

- Can be used for wall-mount



Single carriage model

Note 1. For the details of the semi-absolute model, please refer to P.67. RDV-P has an incremental model only.

Note 2. For models with a stroke of 2100 or longer (2050 or longer for double carriage models), only the optional L type cable carriers can be used.

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. If a flexible cable is needed for the SR1-P, TS-P, or RDV-P, then select 3K/5K/10K. On the RCX221HP, the standard cable is a flexible cable, so enter 3L/5L/10L when ordering.

Note 5. These controllers can be mounted on DIN rails. See P.634 for details.

Note 6. Select this selection when using the gateway function. For details, see P.96.

Note. It is possible to provide the model without a cable carrier. To find information on wiring (cable terminals) within the cable carrier see P.742.

Note. Specify various controller setting items.

Note. A vertical model (with brake) is not available with the PHASER series.
 Note. The basic specifications of semi-absolute model are the same as those of the incremental model.
 Note 1. Payload per carrier. When the payload exceeds 30kg, please consult our sales office or sales representative.
 Note 2. Table of maximum speed

Pavload (kg)	Maximum speed (mm/s)
0	2500
10	2500
20	2500
30	2500
40	2250
50	2000
60	1500

Horizontal installation (Unit: mm)				Wall installation (Unit: mm)			
	A	B	C		A	B	C
10kg	3364	2485	1284	10kg	1290	1320	2730
20kg	2298	1265	694	20kg	650	610	1750
30kg	2060	859	507	30kg	430	360	1460
40kg	1570	600	310	40kg	205	230	610
50kg	1265	400	180	50kg	145	175	470
60kg	1070	350	135	60kg	105	140	380

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
373	373	328

Controller	Operating method
SR1-P20-R	Programming / I/O point trace /
RCX320-R RCX221HP-R RCX340	Remote command / Operation using RS-232C communication
TS-P220-R	I/O point trace / Remote command
RDV-P220-RBR1	Pulse train control

RH Horizontal, right

LH Horizontal, left

RW Wall mounted, right

LW Wall mounted, left

Note. Be sure to install in the direction as specified (in cable carrier take-out direction drawing and various specification drawings) individually. Installation in any other way will cause a failure. For requirement of installation in any way other than the above standard installation, please consult YAMAHA as special arrangement will be available.

S type

Overall length: 215.5
Overall height: 100
Internal width: 24
Internal height: 15
Internal offset: 14
Internal depth: 20.5

M type

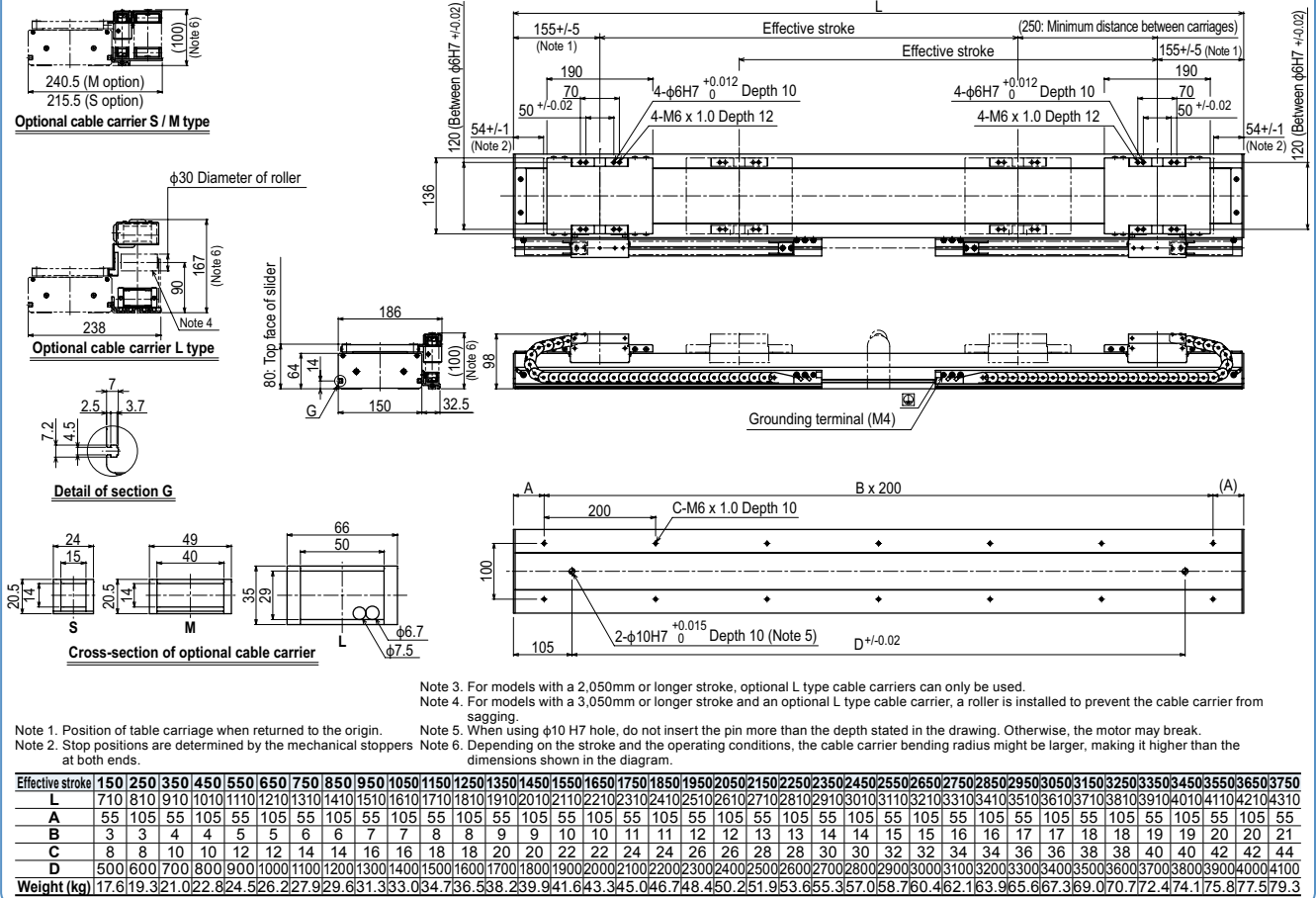
Overall length: 240.5
Overall height: 100
Internal width: 49
Internal height: 40
Internal offset: 14
Internal depth: 20.5

L type

Overall length: 238
Overall height: 167
Internal width: 66
Internal height: 50
Internal offset: 14
Internal depth: 20.5
Internal depth (bottom): 29
Internal depth (bottom): 35

Legend: Space for optional cable for users

MF30D double carriage horizontal mount model H



MF30D double carriage wall mount model W

