6	6
Rated thrust (N)	32	64	153
Stroke (mm)	50 to 400 (50mm pitch)		
Overall length (mm)	Horizontal		Vertical
	Stroke+198		Stroke+236
Maximum dimensions of cross section of main unit (mm)	W45 x H53		
Cable length (m)	Standard: 3.5 / Option: 1.5, 10		
Linear guide type	2 rows of gothic arch grooves x 1 rail		
Position detector	Resolvers ^{Note 2}		
Resolution (Pulse/rotation)	16384		

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^{Note}

Horizontal installation (Unit: mm)				Wall installation (Unit: mm)				Vertical installation (Unit: mm)			
	A	B	C		A	B	C	Lead 12	A	C	
Lead 12	2kg	433	87	180	2kg	149	54	376	1.2kg	125	125
	4.5kg	223	33	75	4.5kg	50	1	148	2.4kg	56	57
Lead 6	3kg	515	58	135	3kg	107	24	380	3kg	41	42
	6kg	340	26	62	6kg	31	0	195	7.2kg	0	0
Lead 2	3kg	1585	58	142	3kg	113	24	1180			
	6kg	755	27	66	6kg	32	0	440			

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.

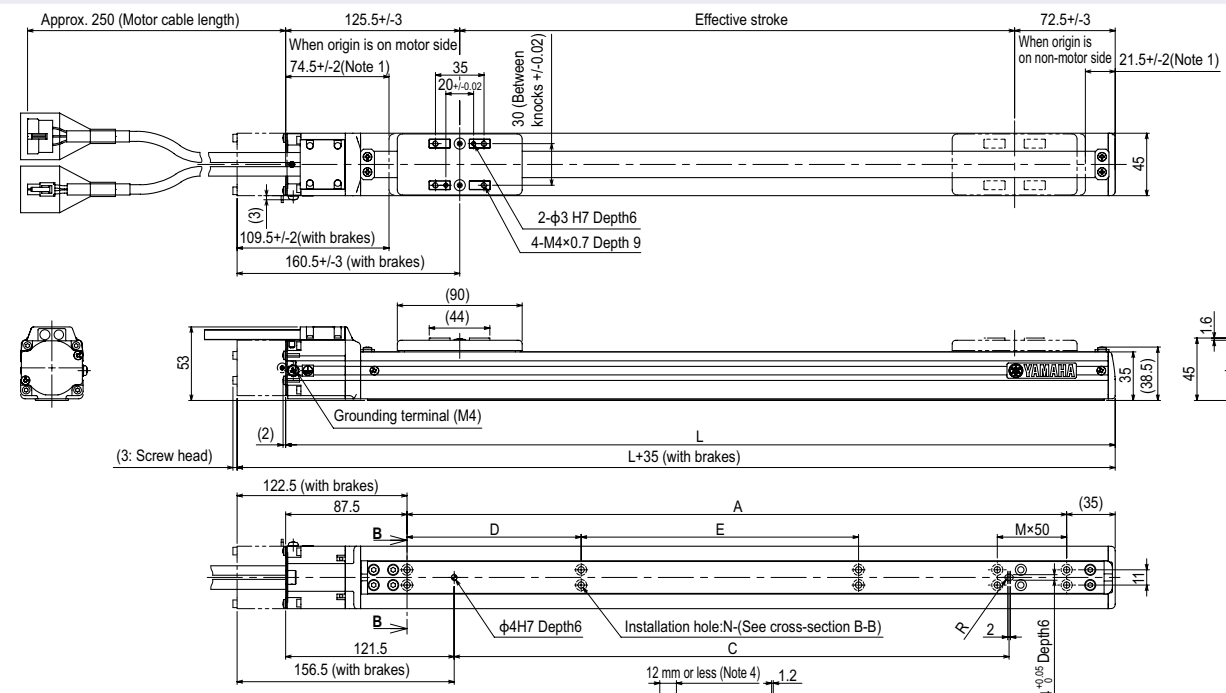
Static loading moment

(Unit: N·m)		
MY	MP	MR
15	19	18

Controller

Controller	Operation method
ERC D	Pulse train control / Programming / I/O point trace / Remote command / Operation using RS-232C communication

T4L



Effective stroke	50	100	150	200	250	300	350	400
L	248	298	348	398	448	498	548	598
A	125.5	175.5	225.5	275.5	325.5	375.5	425.5	475.5
C	50	100	150	200	250	300	350	400
D	-	-	-	-	125.5	125.5	125.5	125.5
E	-	-	-	-	-	200	200	-
M	0	1	2	3	0	1	0	1
N	4	6	8	10	6	8	8	10
Weight (kg) ^{Note 3}	1.1	1.2	1.4	1.5	1.6	1.7	1.8	1.9
Maximum speed for each stroke (mm/sec)	Lead 12	720						
	Lead 6	360						
	Lead 2	120						

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

Note 2. Minimum bend radius of motor cable is R30.

