

MITSUBISHI

미쓰비시 범용 AC 서보

가
MELSERVO
J3



미쓰비시전기주식회사 나고야제작소는 환경매니지먼트시스템 ISO14001 및 품질시스템 ISO 9001의 인증 취득 공장입니다.



MELSERVO-J3 라인-업

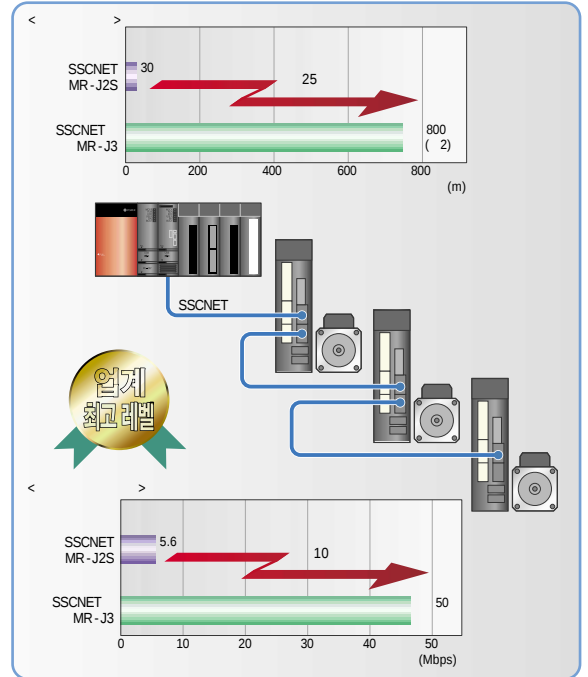
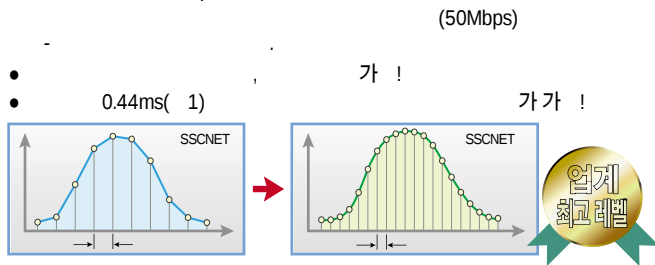
														S/W															
				DIO	SSC NET	RS- 422	CC- Link								H F · K P	H F · M P	H F · S P	H C · L P	H C · R P	H C · U P	H A · L P	L M · H 2	L M · U 2						
A	MR-J3-□A 														MR-J3-□A	AC 200V	0.05 ~37kW	●	●	●	●	●	●						
		● (6)	● (6)			●		●	●	●			●		MR-J3-□A1	AC 100V	0.05 ~0.4kW	●	●										
															MR-J3-□A4	AC 400V	0.6 ~55kW (1)			●			●						
B	SSCNET MR-J3-□B 														MR-J3-□B	AC 200V	0.05 ~37kW	●	●	●	●	●	●	●					
						●		●					●		MR-J3-□B1	AC 100V	0.05 ~0.4kW	●	●										
															MR-J3-□B4	AC 400V	0.6 ~55kW (1)			●			●						
	MR-J3-□B-RJ006 														MR-J3-□B-RJ006	AC 200V	0.05 ~22kW	●	●	●	●	●	●	●					
						●		●					●	●	MR-J3-□B1-RJ006	AC 100V	0.05 ~0.4kW	●	●										
															MR-J3-□B4-RJ006	AC 400V	0.6 ~22kW (1)			●			●						
	MR-J3-□B-RJ004 (3) 					●		●					●	●	MR-J3-□B-RJ004	AC 200V	60 ~960N							○ (3)	○ (3)				
T	CC-Link MR-J3-□T 														MR-J3-□T	AC 200V	0.05 ~22kW	●	●	●	●	●	●	●					
		● (4)		● (5)		●	●	●			●		●		MR-J3-□T1	AC 100V	0.05 ~0.4kW	●	●										
															MR-J3-□T4	AC 400V	0.6 ~22kW (1)			●			●						
) 1. 400V 3.5kW														4. (MR-HDP01)															
														5. IO (MR-J3-D01)															
														6. IO MR-J3-D01															
														, MR-J3-□A(1)/(4) -RJ040+															

		(r/min)	(kW)	(B)	(G1)	(G5, G7)	EN	UL cUL			
K	HF-KP	3000 (6000)	5 0.05, 0.1, 0.2, 0.4, 0.75	●	●	●	●	●	IP65 (4)		• • • • X-Y • •
	HF-MP	3000 (6000)	5 0.05, 0.1, 0.2, 0.4, 0.75	●	●	●	●	●	IP65 (4)		• •
S	HF-SP	1000 (1500)	6 0.5, 0.85, 1.2, 2.0, 3.0, 4.2	●	-	-	● (6)	● (6)	IP67 (4)	2	• • • X-Y
		2000 (3000)	14 0.5, 1.0, 1.5, 2.0, 3.5, 5.0, 7.0 0.5, 1.0, 1.5, 2.0, 3.5, 5.0, 7.0 (7)	●	●	●	● (6)	● (6)	IP67 (4)		• • X-Y
	HC-LP	2000 (3000)	5 0.5, 1.0, 1.5, 2.0, 3.0	●	-	-	●	●	IP65 (4)		• • •
	HC-RP	3000 (4500)	5 1.0, 1.5, 2.0, 3.5 5.0	●	-	●	●	●	IP65 (4)		•
U	HC-UP	2000 (3000:0.75~2kW) (2500:3.5, 5kW)	5 0.75, 1.5, 2.0, 3.5 5.0	●	-	-	●	●	IP65 (4)		• •
L	HA-LP	1000 (1200)	16 6.0, 8.0 12, 15, 20, 25, 30, 37 6.0, 8.0, 12, 15, 20, 25, 30, 37	● (6.0~ 12kW)	-	-	● (6)	● (6)	IP44 (4)	3 30kW (5)	• • • •
		1500 (2000)	14 7.0, 11, 15, 22, 30, 37 7.0, 11, 15, 22, 30, 37, 45, 50	● (7.0~ 15kW)	-	-	● (6)	● (6)	IP44 (4)		• • • •
		2000 (2000)	14 5.0, 7.0, 11, 15, 22, 30, 37 11, 15, 22, 30, 37, 45, 55	● (11~ 22kW)	-	-	● (6)	● (6)	IP44 HA-LP502/ 702 IP65 (4)		• • • •

1. 2. 3. 4. 5. 15~25kW () 가가 가 6. EN, UL, cUL 7. HF-SP2000r/min 400V 0.5kW~3.5kW

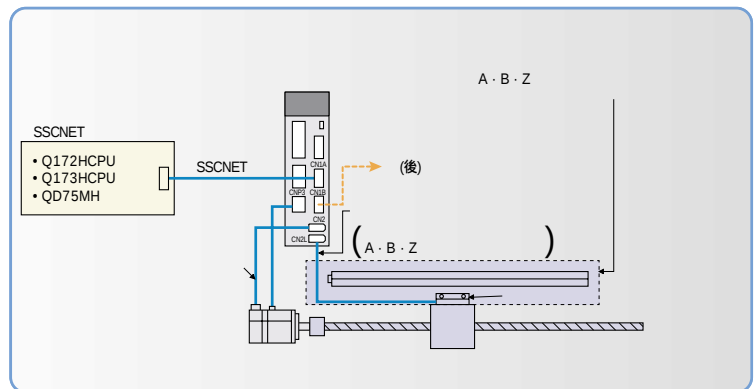
계속해서 진화하는 신세대 서보,

SSCNET () : B

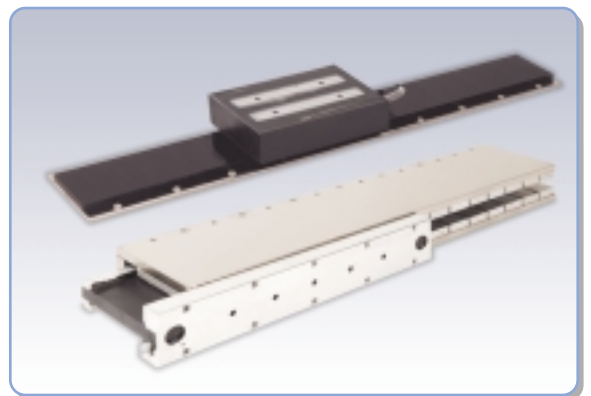


2. : $50\text{m} \times 16 = 800\text{m}$

$$- \quad : B$$



:B



MELSERVO-J3 등장!

CC-Link

: T

■

•



■ CC-Link

• CC-Link

•

CC-Link

• CC-Link

가

■

IO

MR-J3-D01

DI/O

• MR-J3-D01

가

DI

M

DO

(MR-J3-D01

CC-Link

)

■

MR-PRU03

•

• RS-422

32

가

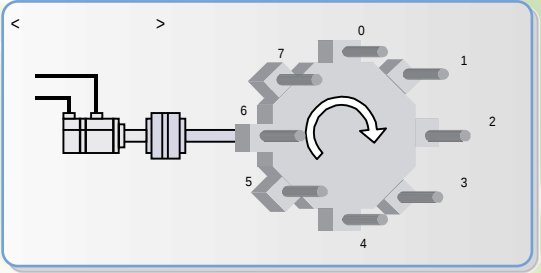
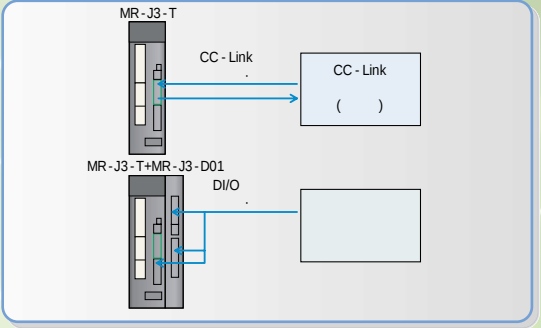
■

•

•

()

(255)



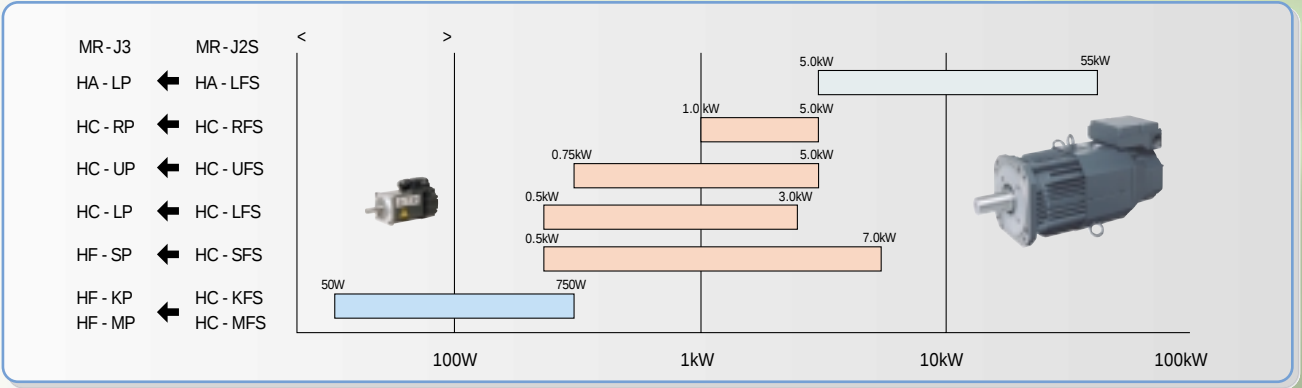
■

•

가

, 50W-55kW

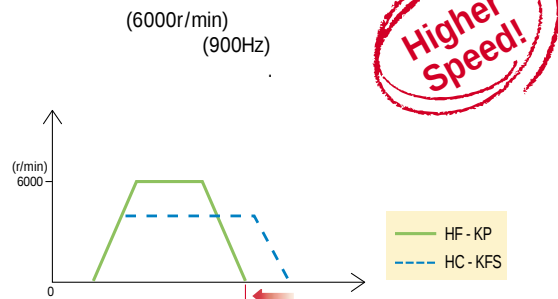
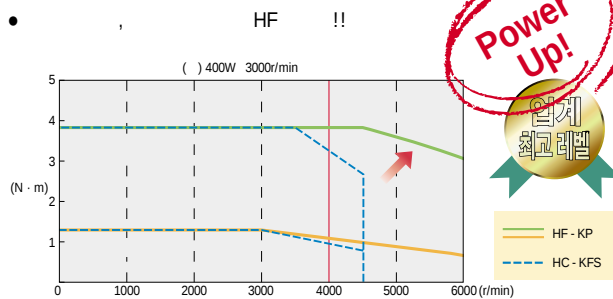
(MR-J2S)



■

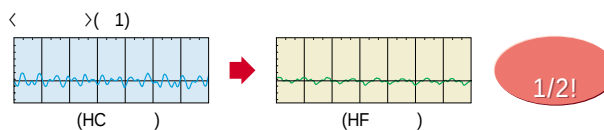
•

100 V, 200 V, 400 V



가 HF - MP, HF - KP : 6000r/min, HF - SP 2000r/min : 3000r/min !!

