

MITSUBISHI

REGENERATIVE BRAKE OPTION

MR-RB

Installation Guide F

Thank you for choosing this product. This guide is the installation guide for the regenerative brake option (MR-RB). To ensure safety, always read through this guide and the installation guide (instruction manual) of the servo amplifier used before using this product. What is not written in this guide is described in the installation guide of the servo amplifier. Please forward this guide and other attached documents to the customer who will use this product. Also, always keep this guide and other documents.



CAUTION

The regenerative brake option and servo amplifier used together should be as specified in the servo amplifier installation guide (instruction manual). You cannot use any unspecified combination and any other resistor than the regenerative brake option.

For using and connecting the regenerative brake option, refer to the installation guide and instruction manual of the servo amplifier used.

1. SPECIFICATIONS

The regenerative powers given in the following table are not the permissible powers of the resistors.

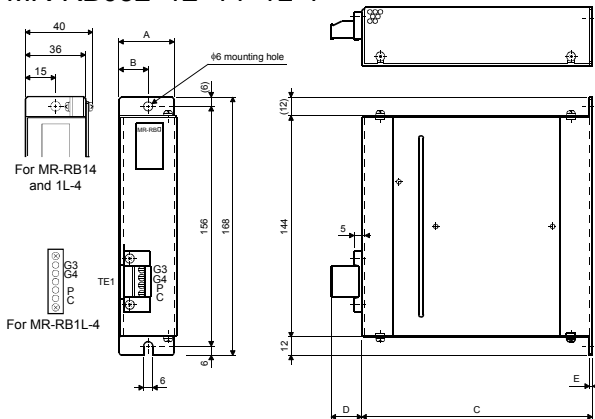
Model	Resistance [Ω]	Regenerative Power[w]	Model	Resistance [Ω]	Regenerative Power[w]	Model	Resistance [Ω]	Regenerative Power[w]
MR-RB013	52	10	MR-RB51	6.7	(*1)500	MR-RB3H-4	80	300
MR-RB032	40	30	MR-RB54	26	500	MR-RB3G-4	80	500
MR-RB033	52	30	MR-RB5E	6	(*2)500(800)	MR-RB34-4	26	300
MR-RB064	26	60	MR-RB9P	4.5	(*2)850(1300)	MR-RB5H-4	80	500
MR-RB10	13	100	MR-RB9F	3	(*2)850(1300)	MR-RB5G-4	47	(*1)300
MR-RB12	40	100	MR-RB65	8	(*2)500(800)	MR-RB54-4	47	(*1)500
MR-RB14	26	100	MR-RB66	5	(*2)850(1300)	MR-RB6B-4	20	(*2)500(800)
MR-RB30	13	300	MR-RB67	4	(*2)850(1300)	MR-RB60-4	12.5	(*2)850(1300)
MR-RB31	6.7	300	MR-RB137	3.9	3900	MR-RB6K-4	10	(*2)850(1300)
MR-RB32	40	300	MR-RB139	1.3	1300	MR-RB136-4	5	1300
MR-RB34	26	300	MR-RB1L-4	270	100	MR-RB138-4	15	3900
MR-RB50	13	(*1)500	MR-RB3M-4	120	300			

*1. This unit needs to be cooled by fan.

*2. The regenerative power can be increased to the value shown within parentheses by cooling the unit by fan.

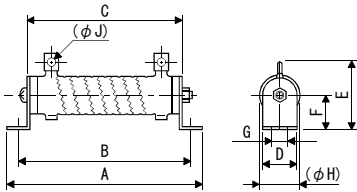
2. OUTLINE DIMENSION DRAWINGS

MR-RB032 · 12 · 14 · 1L-4



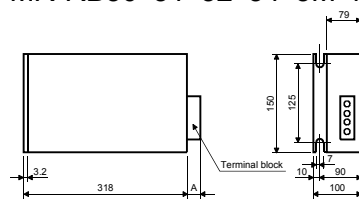
Regenerative Brake Option	Variable Dimensions						Mass [kg]
	A	B	C	D	E	F	
MR-RB032	30	15	99	20	1.6	0.5	
MR-RB12	40	15	149	20	1.6	1.1	
MR-RB14			149	20	2.0	1.1	
MR-RB1L-4			149	24	2.0	1.1	

MR-RB013 · 033 · 064 · 10



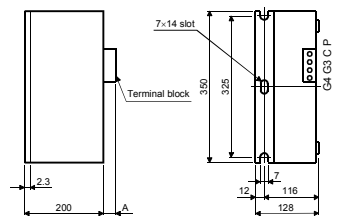
Regenerative Brake Option	Variable Dimensions									Mass [kg]
	A	B	C	D	E	F	G	H	J	
MR-RB013	110	101	85	18	35	16	4.5	18	3.2	0.1
MR-RB033	192	173	152	26	54	22	6	26	3.2	0.2
MR-RB064	306	287	266	26	54	22	6	26	4.3	0.4
MR-RB10	335	309	274	40	78	40	9.5	40	5.5	0.8

MR-RB30 · 31 · 32 · 34 · 3M-4 · 3H-4 · 3G-4 · 34-4



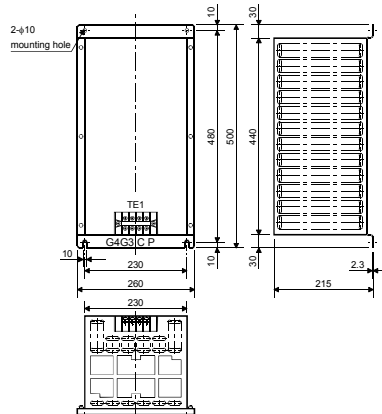
Regenerative Brake Option	Variable Dimensions A	Mass [kg]
MR-RB3M-4 MR-RB3H-4 MR-RB3G-4 MR-RB34-4	23	

MR-RB50 · 51 · 54 · 5H-4 · 5G-4 · 54-4



Regenerative Brake Option	Variable Dimensions A	Mass [kg]
MR-RB5H-4 MR-RB5G-4 MR-RB54-4	23	

MR-RB5E · 9P · 9F · 65 · 66 · 67 · 137 · 139 · 136-4 · 138-4 · 6B-4 · 60-4 · 6K-4



• MR-RB137 and 139 are provided with a fan. Connect a power supply of 200VAC 50/60Hz, 20W(50Hz)/18W(60Hz) or more to R and S terminals.

• MR-RB136-4 and 138-4 are provided with a fan. Connect a power supply of 400VAC 50/60Hz, 20W(50Hz)/18W(60Hz) or more to R400 and S400 terminals.

Regenerative Brake Option	Mass [kg]
MR-RB5E	10
MR-RB9P	11
MR-RB9F	11
MR-RB65	10
MR-RB66	11
MR-RB67	11
MR-RB137	11
MR-RB139	10
MR-RB136-4	10
MR-RB138-4	11
MR-RB6B-4	10
MR-RB60-4	11
MR-RB6K-4	11