Note 3. Weight of models with no brake. The weight of brake-attached models is 0.2 kg heavier than the models with no brake shown in the table.

Note 4. The under-head length of the hex socket-head bolt (M4x0.7) to be used for the installation work is 12mm or less.

Note 5. External view of T4LH is identical to T4L.

T4LH

● Origin on the non-motor side is selectable

● Controller: 100V / 200V



Ordering method

T4LH

Model	Lead designation	Brake	Origin position change	Grease type	Stroke	Cable length ^{Note 1}
	12: 12mm 6: 6mm 2: 2mm	No entry: No brakes BK: Brakes provided	None: Standard Z: Non-motor side	None: Standard GC: Clean	50 to 400 (50mm pitch)	3L: 3.5m 5L: 5m 10L: 10m 3K/5K/10K (Flexible cable)

TSX

Positioner ^{Note 2}	Driver: Power-supply voltage / Power capacity	LCD monitor	I/O selection	Battery
TSX: TS-X	105: 100V/100W or less 205: 200V/100W or less	No entry: None L: With LCD	NP: NPN PN: PNP CC: CC-Link DN: DeviceNet™ EP: EtherNet/IP™ PT: PROFIBUS GW: No I/O board ^{Note 3}	B: With battery (Absolute) N: None (Incremental)

SR1-X

Controller	Driver: Power capacity	Usable for CE	I/O selection	Battery
05	05: 100W or less	No entry: Standard E: CE marking	N: NPN P: PNP CC: CC-Link DN: DeviceNet™ PB: PROFIBUS	B: With battery (Absolute) N: None (Incremental)

RDV-X

Driver	Power-supply voltage	Driver: Power capacity
2	2: AC200V	05: 100W or less

Note 1. The robot cable is standard cable (3L/5L/10L), but can be changed to flexible cable. See P.692 for details on robot cable.
Note 2. See P.600 for DIN rail mounting bracket.
Note 3. Select this selection when using the gateway function.

Specifications

AC servo motor output (W)	30
Repeatability ^{Note 1} (mm)	+/-0.02
Deceleration mechanism	Ball screw φ8
Ball screw lead (mm)	12 6 2
Maximum speed (mm/sec)	720 360 120
Maximum payload (kg)	Horizontal: 4.5, 6, 7.2 Vertical: 1.2, 2.4, 7.2
Rated thrust (N)	32 64 153
Stroke (mm)	50 to 400 (50mm pitch)
Overall length (mm)	Horizontal: Stroke+198 Vertical: Stroke+236
Maximum dimensions of cross section of main unit (mm)	W45 × H53
Cable length (m)	Standard: 3.5 / Option: 5,10
Linear guide type	2 rows of gothic arch grooves × 1 rail
Position detector	Resolvers ^{Note 2}
Resolution (Pulse/rotation)	16384

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^{Note}

	Horizontal installation (Unit: mm)			Wall installation (Unit: mm)			Vertical installation (Unit: mm)		
	A	B	C	A	B	C	A	C	
Lead 12	2kg: 341	90	174	2kg: 140	73	300	1.2kg: 122	121	
Lead 6	4.5kg: 172	37	72	4.5kg: 47	22	119	2.4kg: 56	57	
Lead 2	3kg: 355	58	134	3kg: 105	42	260	3kg: 41	42	
Lead 2	6kg: 235	27	62	6kg: 31	11	135	7.2kg: 0	0	
Lead 2	3kg: 1105	59	142	3kg: 113	42	810			
Lead 2	6kg: 520	27	66	6kg: 32	11	305			

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.