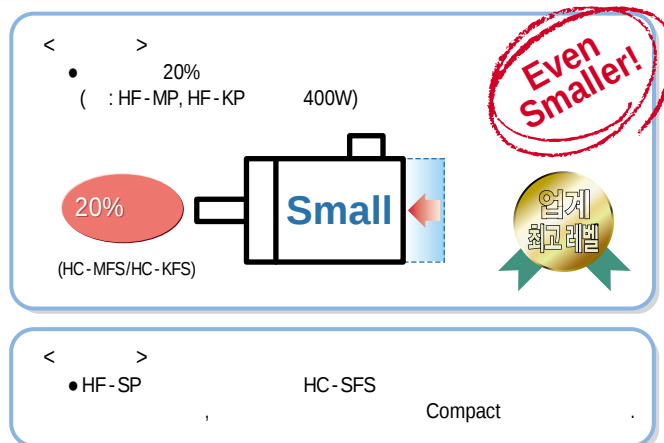
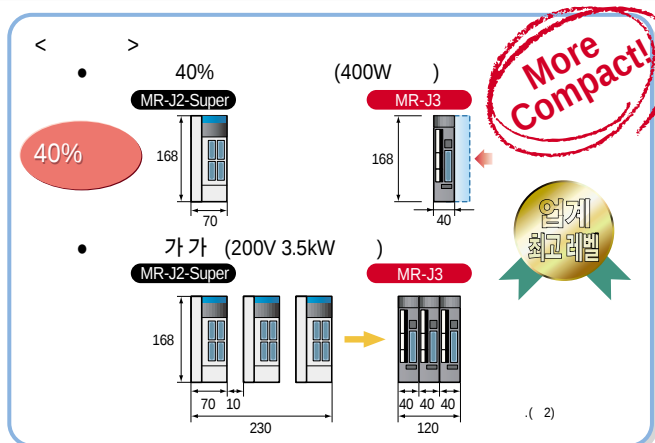
262144p/rev(18bit)



(MR - J3BAT)
가

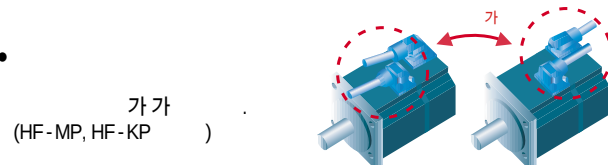


, Flexible

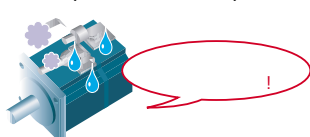


Flexible

가 가 (200V 3.5kW)



HF - KP, HF - MP, HC - LP, HC - RP, HC - UP
IP65() (3)
HF - SP IP67()



1. 750W
2.
3. IP65

IP65

EN, UL, cUL

MELSERVO - J3

(CCC : China Compulsory Certification)

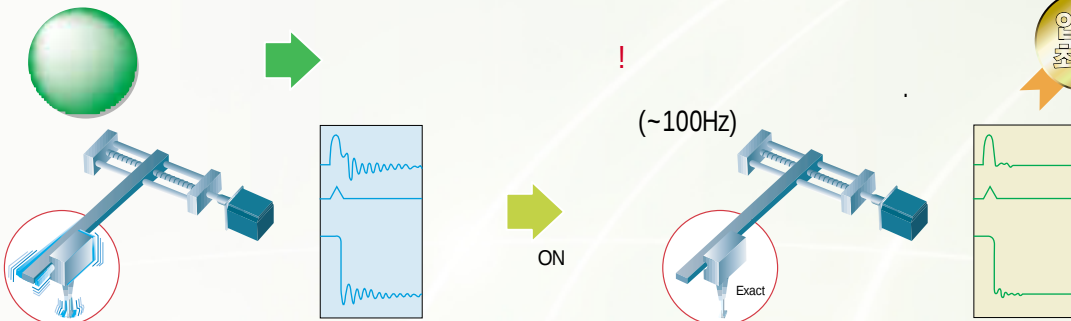




가 !

OK!!

엄게
최초!



(~100Hz)

ON

Exact

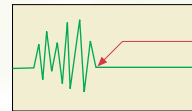
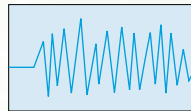
ON

Easier
to Use!!

()

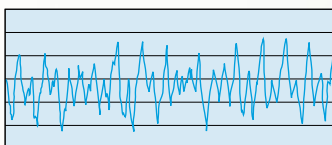
100Hz~2.25kHz(

~4.5kHz)

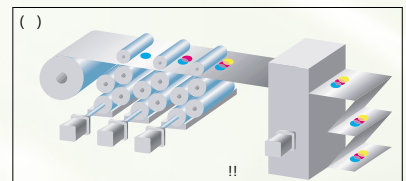
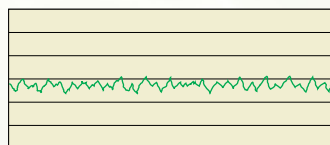


ON

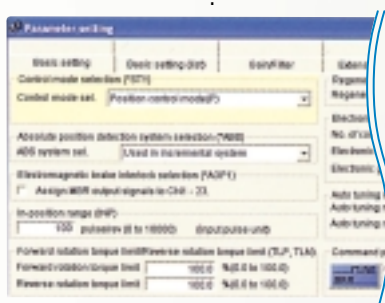
UP



ON



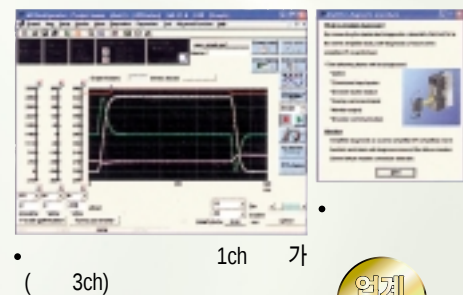
MR Configurator(-)



• USB

가 .

엄게
최초!



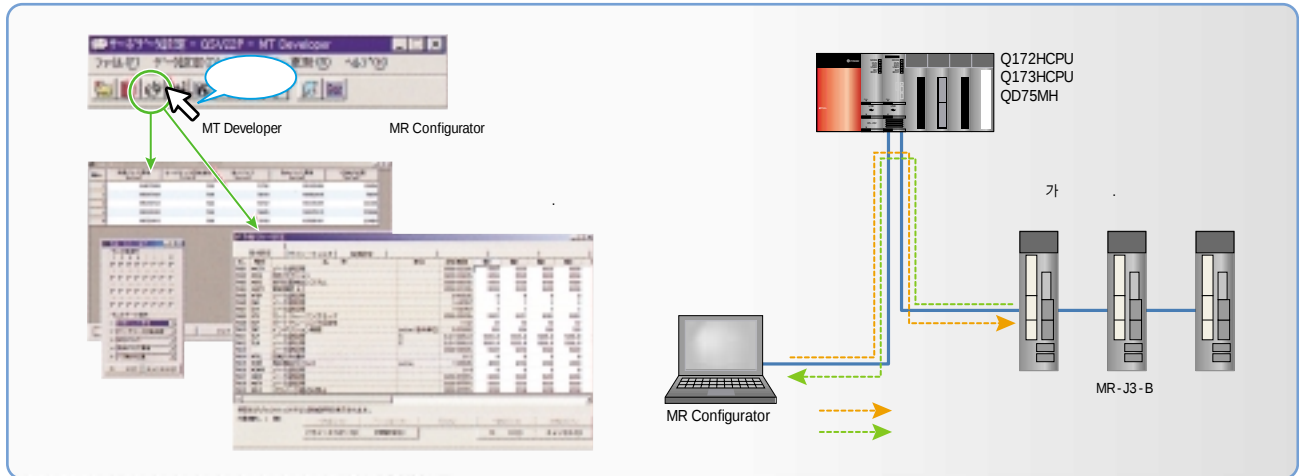
(3ch)

1ch

가

엄게
최초!

- MR - J3 - B (Q172HCPU/Q173HCPU/QD75MH) PC MR Configurator() 가 !



Contents

		1
		2
		3
		8
	/	9
		10
MR - J3 - A	100V · 200V	11
	400V	12
		14
MR - J3 - B	100V · 200V	16
	400V	17
		19
MR - J3 - B - RJ006		21
	100V · 200V	22
	400V	23
		24
MR - J3 - T		25
		26
		27
		28
	100V · 200V	29
	400V	30
		31
		32
IO (MR - J3 - D01)		33
(MR - PRU03)		34
MR - J3 - A		35
MR - J3 - B		38
MR - J3 - T		39
MR - J3 - D01		40
/		41
CN2		43
CN2L		45
HF - KP		46
HF - MP		47
HF - SP		48
HC - LP		51
HC - RP		52
HA - LP		53
HC - UP		59
		60
		61
		63

		65
MR - J3 - A		67
MR - J3 - B		72
MR - J3 - T		76
(,)		79
		82
		83
		87
		87
		87
		88
		88
		89
		89
		90
		90
		90
EMC		91
		92
		92
DC		93
AC		94
MR - Configurator(-)		95
()		97
MR - J3 - A		98
MR - J3 - B		103
MR - J3 - B - RJ006		107
MR - J3 - T		110
MR - J3 - DUA		101
MR - J3 - DUB		106
		102
		113
IO		113
HF - KP		114
HF - MP		114
HF - SP		118
HC - LP		123
HC - RP		124
HC - UP		127
HA - LP		128
		132
RoHS		146
		147
FA		148

- 100V/200V

MR-J3-10A1-

AC
MELSERVO-J3

A :
B : SSCNET
T : CC-Link

	AC200V	AC200V(1)
1	AC100V(2)	

) 1. AC200V MR-J3-70□
2. MR-J3-40□1

	HF-KP	HF-MP	HF-SP	HC-LP	HC-RP	HC-UP	HA-LP
10	053, 13	053, 13	-	-	-	-	-
20	23	23	-	-	-	-	-
40	43	43	-	-	-	-	-
60	-	-	51, 52	52	-	-	-
70	73	73	-	-	-	72	-
100	-	-	81, 102	102	-	-	-
200	-	-	121, 201, 152, 202	152	103, 153	152	-
350	-	-	301, 352	202	203	202	-
500	-	-	421, 502	302	353, 503	352, 502	502
700	-	-	702	-	-	-	601, 701M, 702
11K	-	-	-	-	-	-	801, 12K1, 11K1M, 11K2
15K	-	-	-	-	-	-	15K1, 15K1M, 15K2
22K	-	-	-	-	-	-	20K1, 25K1, 22K1M, 22K2

) ()

- 400V

MR-J3-11KA4-

AC
MELSERVO-J3

	HF-SP(1)	HA-LP
60(1)	524	-
100(1)	1024	-
200(1)	1524, 2024	-
350(1)	3524	-
500	5024	-
700	7024	6014, 701M4
11K	-	8014, 12K14, 11K1M4, 11K24
15K	-	15K14, 15K1M4, 15K24
22K	-	20K14, 22K1M4, 22K24

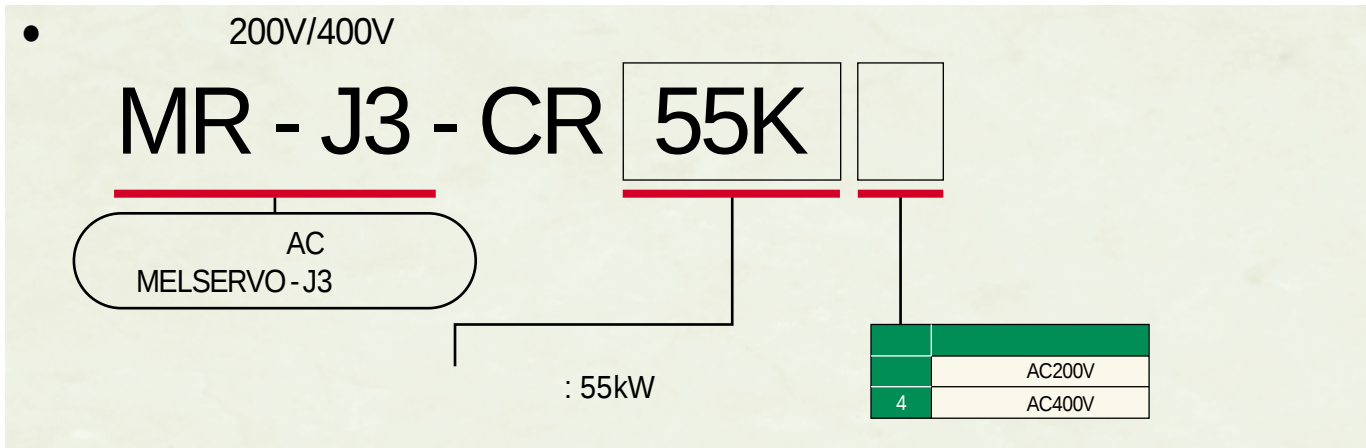
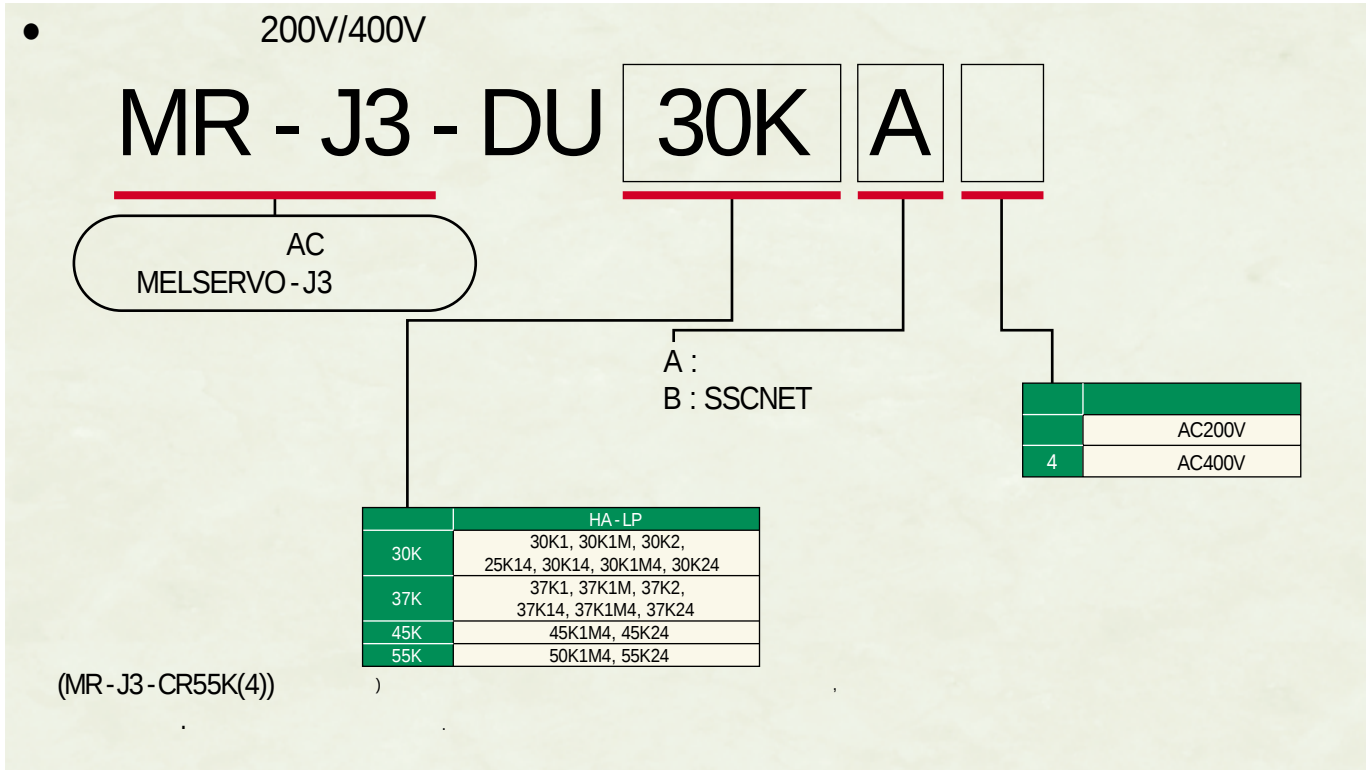
) 1. MR-J3-60□4-MR-J3-350□4 HF-SP524-HF-SP3524
2.

A :
B : SSCNET
T : CC-Link

AC400V

MELSERVO-J3

/



EN, UL, cUL .(2007.1)

• 200V

HF-KP

05

3

B

HF-KP	
HF-MP	
HF-SP	
HC-LP	
HC-RP	
HC-UP	
HA-LP	

J	(1)
	(2, 3, 4)

) 1. HC-LP, HC-RP, HC-UP, HA-LP

2.

3.

4.

MP

7F

4. HF-KP, HF-MP

0.1kW

G1	()
G1H	() (1)
G5	
G7	

) 1. HF-SP2000r/min

2.

3.

(G2)

HC-□FS

	(kW)
05	0.05
1~8	0.1~0.85
10~80	1.0~8.0
11K~37K	11~37

	(r/min)
1	1000
1M	1500
2	2000
3	3000

B	
---	--

K	()
D	D Cut()

• 400V

HF-SP

5

2

4

B

HF-SP	
HA-LP	

400V

	(kW)
5	0.5
10~80	1.0~8.0
11K~55K	11~55

	(r/min)
1	1000
1M	1500
2	2000()

) HF-SP2000r/min 0.5 kW~3.5 kW

	(1)
G1	()
G1H	()
G5	
G7	

) 1. HF-SP2000r/min

2.

3.

(G2)

HC-□FS

B	
---	--

K	()
	()

$$\left(\begin{array}{c} \text{ } \\ \text{ } \\ \text{ } \end{array} \right)$$

(1)

- 가



A

●

1. 가
2. 가 (MEAK)
3. 가
4. 가
5. (MR-J3-□KA-PX)
6. () (1.0m³/min, □92×2) No.PA02
7. 300mA 가 「MR-J3-□A」
8. MR-J3-700A (MR-J3-□A-ED MR-J3-□A1-ED) 가
9. MR-J3-350A 가 0~45 75%
10. AC200~240V (MR-J3-□A-U004) 가
11. 4Mpps (MR-J3-□A-KE) 가
12. MR-J3-□A(1)-RJ040+ IO MR-J3-D01



MR-J3-A()

- 30kW , 200V
-

			MR-J3-DU30KA	MR-J3-DU37KA
			MR-J3-CR55K	
	(1)			
			AC200~230V/50, 60Hz	
			AC170~253V	
			± 5%	
	(W)		45	
			DC24V ± 10%(: 300mA(3))	
			PWM	
			0~55 (), : -20~65 ()	
			90%RH (가), : 90%RH (가)	
			(), 가 . 가 . 가	
			1000m	
			5.9 m ³	
	(kg)		26	

			MR-J3-CR55K	
			MR-J3-DU30KA	MR-J3-DU37KA
	(1, 2)		AC200~230V/50, 60Hz	
			AC170~253V	
			± 5%	
			AC200~230V/50, 60Hz	
			AC170~253V	
			± 5%	
	(W)		45	
			DC24V ± 10%(: 130mA(3))	
			, , (), ,	
			(IP00)	
			0~55 (), : -20~65 ()	
			90%RH (가), : 90%RH (가)	
			(), 가 . 가 . 가	
			1000m	
			5.9 m ³	
	(kg)		25	

-) 1. 가
 2. 「MR-J3-□A」
 3. 300mA, 130mA



●

1. 가
2. 가
3. (MEAK)
4. B2
5. (MR-J3-□KA-PX)
6. (1.0m²/min, □92×2) No.PA02
7. 300mA 가 MR-J3-□A
8. MR-J3-700A4 (MR-J3-□A4-ED) 가
9. 가
10. 5kW, 7kW 2000r/min 5
11. 11kW~22kW MR-J3-□A4-RJ040 + IO MR-J3-D01



MR-J3-A()

- 30kW , 400V
-

			MR-J3-DU30KA4	MR-J3-DU37KA4	MR-J3-DU45KA4	MR-J3-DU55KA4
			MR-J3-CR55K4			
		(1)				
			AC380~480V/50, 60Hz			
			AC323~528V			
			± 5%			
		(W)	45			
			DC24V± 10%(: 300mA(3))			
			PWM			
			, (), , ,			
			, , (IP00)			
			0~55 (), : -20~65 ()			
			90%RH (가), : 90%RH (가)			
			(), 가 . 가 . 가			
			1000m			
			5.9m ³			
	(kg)		18		26	

			MR - J3 - CR55K4			
			MR - J3 - DU30KA4	MR - J3 - DU37KA4	MR - J3 - DU45KA4	MR - J3 - DU55KA4
		(1, 2)	AC380~480V/50, 60Hz			
			AC323~528V			
			± 5%			
			AC380~480V/50, 60Hz			
			AC323~528V			
			± 5%			
		(W)	45			
			DC24V ± 10%(: 130mA(3))			
			, , (), ,			
			, (IP00)			
			0~55 (), : - 20~65 ()			
			90%RH (가), : 90%RH (가)			
			(), 가 . 가 . 가			
			1000m			
			5.9 m ³			
	(kg)		25			

-) 1. 가
 2. 「MR-J3-□A」
 3. 300mA, 130mA

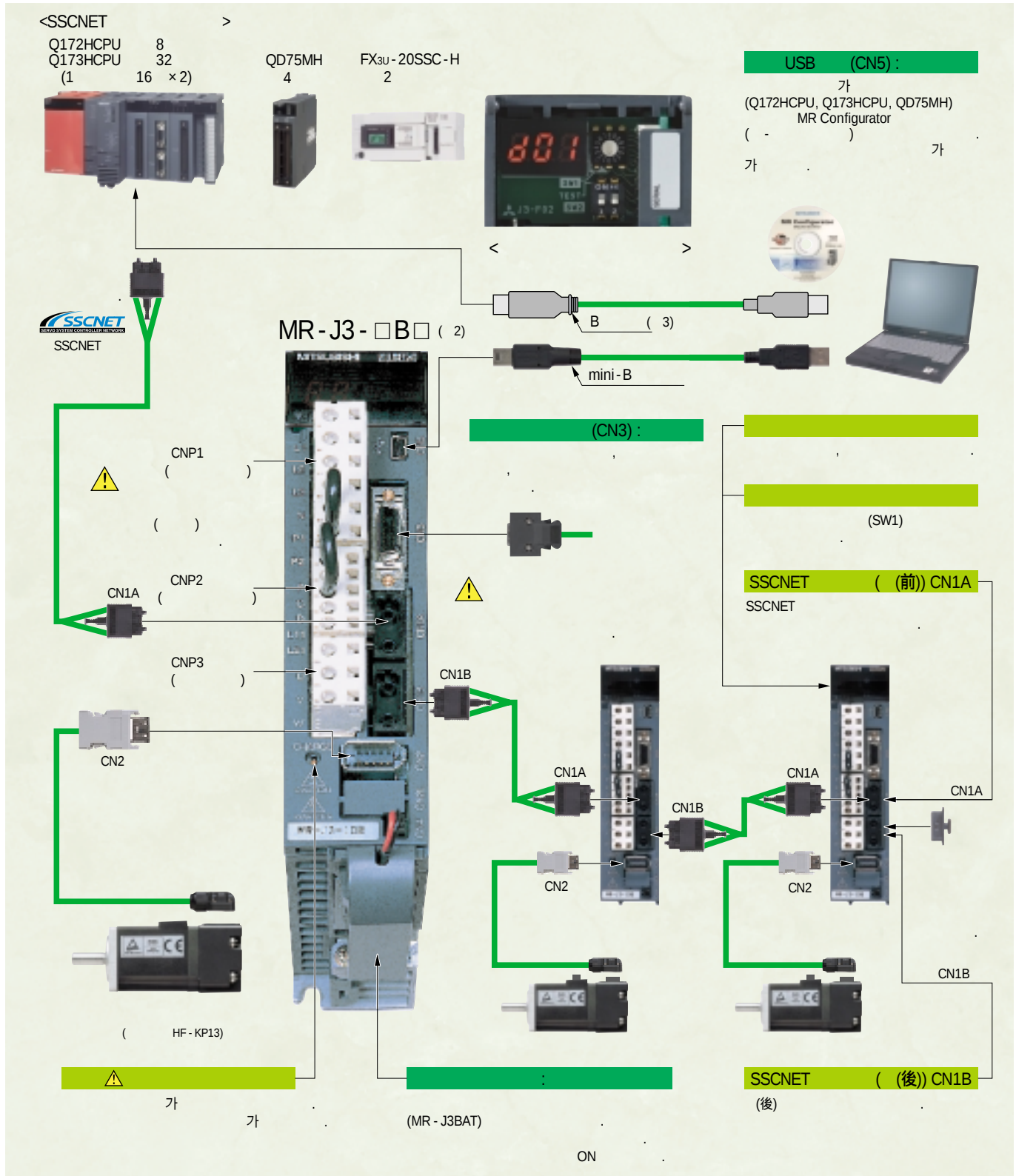
MR-J3-B

(1)

MR-J3-B

MR-J3-B

SSCNET



1. CNP1, CNP2, CNP3
2. MR-J3-350B
3. --

MR-J3-B

Q



MR-J3-B (SSCNET)

100V/200V

MR-J3-			10B	20B	40B	60B	70B	100B	200B	350B	500B	700B	11KB	15KB	22KB	10B1	20B1	40B1
		(1, 2)	AC200~230V/50, 60Hz AC200~230V/50, 60Hz (10)					AC200~230V/50, 60Hz							AC100~120V/ 50, 60Hz			
			AC200~230V : AC170~253V AC200~230V : AC170~253V					AC170~253V							AC85~132V			
			± 5%															
			AC200~230V/50, 60Hz											AC100~120V/50, 60Hz				
			AC170~253V											AC85~132V				
			± 5%															
		(W)	30							45					30			
			DC24V ± 10%(: 150mA(7))															
(W) (3, 4)		-	10	10	10	20	20	100	100	130	170	-	-	-	-	10	10	
	(5, 6)	-	-	-	-	-	-	-	-	-	-	-	500 (800)	850 (1300)	850 (1300)	-	-	-
			PWM															
			(8)											(8)				
			, , (), , , , ,															
			(IP00)					(IP00)							(IP00)			
	(9)	0~55 (), : -20~65 ()																
		90%RH (가), : 90%RH (가)																
		(), 가 . 가 . 가																
		1000m																
		5.9 m/s																
(kg)			0.8	0.8	1.0	1.0	1.4	1.4	2.3	2.3	4.6	6.2	18	18	19	0.8	0.8	1.0

1. 가
2. 가
3. 가
4. 가
5. (MR-J3-□KB-PX)
6. () (1.0m³/min, □92×2) No.PA02
7. 150mA
8. MR-J3-700B (MR-J3-□B-ED MR-J3-□B1-ED) 가
9. MR-J3-350B 0~45 75%
10. AC200~240V (MR-J3-□B-U004) 가



B

30kW , 200V

			MR - J3 - DU30KB	MR - J3 - DU37KB
			MR - J3 - CR55K	
	(1)			
			AC200~230V/50, 60Hz	
			AC170~253V	
			± 5%	
		(W)	45	
			DC24V ± 10%(: 150mA(3))	
			PWM	
			(), ,	
			(IP00)	
			0~55 (), : -20~65 ()	
			90%RH (가), : 90%RH (가)	
			(), 가 . 가 . 가	
			1000m	
			5.9m ³	
	(kg)		26	

			MR - J3 - CR55K	
			MR - J3 - DU30KB	MR - J3 - DU37KB
	(1, 2)		AC200~230V/50, 60Hz	
			AC170~253V	
			± 5%	
			AC200~230V/50, 60Hz	
			AC170~253V	
			± 5%	
		(W)	45	
			DC24V ± 10%(: 130mA(3))	
			(), ,	
			(IP00)	
			0~55 (), : -20~65 ()	
			90%RH (가), : 90%RH (가)	
			(), 가 . 가 . 가	
			1000m	
			5.9m ³	
	(kg)		25	

1.
2.
3.

가

MR - J3 - □B

150mA,

130mA

- 400V

1. 가
2. 가
3. (MEAK)
MR - J3 - 60B4~700B4 B2
4. 가
5. (MR - J3 - □KB4 - PX)
6. () (1.0m³/min, □92×2) No.PA02
7. 150mA 가 MR - J3 - □B
8. MR - J3 - 700B4 (MR - J3 - □B4 - ED)
9. 가
10. 5kW, 7kW 2000r/min 5



30kW , 400V

B

			MR - J3 - DU30KB4	MR - J3 - DU37KB4	MR - J3 - DU45KB4	MR - J3 - DU55KB4
			MR - J3 - CR55K4			
		(1)				
			AC380~480V/50, 60Hz			
			AC323~528V			
			± 5%			
		(W)	45			
			DC24V ± 10%(: 150mA(3))			
			PWM			
			, (), , , , ,			
			, (IP00)			
			0~55 (), : -20~65 ()			
			90%RH (가), : 90%RH (가)			
			(), 가 . 가 . . 가			
			1000m			
			5.9 m³			
	(kg)		18			26

			MR - J3 - CR55K4			
			MR - J3 - DU30KB4	MR - J3 - DU37KB4	MR - J3 - DU45KB4	MR - J3 - DU55KB4
		(1, 2)	AC380~480V/50, 60Hz			
			AC323~528V			
			± 5%			
			AC380~480V/50, 60Hz			
			AC323~528V			
			± 5%			
		(W)	45			
			DC24V ± 10%(: 130mA(3))			
			, , (), ,			
			, (IP00)			
			0~55 (), : -20~65 ()			
			90%RH (가), : 90%RH (가)			
			(), 가 . 가 . 가			
			1000m			
			5.9 m ³			
	(kg)		25			

- 1.
- 2.
- 3.