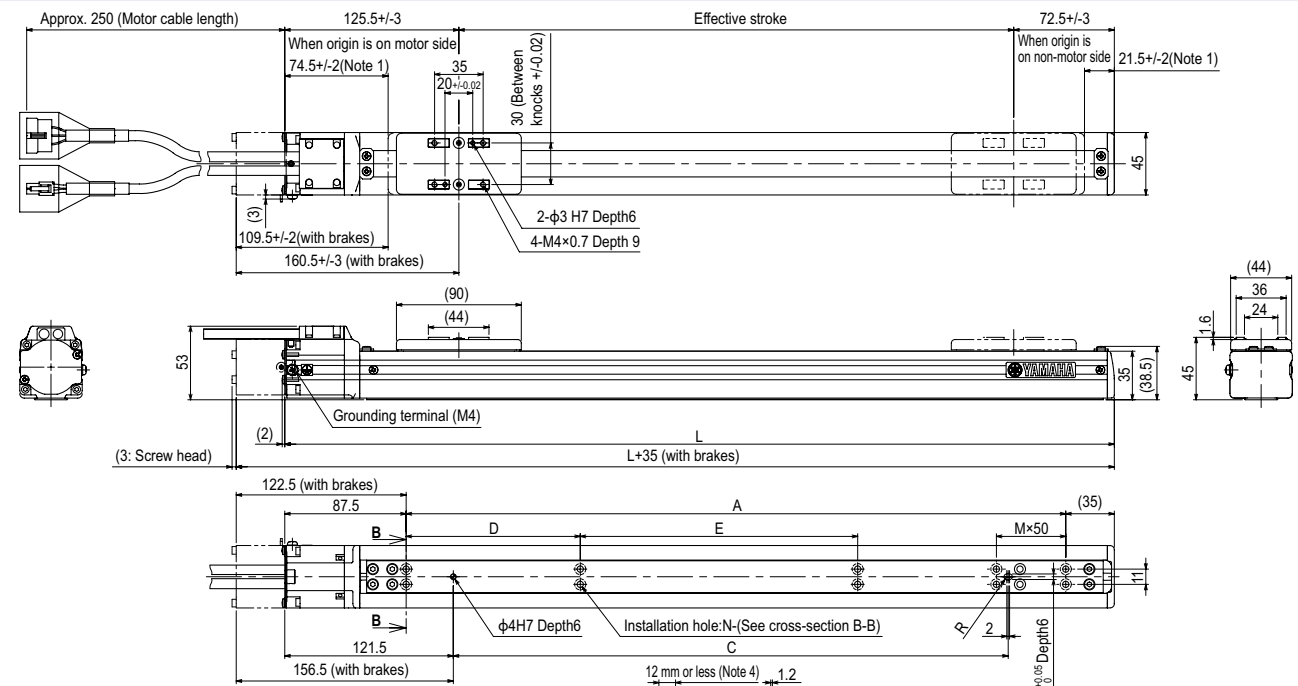
Static loading moment

(Unit: N·m)		
MY	MP	MR
15	19	18

Controller

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

T4LH



Effective stroke	50	100	150	200	250	300	350	400
L	248	298	348	398	448	498	548	598
A	125.5	175.5	225.5	275.5	325.5	375.5	425.5	475.5
C	50	100	150	200	250	300	350	400
D	-	-	-	-	125.5	125.5	125.5	125.5
E	-	-	-	-	-	200	200	200
M	0	1	2	3	0	1	0	1
N	4	6	8	10	6	8	8	10
Weight (kg) ^{Note 3}	1.1	1.2	1.4	1.5	1.6	1.7	1.8	1.9
Maximum speed for each stroke (mm/sec)	Lead 12	720						
	Lead 6	360						
	Lead 2	120						

Note 1. Stop positions are determined by the mechanical stoppers at both ends.
Note 2. Minimum bend radius of motor cable is R30.
Note 3. Weight of models with no brake. The weight of brake-attached models is 0.2 kg heavier than the models with no brake shown in the table.
Note 4. The under-head length of the hex socket-head bolt (M4×0.7) to be used for the installation work is 12mm or less.
Note 5. External view of T4LH is identical to T4L.

T5L

- High lead: Lead 20
- Origin on the non-motor side is selectable
- Controller: 24V



Ordering method

T5L							ERCD	
Model	Lead designation	Brake ^{Note 1}	Origin position change	Grease type	Stroke	Cable length ^{Note 2}	Controller	I/O connector specification
	20: 20mm 12: 12mm 6: 6mm	No entry: No brakes BK: Brakes provided	None: Standard Z: Non-motor side	None: Standard GC: Clean	50 to 800 (50mm pitch)	1K: 1m 3K: 3.5m 5K: 5m 10K: 10m		CN1: I/O flat cable 1m (Standard) CN2: Twisted-pair cable 2m (pulse train function)

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.692 for details on robot cable.