가

MR - J3 - □B

150mA,

130mA

MELSERVO-J3

/ (-)

MELSERVO-J3

가

MR-J2S

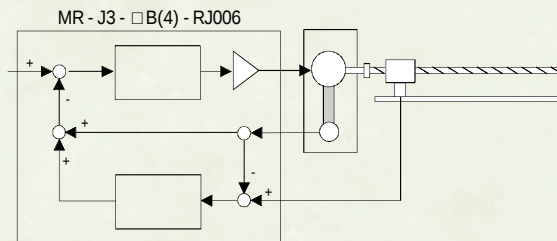
가

MR-J3-B-RJ006



- 가가 .
- 가가 .
- MELSERVO-J3 ()
- 가 . ABS

< >

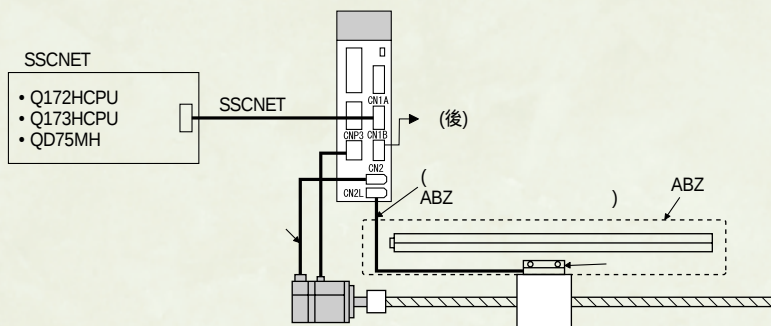


MR-J3-B-RJ006

CN2L()

ABZ

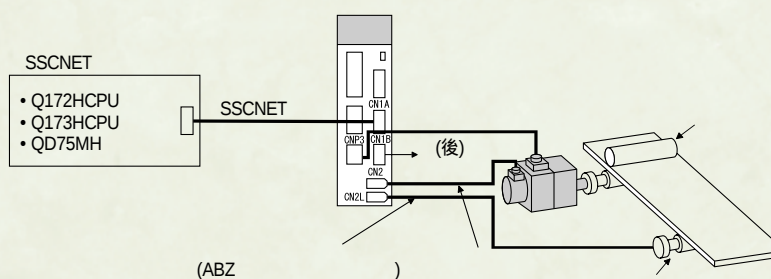
(3)



1. ABS
2. 가
- 3.

P.45 「 .4096(2¹²) 1 (MR-J3BAT) 67108864 (2²⁰)

ABZ



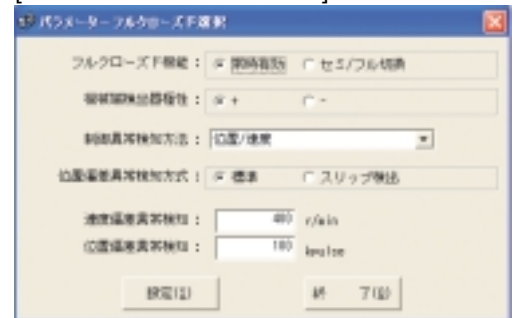
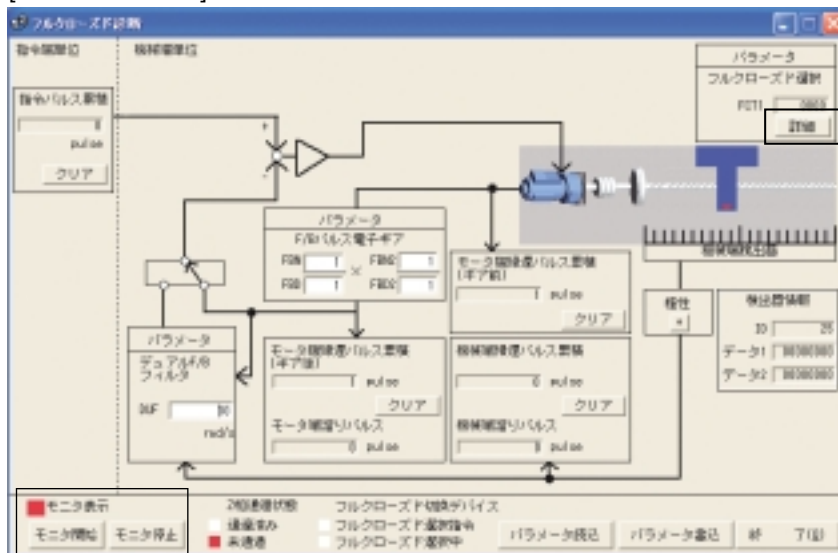
- 1.
2. 가

.4096(2¹²) 1 67108864 (2²⁰)

MELSERVO-J3

MR Configurator(-) -

/ 가



B

- [-]

	「 」 0 .
(前))	「 」 0 . .()
(後))	「 」 0 . .()
	「 」 0 .
	「+」,「-」
Z	- 「 」 , Z - 「 」 「 - / - 」 , Z
-	- 「 - / - 」
	「 」 , 「 」 ,

- [-]

[-]

	- " / " . No.PA01 -
	" + ", " - " .
	- .
	- .
	- .
	- .

- 100V/200V

1. 가
2. 가
3. 가
4. 가
5. (MR - J3 - □KB - RZ006)
6. () (1.0m²/min, □92 × 2) No.PA02
7. 150mA 가 「MR - J3 - □B - RJ006」
8. MR - J3 - 700B4 (MR - J3 - □B - RU006 MR - J3 - □B1 - RU006) 가
9. MR - J3 - 350B - RJ006 가 0~45 75%
10. AC200~240V (MR - J3 - □B - RJ006U004) 가 가



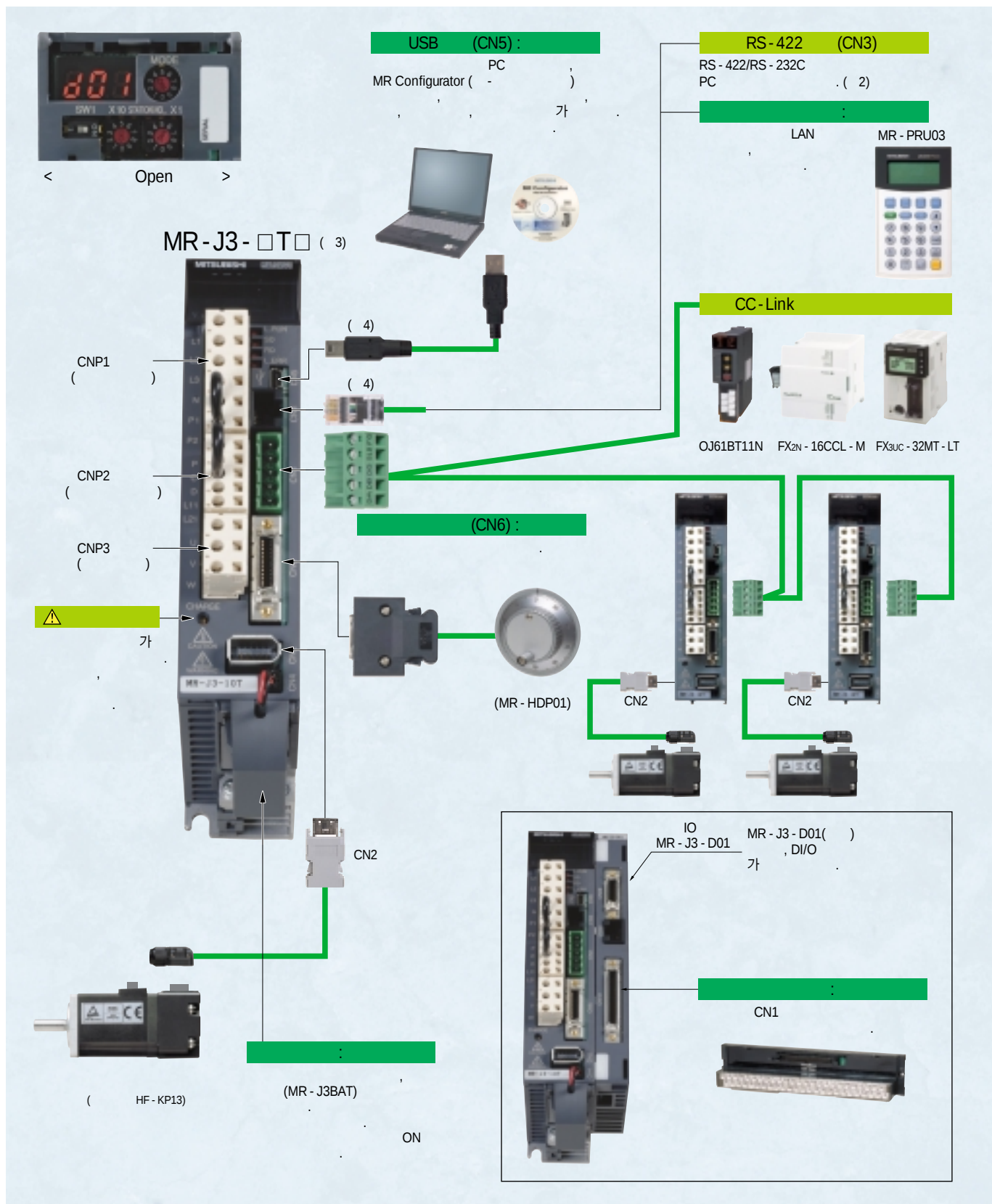
●

1. 가
2. 가
3. 가
4. 가
5. (MR - J3 - □KB4 - RZ006)
6. () (1.0m³/min, □92×2) No.PA02
7. 150mA 가 「MR - J3 - □B - RJ006」
8. MR - J3 - 700B4 - RJ006 (MR - J3 - □B - RU006 MR - J3 - □B1 - RU006) 가
9. 가
10. 5kW, 7kW 2000r/min 5

MR-J3-T

(1)

MR-J3-T



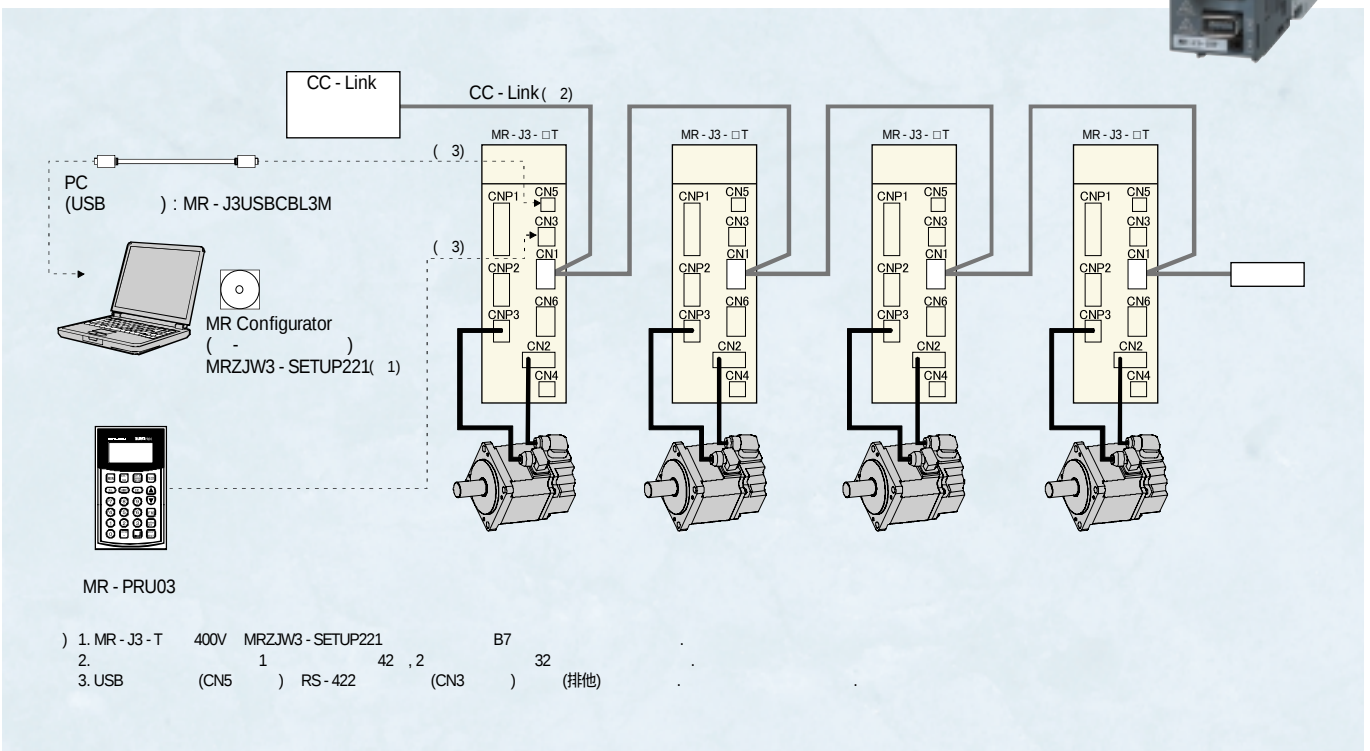
1. CNP1, CNP2, CNP3
 2. RS-422/RS-232C
 3. MR-J3-350T
 4. USB (CN5) RS-422 (CN3) (排他)
- MR-J3-T
 PC
 MR Configurator()

(), 가 ,AC

MR Configurator(-)

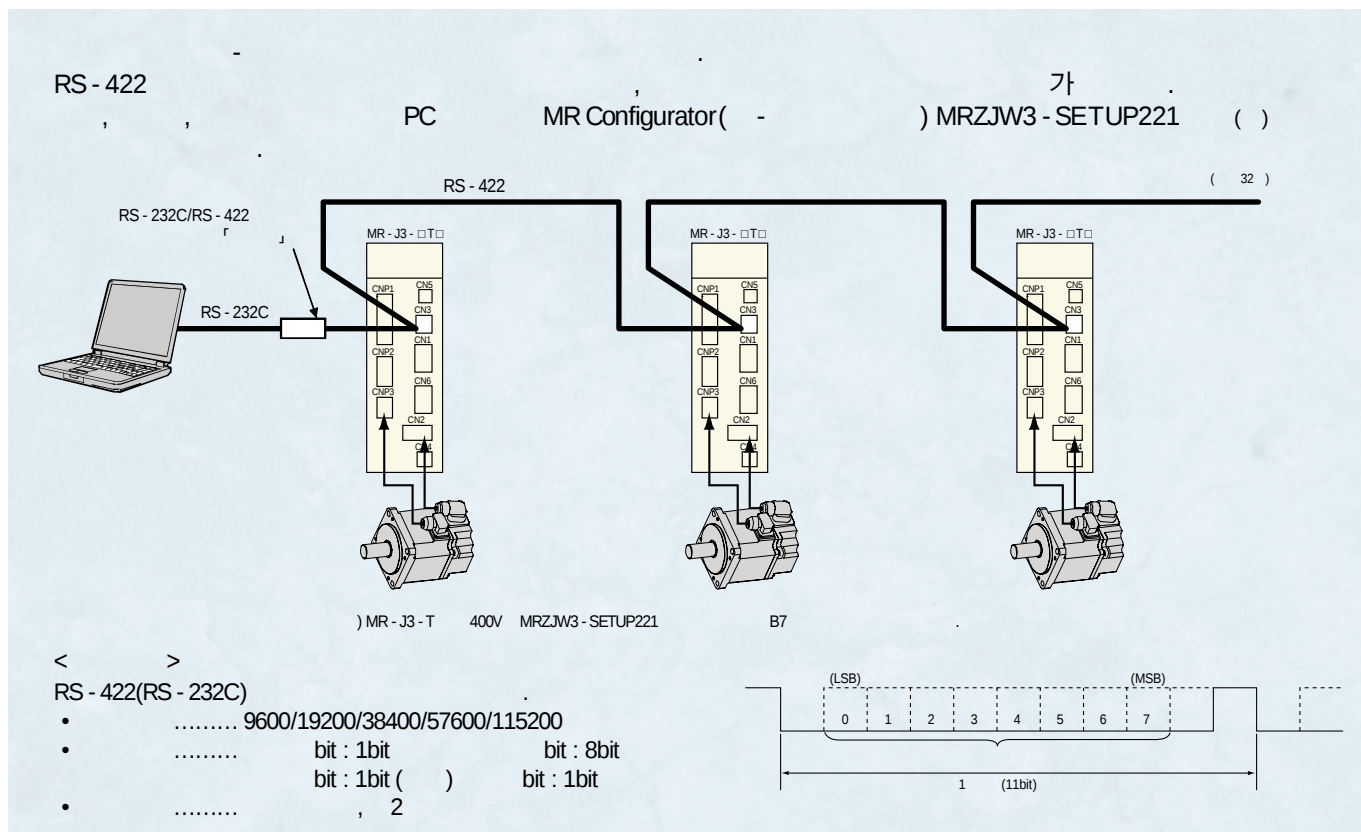
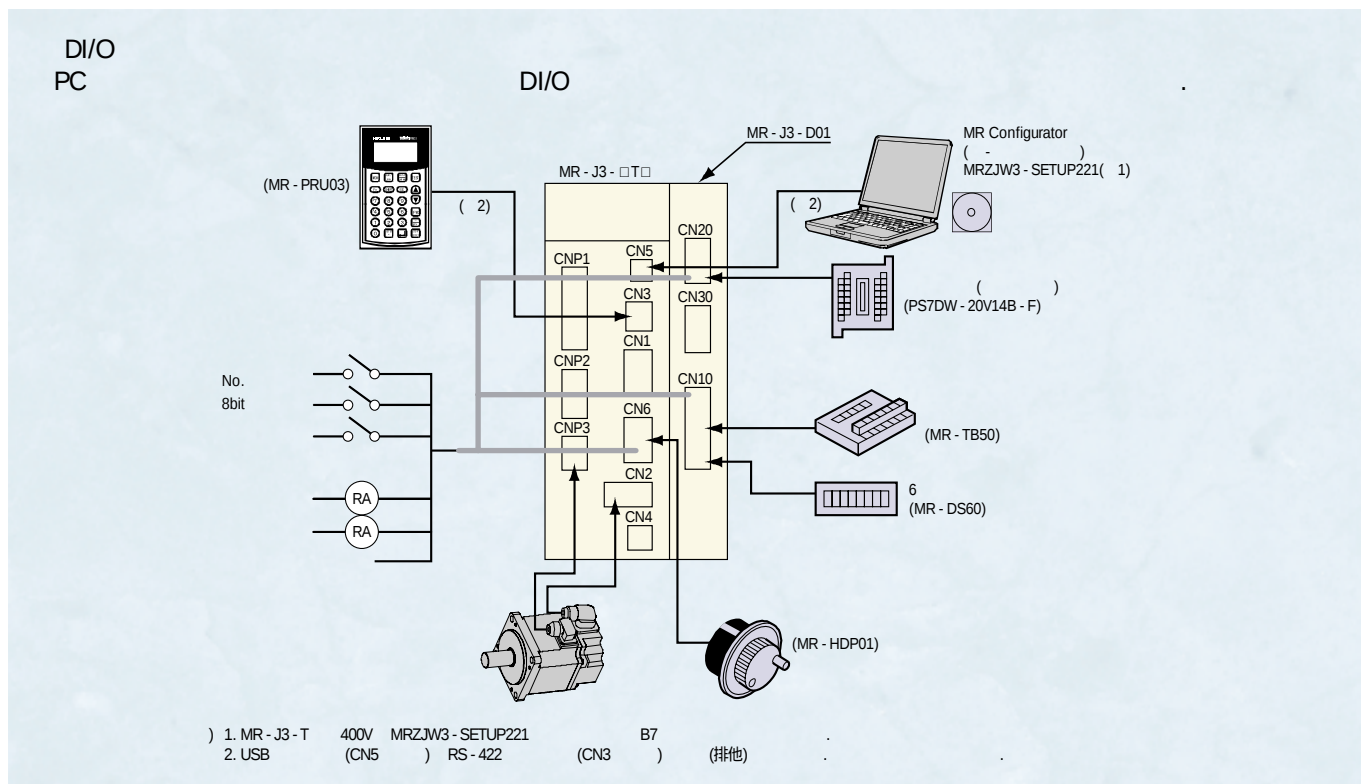
MR-J3-T(CC-Link)

- CC-Link 가 (CC-Link : Ver.1.10)
- AC
- MR-PRU03() 가



MR-J3-T+MR-J3-D01(DI/O)

- IO MR-J3-D01() , DI/O 가 .
- (: 34 , : 19)
- 255 가 .

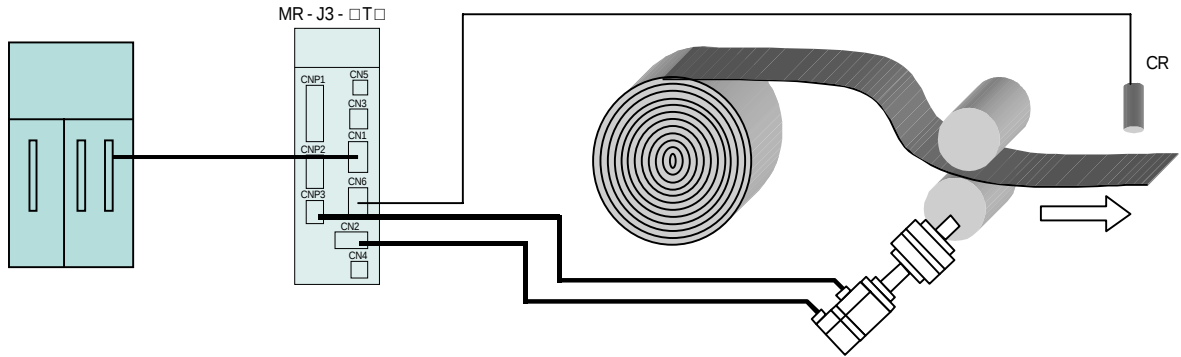


MELSERVO-J3

MR-J3-T

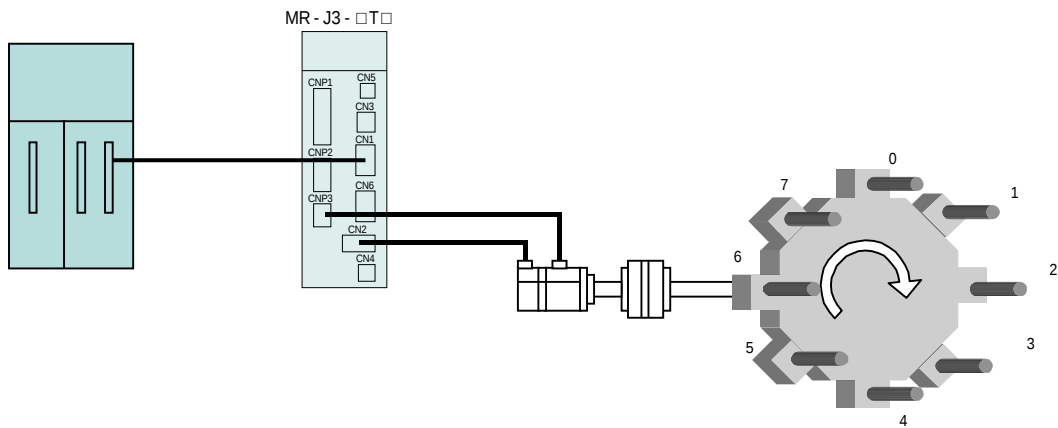
●

() , (override)가 가



●

() (255) , / , 가



MELSERVO-J3

MR-J3-T

2가 가

()	
No.	No.

< >...

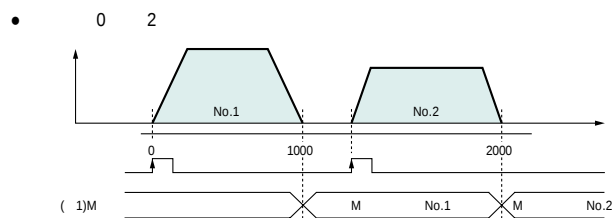
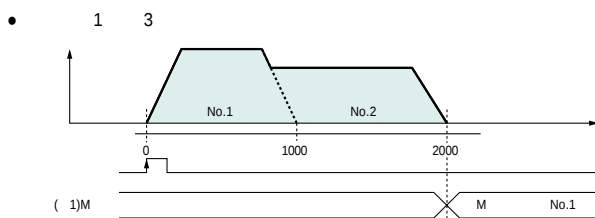
2가

(1) : () ()

	-999999 ~999999	$\times 10^{\text{STM}} \mu\text{m}$	• •
	0~	r/min	•
가	0~20000	ms	가 (2)
	0~20000	ms	(2)
	0~20000	ms	
	0~3	-	0 : () 1 : 2 : () 3 :
M	0~99	-	

No.	가					M
1	1000	2000	200	200	0	1
2	2000	1600	100	100	0	0
255	3000	3000	100	100	0	2

No.1 1 3
r • 1 3
No.1 0 2
r • 0 2 가

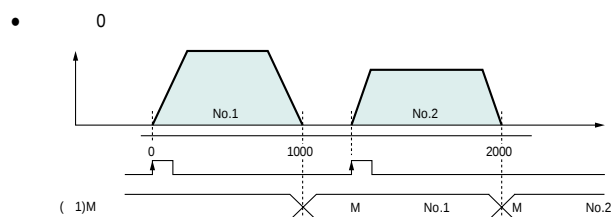
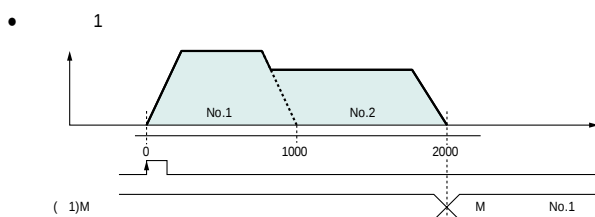


(2) :

	0~999999	$\times 10^{\text{STM}} \mu\text{m}$	
	0~	r/min	
가	0~20000	ms	가 (2)
	0~20000	ms	(2)
	0~20000	ms	
	0, 1	-	0 : () 1 :
M	0~99	-	

No.	가					M
1	1000	2000	200	200	0	1
2	1000	1600	100	100	0	0
255	500	3000	100	100	0	0

No.1 1
r • 1
No.1 0
r • 0 가



1. M IO MR-J3-D01() M MR-J3-D01
2. S 가

T

●

T

- 30

● 400V

1. 가
2. 가
3. (MEAK)
4. MR-J3-T B2
5. (MR-J3-□KT4-PX)
6. (1.0m³/min, □92×2) No.PA02
7. 150mA 가 MR-J3-□T
8. MR-J3-700T4 (MR-J3-□T4-ED) 가
9. 가
10. 5kW, 7kW 2000r/min 5



● MR-J3-T ()

				CC - Link (Ver.1.10), DI/O (IO MR - J3 - D01), RS - 422
				CC - Link (2) 가 : ±1[μm]~±999.999[mm]
				No. CC - Link , DI/O , RS - 422 가 CC - Link (1) : 31 CC - Link (2) : 255 DI/O : 255 (IO MR - J3 - D01) RS - 422 : 255 : ±1[μm]~±999.999[mm]
				No. , (2~255) , (2~255) 가 , (CR) 가
				JOG , , CC - Link RS - 422 (JOG) .
				: ×1, ×10, ×100
				CC - Link , DI/O , RS - 422 가 CC - Link (1) : 31 CC - Link (2) : 255 DI/O : 255 (IO MR - J3 - D01) RS - 422 : 255
				CC - Link (2) 가 ()
				No. , 가 /
				가
				가
				(ST1) ON , , 가 가 가 (ST1) OFF , , CC - Link RS - 422 (JOG) .
				Z 가 , 가 , 가
				가 , 가 , 가
				가 , 가 , 가
				() (SON) ON 가
				가 , 가 , 가
				가 , 가 , 가
				가 , Z 가 , 가
				Z 가 , 가
				가 , , 가 , 가
				Z 가 , Z 가 , 가
				Z 가 , Z 가 , 가
				Z 가 , 가 , 가
				가 , 가 , 가

IO (MR-J3-D01)

IO		MR-J3-D01	
		DC24V ± 10% (: 800mA (1, 2))	
		30 - /	
		16 - /	
		2ch DC0 ~ ± 10V (10~12kΩ)	
		2ch DC0 ~ ± 12V	
		가 (5)	
		P15R : DC +15V : 30mA	
		N12R : DC -12V : 30mA	
		, (IP00)	
		0~55 (), : -20~65 ()	
		90%RH (가), : 90%RH (가)	
		(), 가 . 가 . 가	
		1000m	
		5.9 mS	
(g)		140	

<MR-J3-□T

>

		No. 1~8(DI0~7), (SON), (RES), (TL), (TL1), 1, 2(TP0, TP1), (OVR), / (MD0), / (TSTP), (PC), (ST1), (ST2), 1~12(POS00~03, 10~13, 20~23), + (POSP), (CR), - (POSN), (STRB), 1~3(SPO~2), (CDP) (3)	
		(ACD0~3), M (MCD00~03, MCD10~13), (PUS), (MEND), (CPO), (INP), 1~2(PRQ1~2), (ZSP), (TLC), (WNG), (MBR), 가 (DB), (BWNG), (POT), (CDPS), (SA), No. 1~8(PT0~7) (3)	
		(VC)(DC - 10 ~ +10V/0~200%), (TLA)(DC0 ~ ± 10V/)	
		(MO1~2) (4)	

<MR-J3-□A-RJ40

>

		BCD 5 , 16bit 가 .	
		(TLAP : DC 0 ~ +10V/) (TLAN : DC 0 ~ -10V/)	
		BCD 5 , 12 bit (16 bit) 가 .	
		(TLAP : DC 0 ~ +10V/) (TLAN : DC 0 ~ -10V/)	
		BCD 5 , 12bit (16bit) 가 .	
		(OTC) (DC0 ~ ± 8V/)	

1. 800mA 가 . 「MR-J3-□T MR-J3-D01」
2. DC24V , 1 DC24V MR-J3-D01 가 .
3. 「MR-J3-T MR-J3-D01」
4. 가 「MR-J3-T MR-J3-D01」
5. P15R TLA・VC N12R VC -12~-15V 가 .

MELSERVO-J3

MR-PRU03

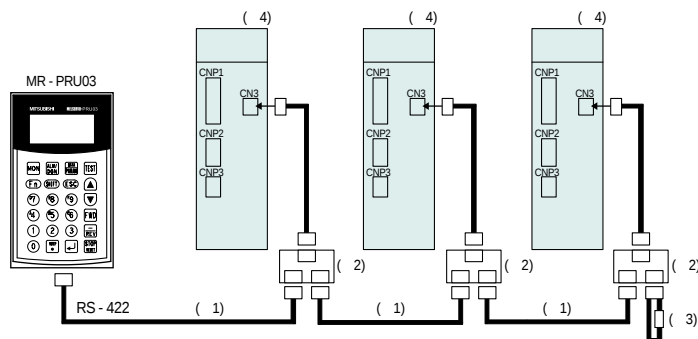
16 ×4 , () , MR Configurator

MR-J3-A, T 가



- RS-422

- LAN 1 1 가
- - 32 가



1. 10BASE-T (EIA568)
 2. BMJ-8(()/光)
 3. 150Ω
 4. MR-J3-A ,T MR-J3-DU□KA
 7.