Specifications

AC servo motor output (W)	30
Repeatability ^{Note 1} (mm)	+/-0.02
Deceleration mechanism	Ball screw $\phi 12$
Ball screw lead (mm)	20 12 6
Maximum speed ^{Note 2} (mm/sec)	1200 800 400
Maximum payload (kg)	Horizontal 3 5 9 Vertical - 1.2 2.4
Rated thrust (N)	19 32 64
Stroke (mm)	50 to 800 (50mm pitch)
Overall length (mm)	Horizontal Stroke+201.5 Vertical Stroke+239.5
Maximum dimensions of cross section of main unit (mm)	W55×H52
Cable length (m)	Standard: 3.5 / Option: 1.5, 10
Linear guide type	2 rows of gothic arch grooves x 1 rail
Position detector	Resolvers ^{Note 3}
Resolution (Pulse/rotation)	16384

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.

Allowable overhang ^{Note}

	Horizontal installation (Unit: mm)			Wall installation (Unit: mm)			Vertical installation (Unit: mm)	
	A	B	C	A	B	C	A	C
Lead 20	1kg 600	323	683	1kg 600	291	600	1.2kg 242	240
Lead 12	3kg 675	103	247	3kg 215	73	589	2.4kg 113	113
Lead 6	2kg 1170	159	406	2kg 368	127	1082		
	5kg 555	59	155	5kg 127	30	449		
	3kg 1498	104	294	3kg 263	73	970		
	9kg 628	31	89	9kg 54	0	400		

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.

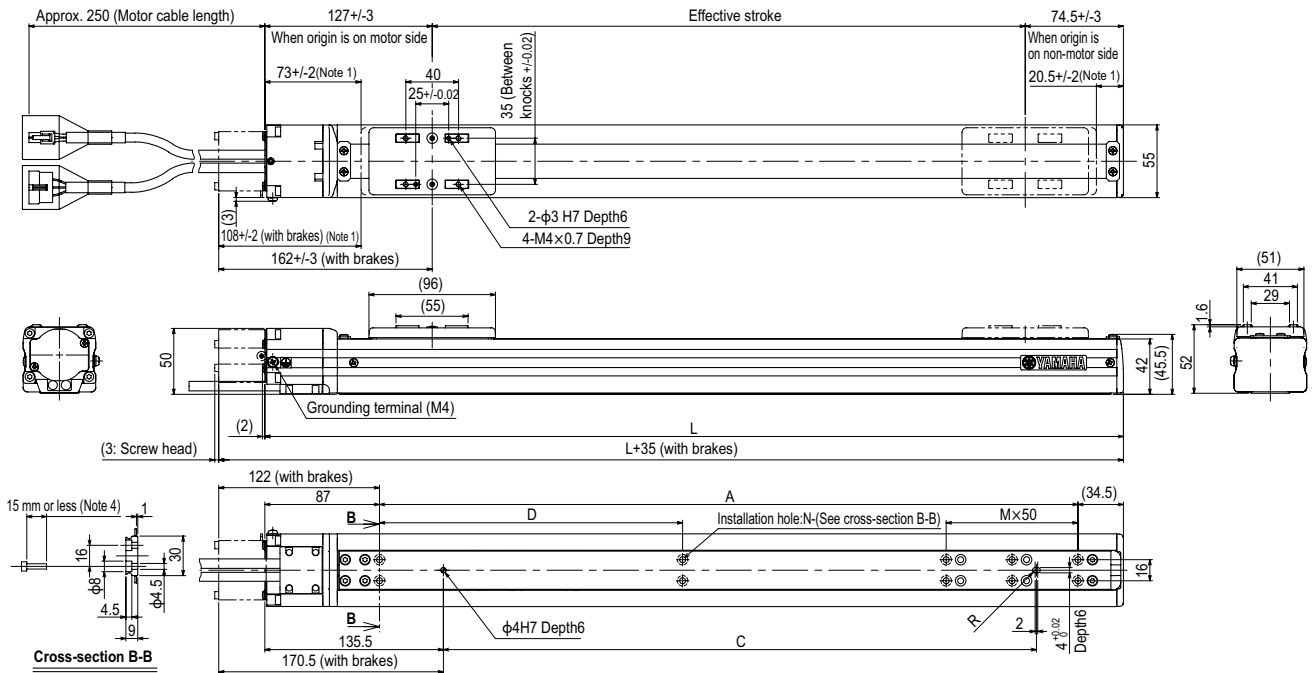
Static loading moment

(Unit: N·m)		
MY	MP	MR
30	34	40

Controller

Controller	Operation method
ERCD	Pulse train control / Programming / I/O point trace / Remote command / Operation using RS-232C communication

T5L



Effective stroke	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800
L	251.5	301.5	351.5	401.5	451.5	501.5	551.5	601.5	651.5	701.5	751.5	801.5	851.5	901.5	951.5	1001.5
A	130	180	230	280	330	380	430	480	530	580	630	680	730	780	830	880
C	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800
D	-	-	-	-	-	230	230	230	230	230	230	230	230	230	230	230
M	0	1	2	3	4	5	0	1	2	3	4	5	6	7	8	9
N	4	6	8	10	12	14	6	8	10	12	14	16	18	20	22	24
Weight (kg) ^{Note 3}	1.7	1.8	2.0	2.2	2.3	2.5	2.7	2.8	3.0	3.2	3.3	3.5	3.7	3.8	4.0	4.2
Maximum speed for each stroke ^{Note 5} (mm/sec)																
Lead 20												960	840	720	660	
Lead 12												640	560	480	440	
Lead 6												320	280	240	220	
Speed setting												80%	70%	60%	55%	

Note 1. Stop positions are determined by the mechanical stoppers at both ends.
Note 2. Minimum bend radius of motor cable is R30.
Note 3. Weight of models with no brake. The weight of brake-attached models is 0.2 kg heavier than the models with no brake shown in the table.
Note 4. The under-head length of the hex socket-head bolt (M4×0.7) 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.

T6L

- High lead: Lead 20
- Origin on the non-motor side is selectable
- Controller: 100V / 200V

Ordering method

T6L

Model	Lead designation	Brake ^{Note 1}	Origin position change	Grease type	Stroke	Cable length ^{Note 3}
	20: 20mm 12: 12mm 6: 6mm	No entry: No brakes BK: Brakes provided	None: Standard Z: Non-motor side	None: Standard GC: Clean	50 to 800 (50mm pitch)	3L: 3.5m 5L: 5m 10L: 10m 5K/5K/10K (Flexible cable)

TSX

Positioner ^{Note 3}	Driver: Power-supply voltage / Power capacity	LCD monitor	I/O selection	Battery
TSX: TS-X	105: 100V/100W or less 205: 200V/100W or less	No entry: None L: With LCD	NP: NPN PN: PNP CC: CC-Link DN: DeviceNet™ EP: EtherNet/IP™ PT: PROFINET GW: No I/O board ^{Note 4}	B: With battery (Absolute) N: None (Incremental)

SR1-X

Controller	Driver: Power capacity	Usable for CE	I/O selection	Battery
05	05: 100W or less	No entry: Standard E: CE marking	N: NPN P: PNP CC: CC-Link DN: DeviceNet™ PB: PROFIBUS	B: With battery (Absolute) N: None (Incremental)

RDV-X

Driver	Power-supply voltage	Driver: Power capacity	Regenerative unit
2	2: AC200V	05: 100W or less	RBR1

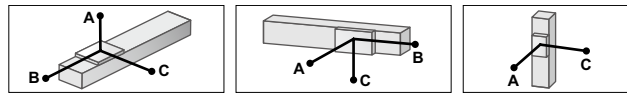
- Note 1. The model with a lead of 20mm cannot select specifications with brake (vertical specifications).
 Note 2. The robot cable is standard cable (3L/5L/10L), but can be changed to flexible cable. See P.692 for details on robot cable.
 Note 3. See P.600 for DIN rail mounting bracket.
 Note 4. Select this selection when using the gateway function.

Specifications

AC servo motor output (W)	60		
Repeatability ^{Note 1} (mm)	+/-0.02		
Deceleration mechanism	Ball screw $\phi 12$		
Ball screw lead (mm)	20	12	6
Maximum speed ^{Note 2} (mm/sec)	1333	800	400
Maximum payload (kg)	Horizontal	Vertical	
	10	12	30
	-	4	8
Rated thrust (N)	51	85	170
Stroke (mm)	50 to 800 (50mm pitch)		
Overall length (mm)	Horizontal	Stroke+247.5	
	Vertical	Stroke+285.5	
Maximum dimensions of cross section of main unit (mm)	W65×H56		
Cable length (m)	Standard: 3.5 / Option: 5,10		
Linear guide type	2 rows of gothic arch grooves × 1 rail		
Position detector	Resolvers ^{Note 3}		
Resolution (Pulse/rotation)	16384		

- 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.