(MR - PRU03)

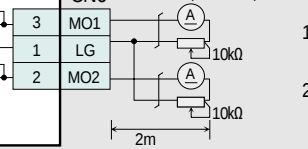
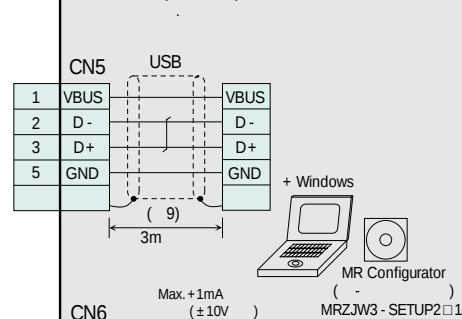
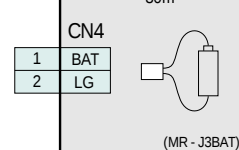
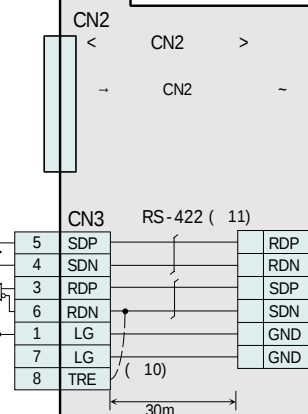
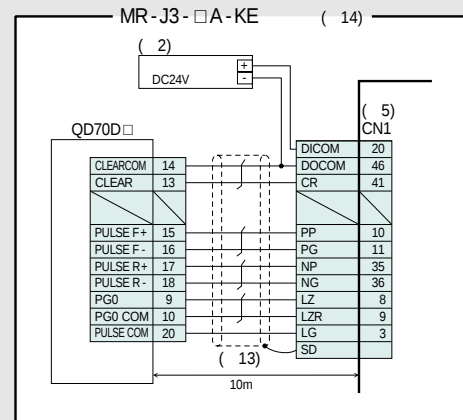
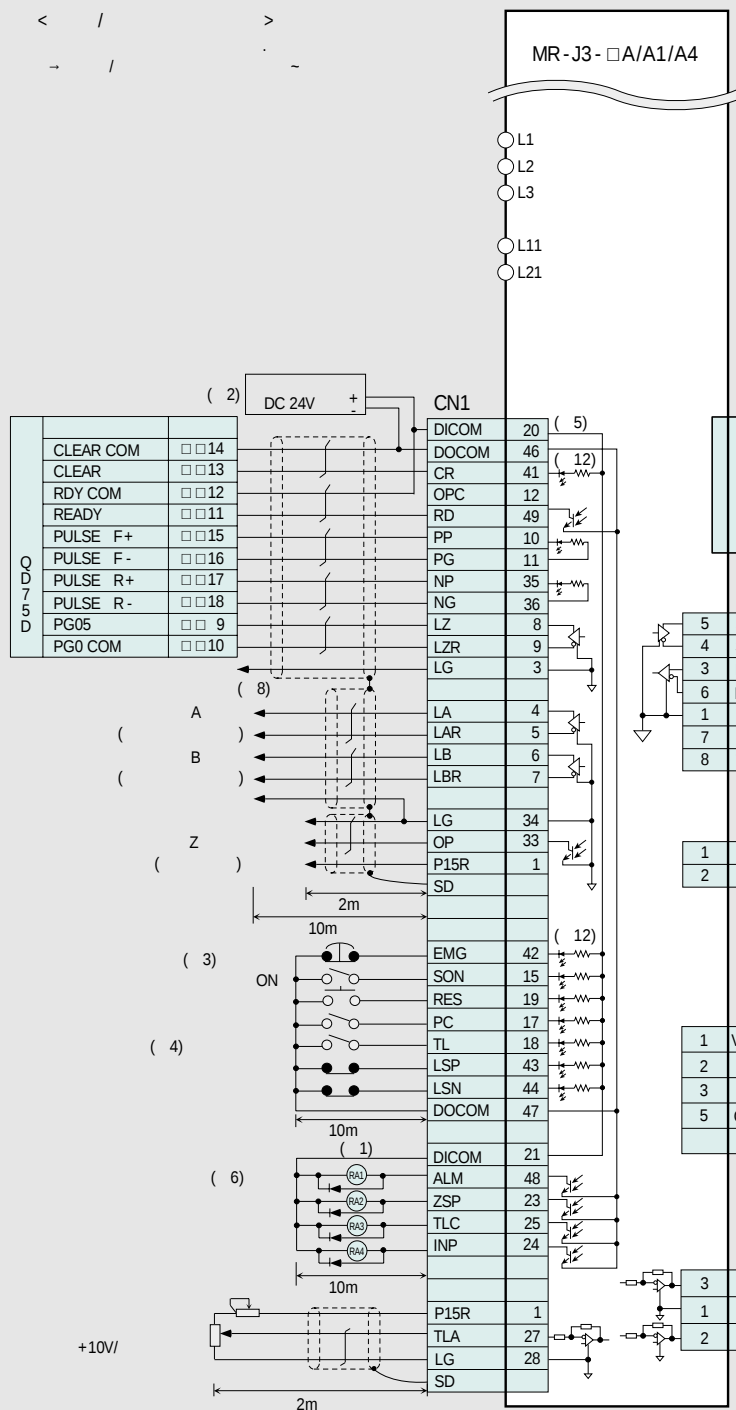
			MR - PRU03
			()
			, ,
	A		No., , , , , / ,

MELSERVO-J3

MR-J3-□A(1)/(4)

● QD75D

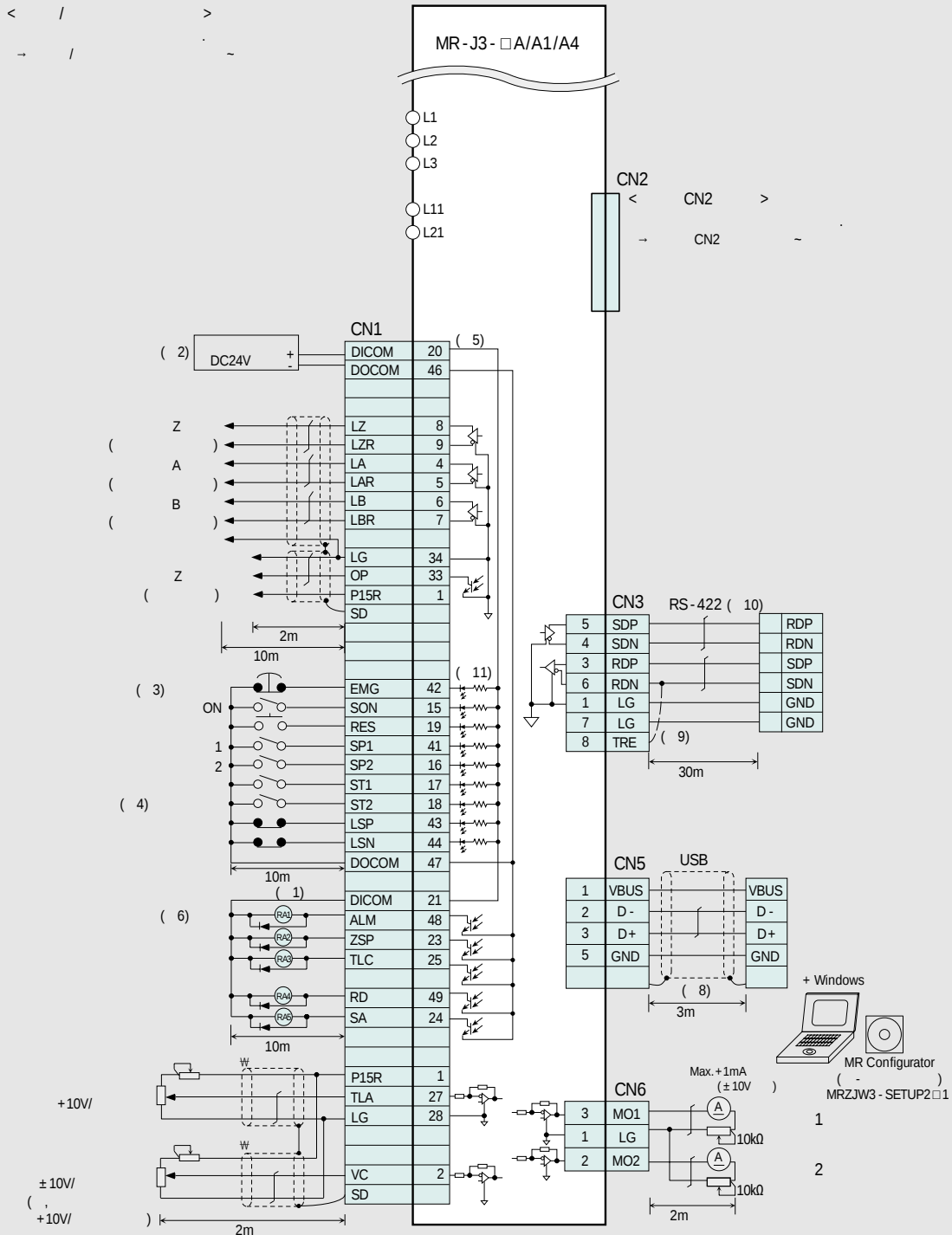
< / >
- / -



1. 가
2. DC24V±10%(: 300mA) 가 300mA
MR-J3-□A a
3. EMG (b) a
4. (LSP, LSN) (b)
- 5.
6. (ALM) ON (b)
7. QD75D (b)
8. QD75D LG-
9. 3m 가
10. TRE RDN
11. RS-422/RS-232C () 가 PC 가
12. MR-J3-□A a
13. FA (: FAT-CBLQ75M2J3(-P)/-1(P))
14. CN2L

MR-J3-□A(1)/(4) :

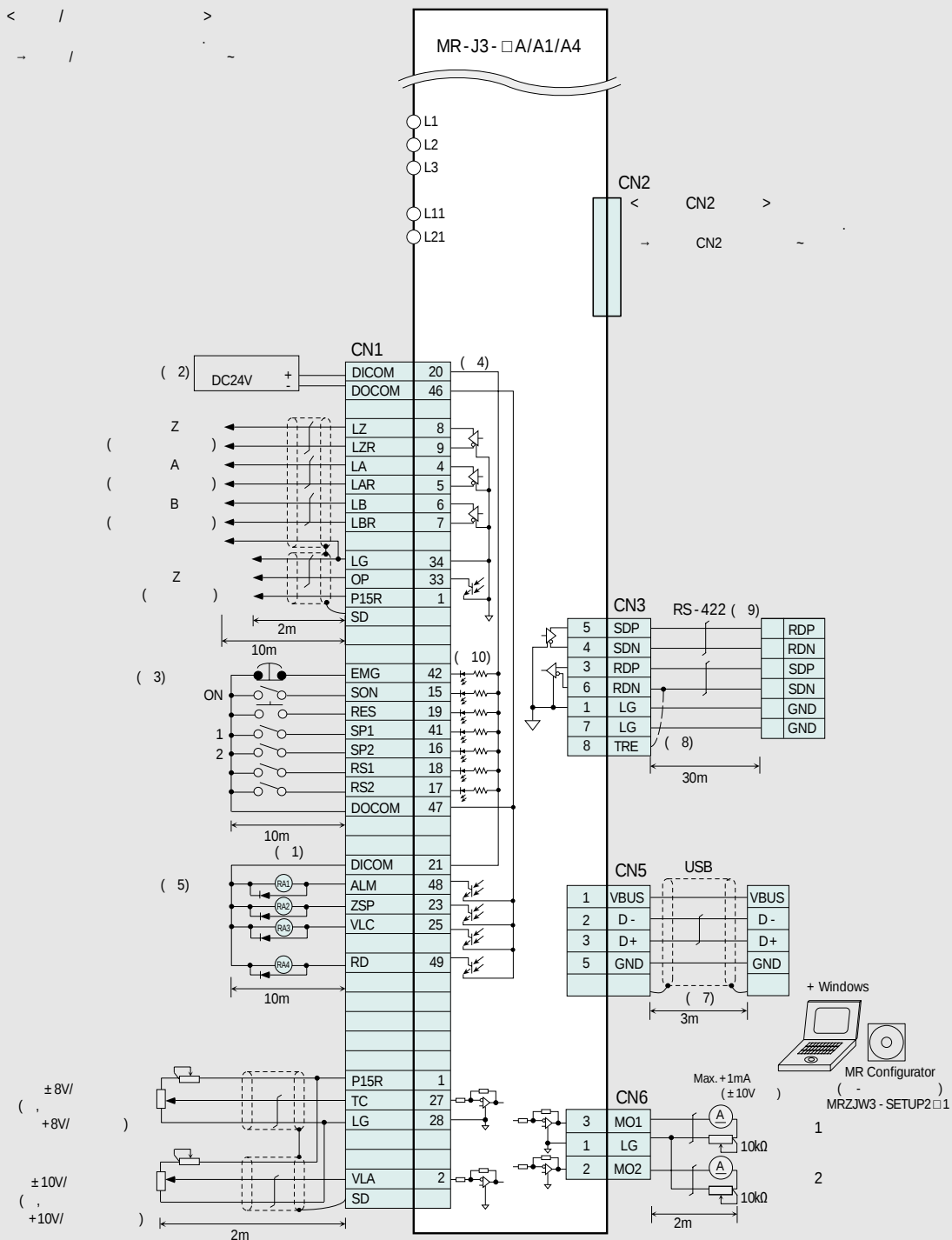
A



1. DC24V ±10% (300mA) : 300mA
2. EMG (LSP, LSN) : (b)
3. (ALM) ON : (b)
4. TRE RDN : 3m 가
5. RS-422/RS-232C : (가 < >)
6. PC : 가
7. MR-J3-□A : 가

MELSERVO-J3

MR-J3-□A(1)/(4) :