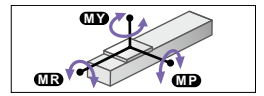
Allowable overhang^{Note}



Installation	Lead	Horizontal installation (Unit: mm)			Wall installation (Unit: mm)			Vertical installation (Unit: mm)				
		A	B	C	A	B	C	A	B	C		
Horizontal	20	2kg	319	184	234	2kg	234	152	265	1kg	355	352
	6kg	98	37	77	6kg	61	13	71	2kg	165	165	
	10kg	64	0	55	10kg	30	0	42	4kg	70	72	
Wall	12	3kg	624	125	335	3kg	293	96	510	2kg	171	172
	8kg	273	41	121	8kg	89	14	210	4kg	73	74	
	12kg	216	24	77	12kg	43	0	130	8kg	23	26	
Vertical	6	5kg	694	73	236	5kg	204	45	530			
	10kg	374	33	109	10kg	72	0	245				
	30kg	159	0	25	30kg	0	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 600mm stroke models.

Static loading moment

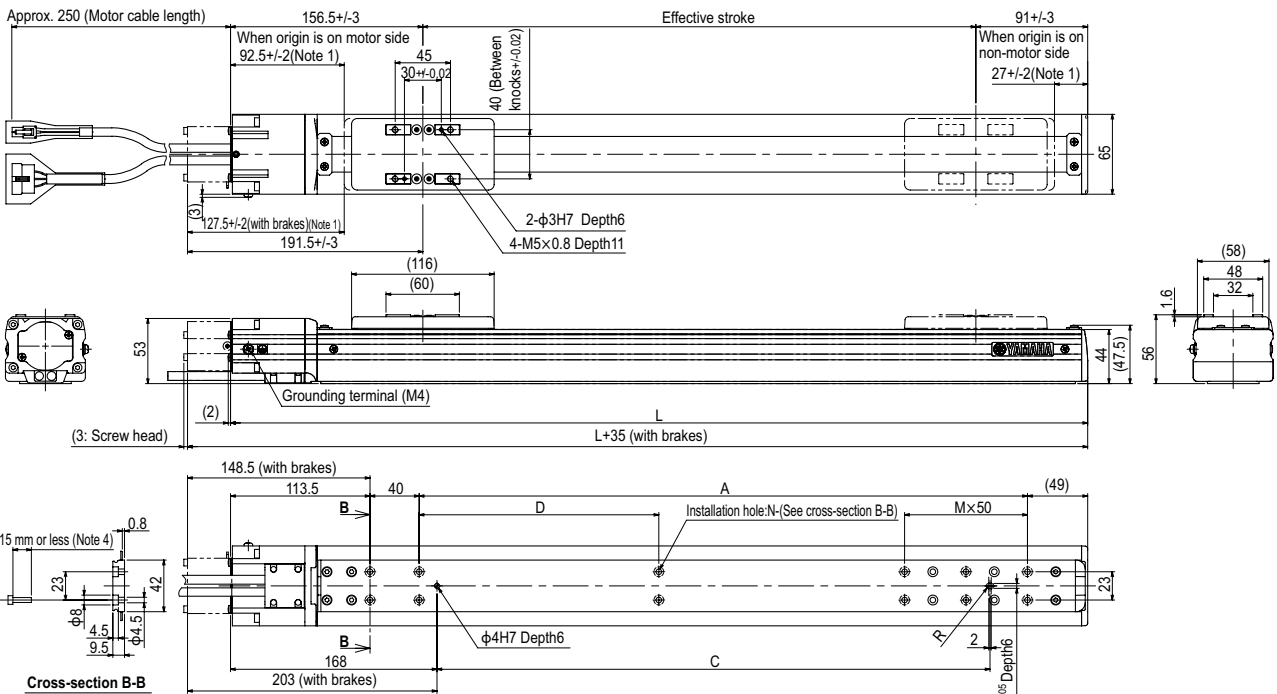


(Unit: N·m)		
MY	MP	MR
35	40	50

Controller

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

T6L



Effective stroke	Stroke (mm)																
	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	
L	297.5	347.5	397.5	447.5	497.5	547.5	597.5	647.5	697.5	747.5	797.5	847.5	897.5	947.5	997.5	1047.5	
A	95	145	195	245	295	345	395	445	495	545	595	645	695	745	795	845	
C	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	
D	-	-	-	-	-	-	195	195	195	195	195	195	195	195	195	195	
M	0	1	2	3	4	5	0	1	2	3	4	5	6	7	8	9	
N	6	8	10	12	14	16	8	10	12	14	16	18	20	22	24	26	
Weight (kg) ^{Note 3}	2.4	2.6	2.8	3.1	3.3	3.5	3.7	4.0	4.2	4.4	4.6	4.8	5.1	5.3	5.5	5.7	
Maximum speed for each stroke ^{Note 5} (mm/sec)	Lead 20	1333															
	Lead 12	800															
	Lead 6	400															
	Speed setting	85% 75% 65% 60%															

- Note 1. Stop positions are determined by the mechanical stoppers at both ends.
 Note 2. Minimum bend radius of motor cable is R30.
 Note 3. Weight of models with no brake. The weight of brake-attached models is 0.2 kg heavier than the models with no brake shown in the table.
 Note 4. The under-head length of the hex socket-head bolt (M4x0.7) 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.

T9H

● High lead: Lead 30

● Origin on the non-motor side is selectable: Lead 20-30

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

Ordering method