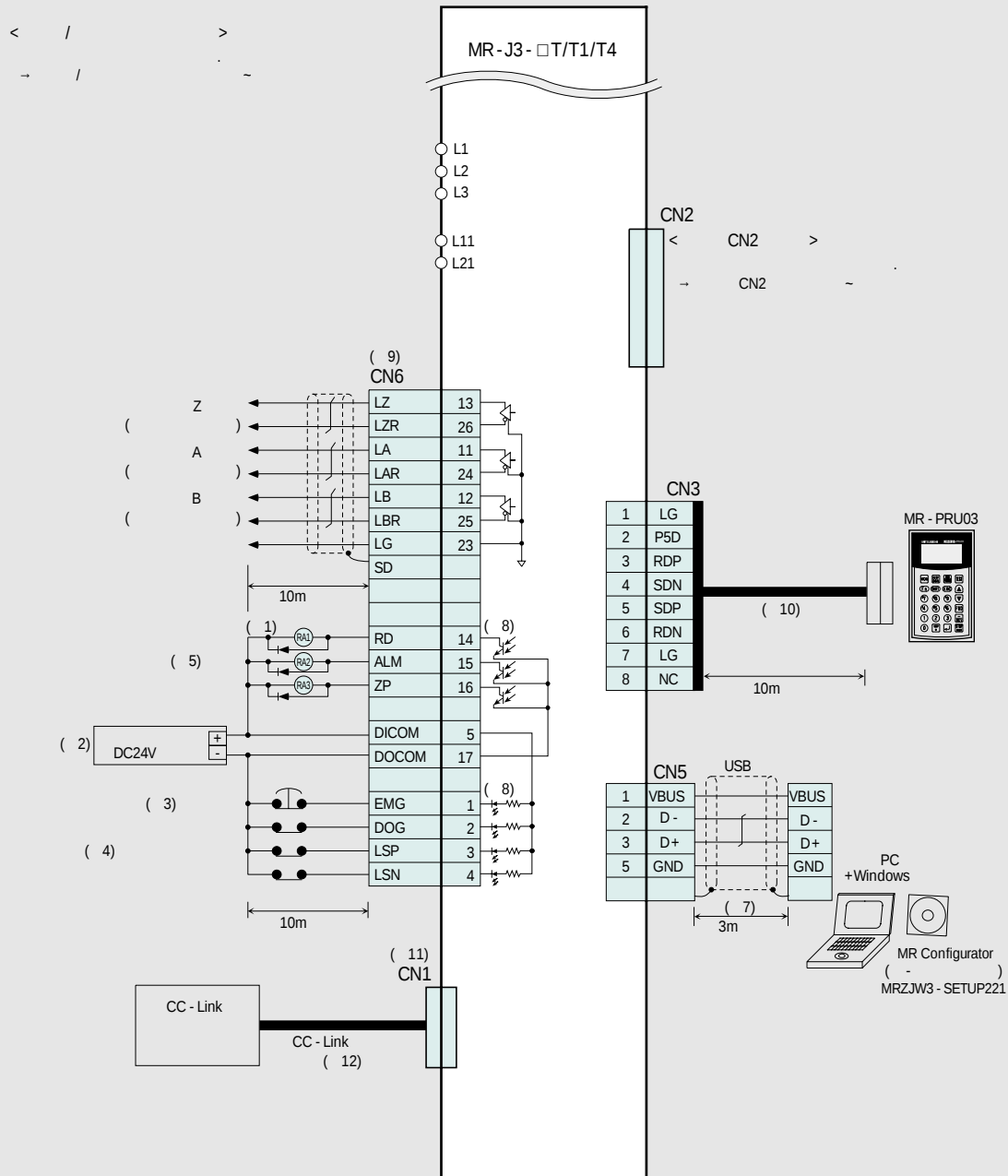
1. DC24V ±10% (300mA) 가
 2. DC24V ±10% (300mA) 가
 3. EMG (b) 가
 4. (ALM) ON 가
 5. (ALM) ON 가
 6. (ALM) ON 가
 7. TRE RDN 3m 가
 8. TRE RDN 3m 가
 9. RS-422/RS-232C 가
 10. 가
- PC 가
- MR-J3-□A 가

B



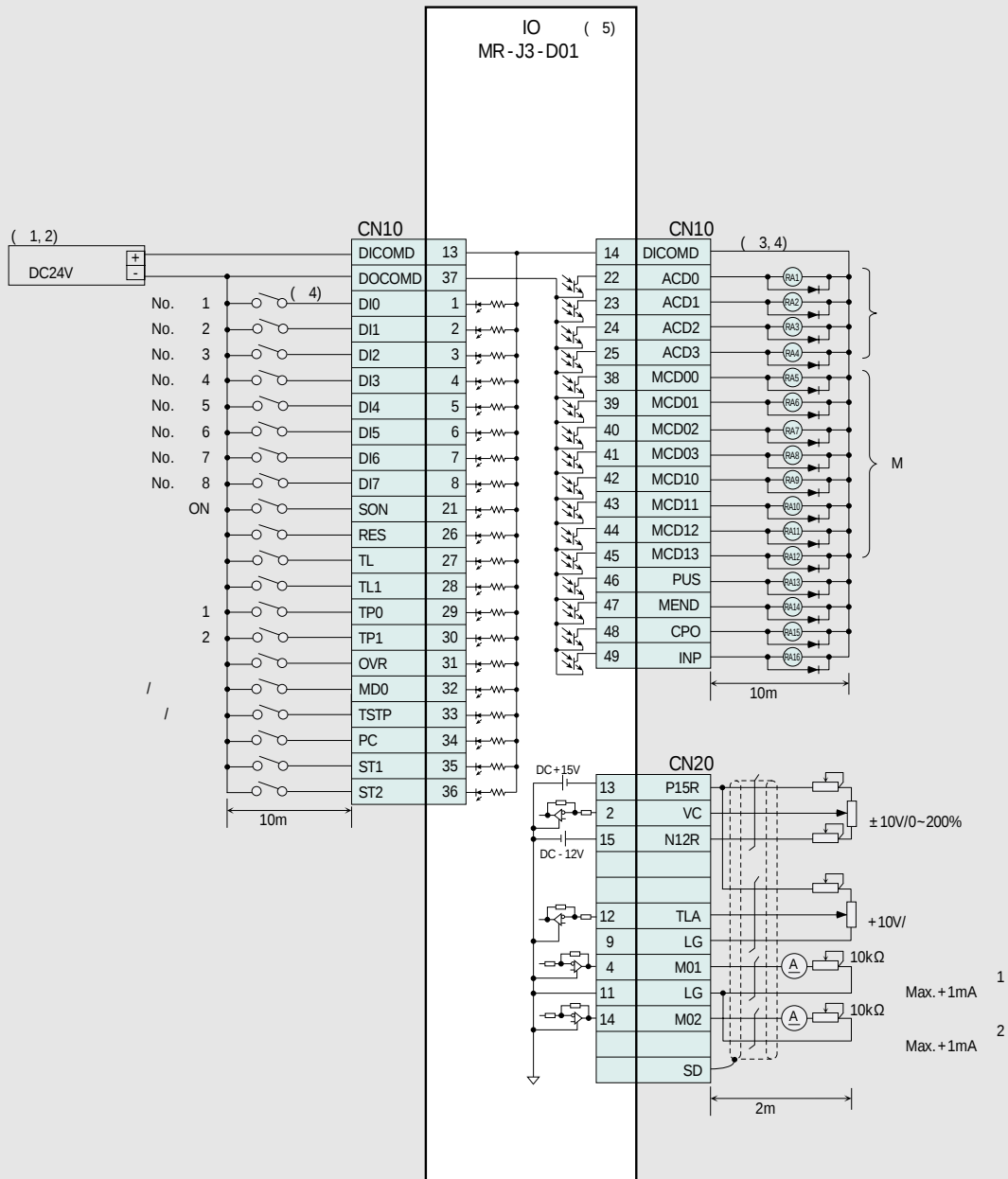
MELSERVO-J3

MR-J3-□T(1)/(4)



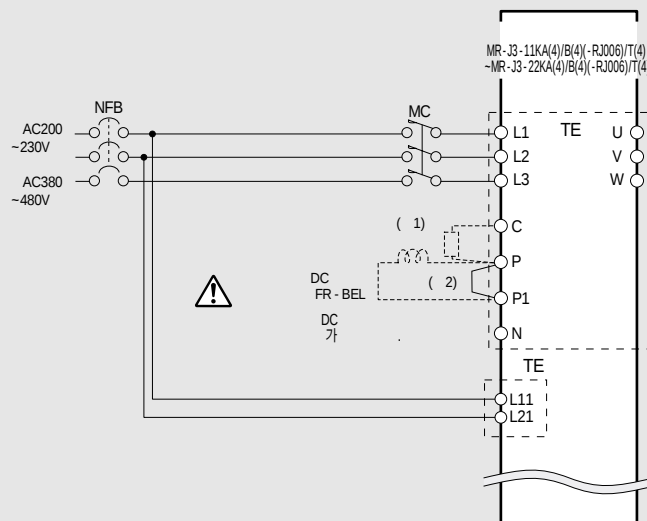
1. 가 가 가 가
2. DC24V ± 10% (: 150mA) 150mA 가
3. (EMG) (b) No.PD01 ON 가
4. (LSP, LSN) (b) No.PD01 ON 가
5. (ALM) ON 가
6. 가
7. 3m 가
8. 가
9. CN6 MR-J2CMP2
10. LAN (EIA568) RS-422/RS232C , PC 가 , USB (CN5) RS-422
11. (CN3) (排他) RS-422/RS232C 가
12. CC-Link CC-Link CC-Link CN1

MR-J3-D01 ()

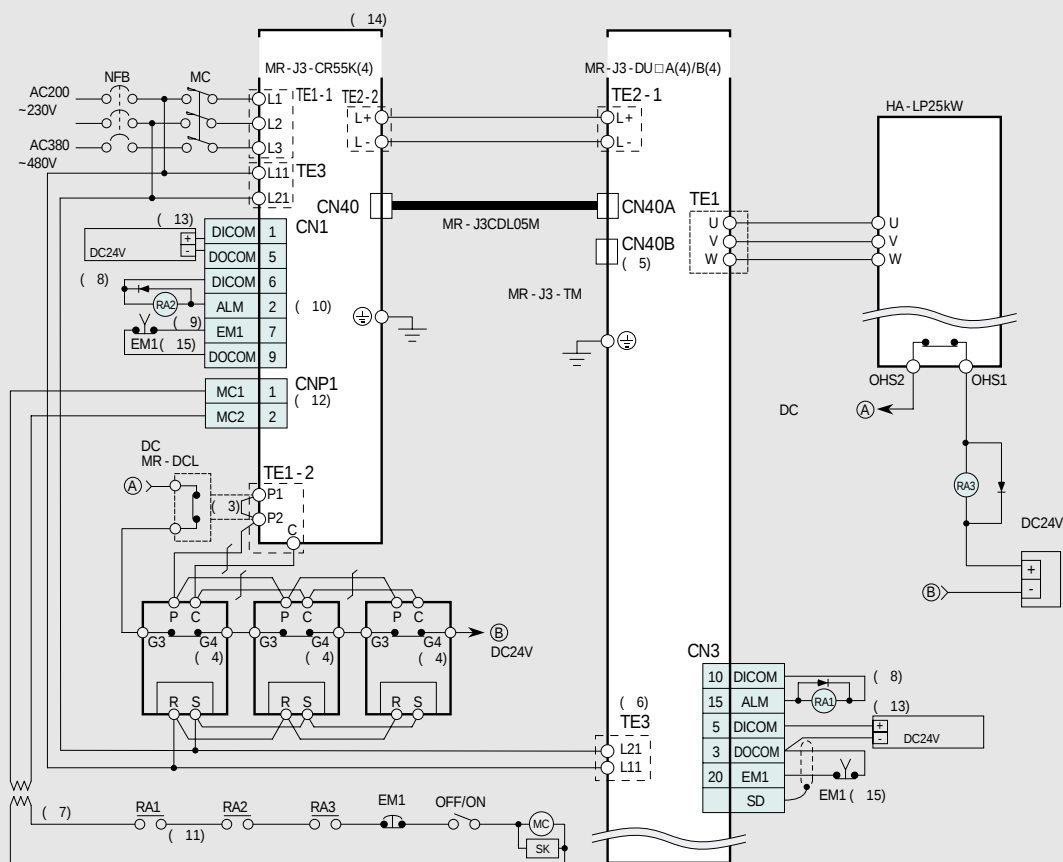


1. DC24V ±10% (: 800mA)
2. DC24V , 1 DC24V
3. MR-J3-D01
4. MR-J3-D01
5. IO MR-J3-D01 , MR-J3-□T MR-J3-A-RJ040 CN7

200V 400V 11kW~22kW



200V 400V 30kW



1. 11kW

2. DC

3. DC

4. MR-RB137(200V), MR-RB138-4(400V)

5. (MR-J3-TM) CN40B

6. L11, L21

7. 400V, 200V

8. 가 40mA 가

9. (ALM) ON

10. MC

11. CNP1

12. MC1, MC2

13. 가

14. 1 가

15. (EM1)가

MR-RB137 MR-RB138-4 3 가 1 (3900W)

L1, L2

가

가

가

가

가

가

가

가

가

가

CN2

[illegible]

MR-J3-□A(4)/
B(4)(-RJ006)/T(4)

CNP3 (4)

HF-SP

U V W (3) ⊕

U V W C D

SM

⊕ ⊕

⊕ (3)

DC24V

EMG

ON OFF

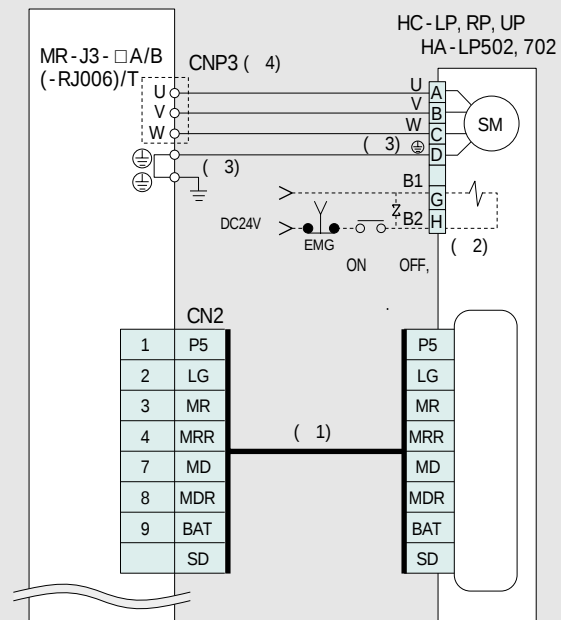
B1 B2 (2)

CN2

1	P5
2	LG
3	MR
4	MRR
7	MD
8	MDR
9	BAT
	SD

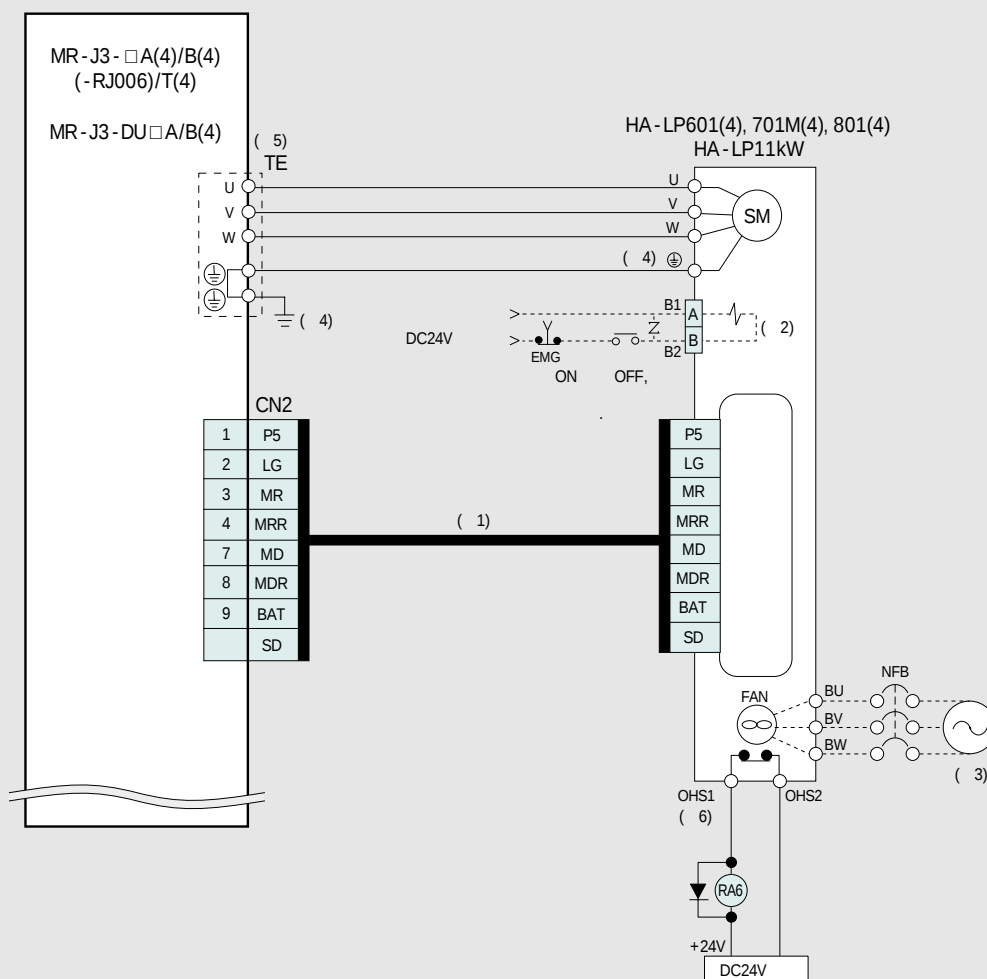
(1)