T9H	Model	Lead designation 30: 30mm 20: 20mm 10: 10mm 5: 5mm	Brake ^{Note 1} No entry: No brakes BK: Brakes provided	Origin position change None: Standard Z: Non-motor side ^{Note 2}	Grease type None: Standard GC: Clean	Stroke Lead 20/10/5: 150 to 1050 (50mm pitch) Lead 30: 150 to 1250 (50mm pitch)	Cable length ^{Note 3} 3L: 3.5m 5L: 5m 10L: 10m 3K/5K/10K (Flexible cable)
------------	--------------	---	--	--	---	--	--

TSX	Positioner ^{Note 4} TSX: TS-X	Driver: Power supply voltage Power capacity 110: 100V/200W 210: 200V/200W	Regenerative unit No entry: None R: With RGT	LCD monitor 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 board ^{Note 5}	Battery B: With battery (Absolute) N: None (Incremental)
------------	--	---	---	---	---	---

SR1-X	Controller	10	Driver: Power capacity 10: 200W	Usable for CE No entry: Standard E: CE marking	Regenerative unit No entry: None R: With RGT1	I/O selection N: NPN P: PNP CC: CC-Link DN: DeviceNet™ PB: PROFIBUS	Battery B: With battery (Absolute) N: None (Incremental)
--------------	-------------------	-----------	---	---	--	---	---

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

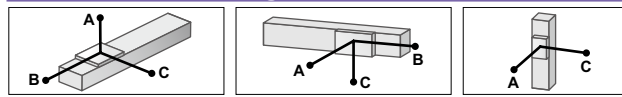
- Note 1. The model with a lead of 30mm cannot select specifications with brake (vertical specifications).
 Note 2. If selecting 10mm-5mm lead specifications then the origin point cannot be changed to the non-motor side.
 Note 3. The robot cable is standard cable (3L/5L/10L), but can be changed to flexible cable. See P.692 for details on robot cable.
 Note 4. See P.600 for DIN rail mounting bracket.
 Note 5. Select this selection when using the gateway function.

Specifications

AC servo motor output (W)	200
Repeatability ^{Note 1} (mm)	+/-0.01
Deceleration mechanism	Ball screw ϕ 15
Ball screw lead (mm)	30 20 10 5
Maximum speed ^{Note 2} (mm/sec)	1800 1200 600 300
Maximum payload (kg)	Horizontal 25 40 80 100 Vertical - 8 20 30
Rated thrust (N)	113 170 341 683
Stroke (mm)	150 to 1250 ^{Note 3} (50mm pitch)
Overall length (mm)	Horizontal Stroke+273 Vertical Stroke+303
Maximum dimensions of cross section of main unit (mm)	W94 x H98
Cable length (m)	Standard: 3.5 / Option: 5.10
Linear guide type	4 rows of circular arc grooves x 1 rail
Position detector	Resolvers ^{Note 4}
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.

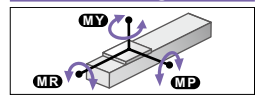
Allowable overhang



	Horizontal installation (Unit: mm)			Wall installation (Unit: mm)			Vertical installation (Unit: mm)			
	A	B	C	A	B	C	A	B	C	
Lead 30										
10kg	415	286	183	10kg	140	120	323	4kg	515	515
20kg	270	105	93	20kg	41	0	123	6kg	334	334
10kg	667	244	225	10kg	170	128	549	8kg	244	244
20kg	330	112	107	20kg	46	0	182	10kg	217	217
40kg	162	42	47	40kg	0	0	0	15kg	133	133
Lead 20										
10kg	392	75	81	10kg	52	0	335	20kg	90	90
20kg	265	21	24	20kg	0	0	108	15kg	135	135
30kg	477	22	37	30kg	54	0	710	20kg	92	92
50kg	297	40	44	50kg	25	0	505	30kg	49	49
80kg	412	22	25	80kg	0	0	355			
100kg	362	16	18	100kg						

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

Static loading moment



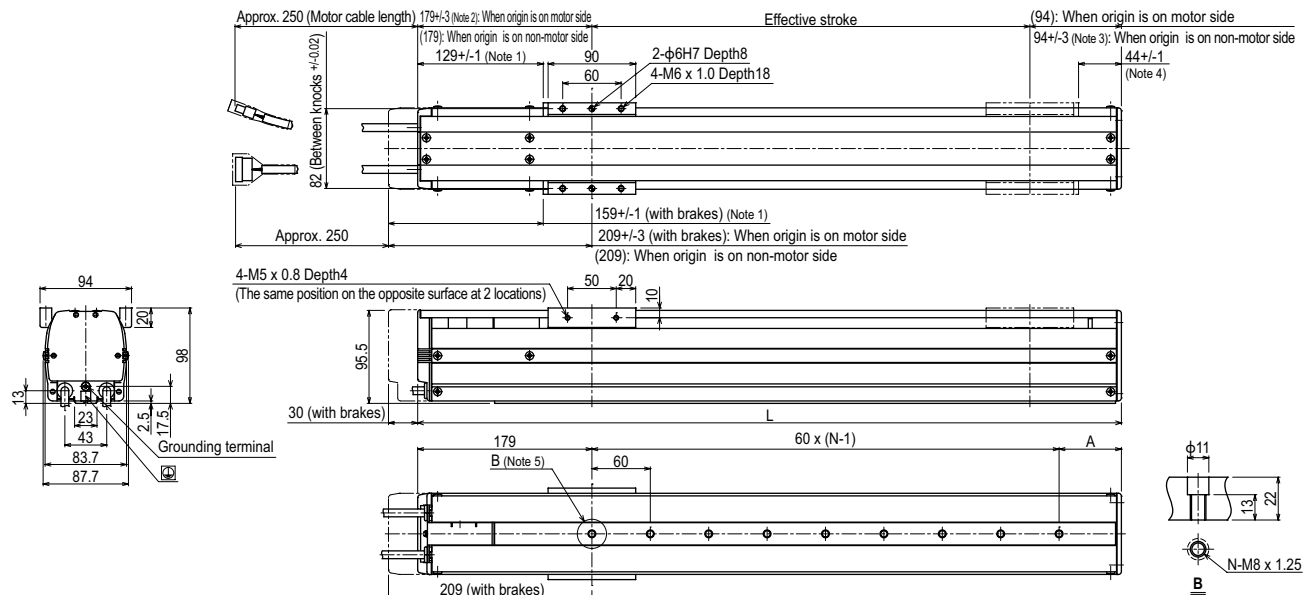
	MY	MP	MR
(Unit: N·m)	86	133	117

Controller

Controller	Operation method
SR1-X10 ^{Note} RCX320 RCX340	Programming / I/O point trace / Remote command / Operation using RS-232C communication
TS-X110 ^{Note} TS-X210 ^{Note} RDV-X210-RBR1	I/O point trace / Remote command / Pulse train control

Note. When using the unit vertically, a regeneration unit is required.

T9H



- 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.
 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 shown in the table.

Effective 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 9}
L	423	473	523	573	623	673	723	773	823	873	923	973	1023	1073	1123	1173	1223	1273	1323	1373	1423	1473	1523
A	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
Maximum speed ^{Note 8} (mm/sec)	Lead 30	1800																					
	Lead 20	1200																					
	Lead 10	600																					
	Lead 5	300																					
Speed setting	-																						

- 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.