P5
LG
MR
MRR
MD
MDR
BAT
SD



- 43

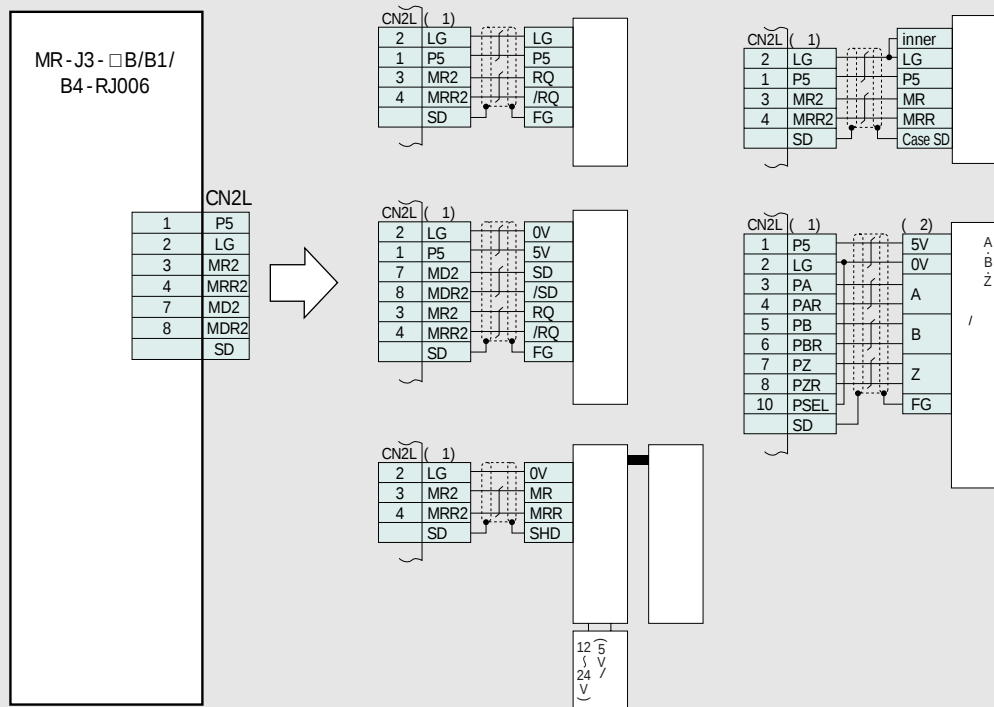
HA-LP601(4), 701M(4), 801(4) HA-LP 11kW



1. MR - J3
 2. (B1, B2)
 3.
 4. 22kW (PE)
 5. HA - LP601(4), 701M(4), U, V, W TE1
 6. OHS1 0.15A 3A 가 (PE) 1

CN2

MR-J3 - □ B(1)/(4) - RJ006

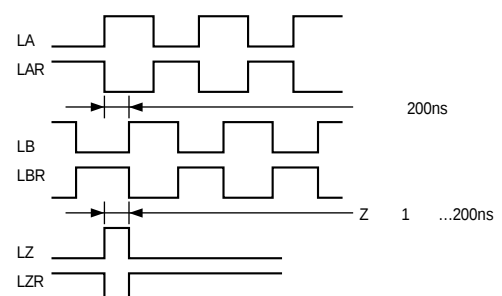


2. 가 350mA , 「MR-J3-□B-RJ006」

(1)

					(2)	()			
A · B · Z (5)	ABS		AT343A	0.05μm	2.0m/s	3,000mm	2	○	
			AT543A - SC		2.5m/s	2,200mm			
			ST741A	0.5μm	4.0m/s	3,000mm			
	INC		LC491M (3)	0.05μm	2.0m/s	2,040mm	4	○	
				SL710+PL101 - R/RH +MJ830 MJ831	0.2μm (4)	6.4m/s	3,000mm	2	×
		SH13 +MJ830 MJ831		0.005μm (4)	1.4m/s	1,240mm	×		
				RGH26P	5μm	4.0m/s	70,000mm	2	×
				RGH26Q	1μm	3.2m/s			×
				RGH26R	0.5μm	1.6m/s			×
			LIDA485 + APE391M	0.005μm (20/4096μm)	4.0m/s	30,040mm	4	×	
LIDA487 + APE391M	6,040mm								
INC		-				3	×		

1. 가
 2. 가
 3. 가
 4. (MJ830/MJ831 :)
 5. A, B, Z, 200ns, A, B, 200ns





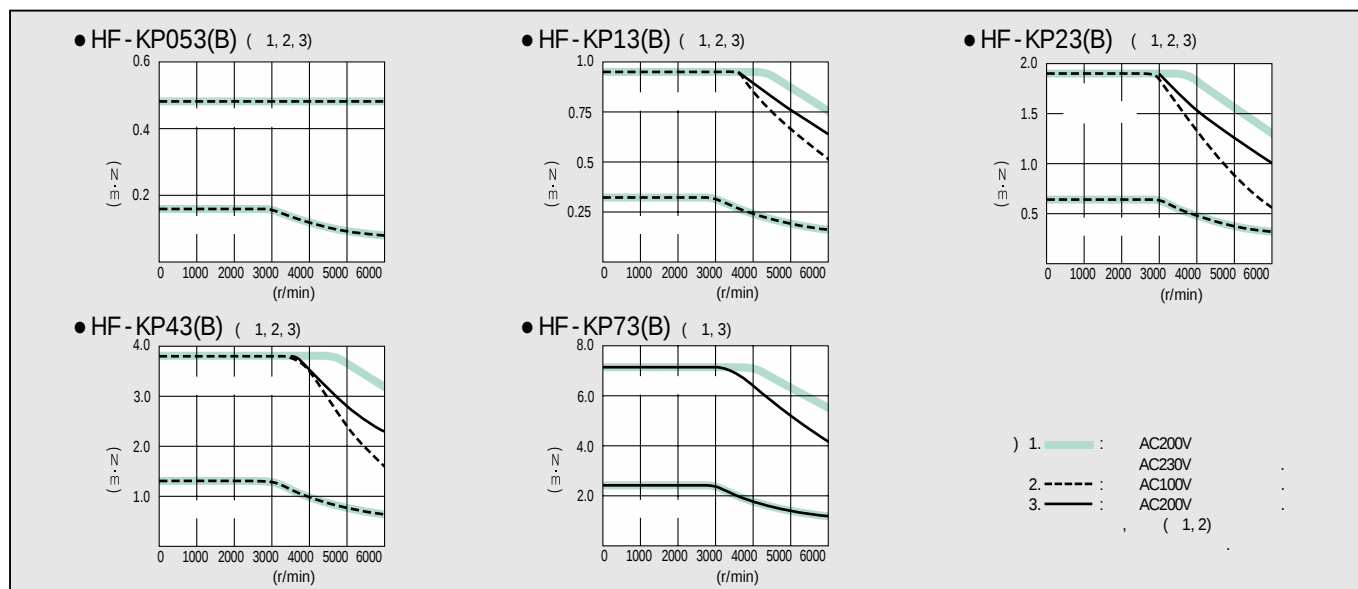
HF - KP

		HF - KP ()				
HF - KP		053 (B)	13 (B)	23 (B)	43 (B)	73 (B)
MR - J3 -		10A(1)/B(1)(-RJ006)/T(1)		20A(1)/B(1)(-RJ006)/T(1)	40A(1)/B(1)(-RJ006)/T(1)	70A/B(-RJ006)/T
	(1)(kVA)	0.3	0.3	0.5	0.9	1.3
	(kW)	50	100	200	400	750
	(N · m)	0.16	0.32	0.64	1.3	2.4
	(N · m)	0.48	0.95	1.9	3.8	7.2
	(r/min)	3000				
	(r/min)	6000				
	(r/min)	6900				
	(kW/s)	4.87	11.5	16.9	38.6	39.9
	(A)	0.9	0.8	1.4	2.7	5.2
	(A)	2.7	2.4	4.2	8.1	15.6
(2) (/)		(2-1)	(2-2)	448	249	140
() B	J(×10 ⁻⁴ kg · m ²)	0.052 (0.054)	0.088 (0.090)	0.24 (0.31)	0.42 (0.50)	1.43 (1.63)
(3)		15		24	22	15
		18 (1 : 262144p/rev)				
		- (가 (HF - KP□J))				
		B				
		(IP65)(4)				
		0~40 (), : -15~70 ()				
		80%RH (가), : 90%RH (가)				
		(), 가 가 가				
		/ (5) 1000m / X, Y : 49m/s ²				
(kg)	() B	0.35 (0.65)	0.56 (0.86)	0.94 (1.6)	1.5 (2.1)	2.9 (3.9)

1. 가1
2. (m= 가 / 가1) 1/(m+1)
(가 (W)) 2 (W) 가
()
: http://www.mitsubishi-automation.co.kr
2-1. 가 8
2-2. 가 4
3. 가
4. IP44
5. (Bracket)



HF - KP





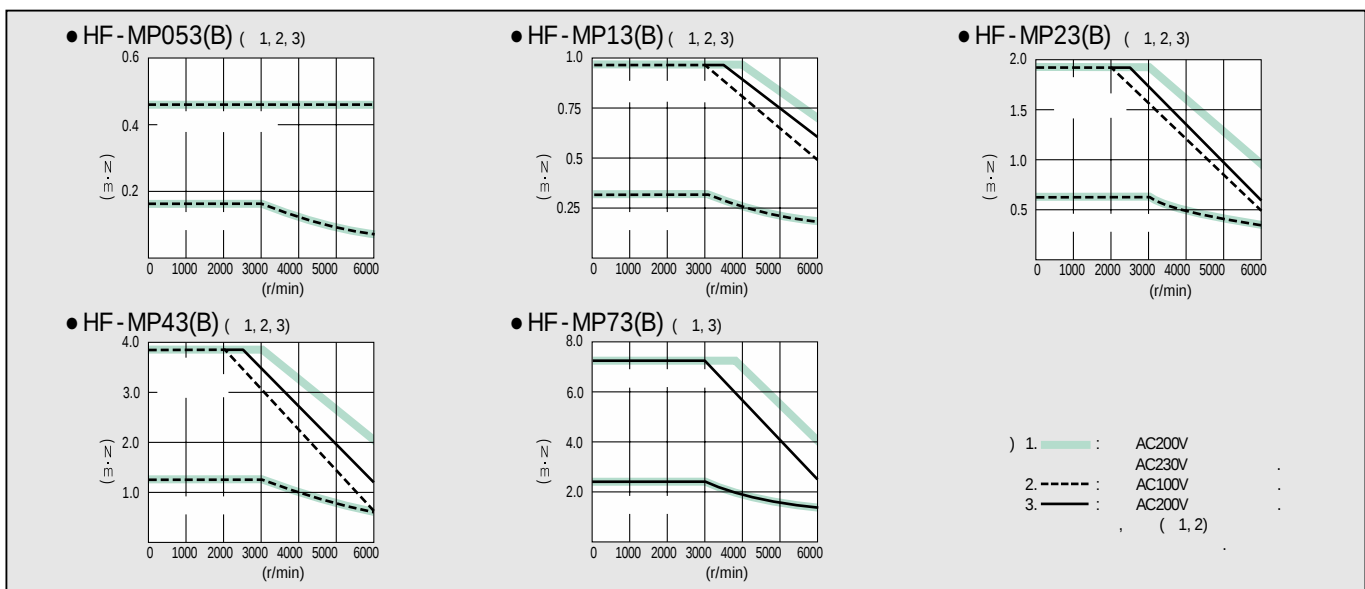
HF-MP

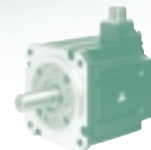
		HF-MP ()				
HF-MP		053 (B)	13 (B)	23 (B)	43 (B)	73 (B)
MR-J3-		10A(1)/B(1)(-RJ006)/T(1)		20A(1)/B(1)(-RJ006)/T(1)	40A(1)/B(1)(-RJ006)/T(1)	70A/B(-RJ006)/T
	(1)(kVA)	0.3	0.3	0.5	0.9	1.3
	(kW)	50	100	200	400	750
	(N·m)	0.16	0.32	0.64	1.3	2.4
	(N·m)	0.48	0.95	1.9	3.8	7.2
	(r/min)	3000				
	(r/min)	6000				
	(r/min)	6900				
	(kW/s)	13.3	31.7	46.1	111.6	95.5
	(A)	1.1	0.9	1.6	2.7	5.6
	(A)	3.2	2.8	5.0	8.6	16.7
	(2) (/)	(2-1)	(2-2)	1570	920	420
	() B J(×10 ⁻⁴ kg·m ²)	0.019 (0.025)	0.032 (0.039)	0.088 (0.12)	0.15 (0.18)	0.60 (0.70)
	30 (3)					
	18 (1 : 262144p/rev)					
	- (가 .(HF-MP□J))					
	B					
	(IP65)(4)					
	0~40 (), : -15~70 ()					
	80%RH (가), : 90%RH (가)					
	(), 가 . 가 . 가					
	1000m / X, Y : 49m/s ²					
	(kg) () B	0.35 (0.65)	0.56 (0.86)	0.94 (1.6)	1.5 (2.1)	2.9 (3.9)

1. 가1
2. (m= 가 / 가1) 1/(m+1)
(가 (W)) 2 (W) 가
()
: <http://www.mitsubishi-automation.co.kr>
2-1. 가 26
2-2. 가 15
3. 가
4. IP44
5. (Bracket)



HF-MP





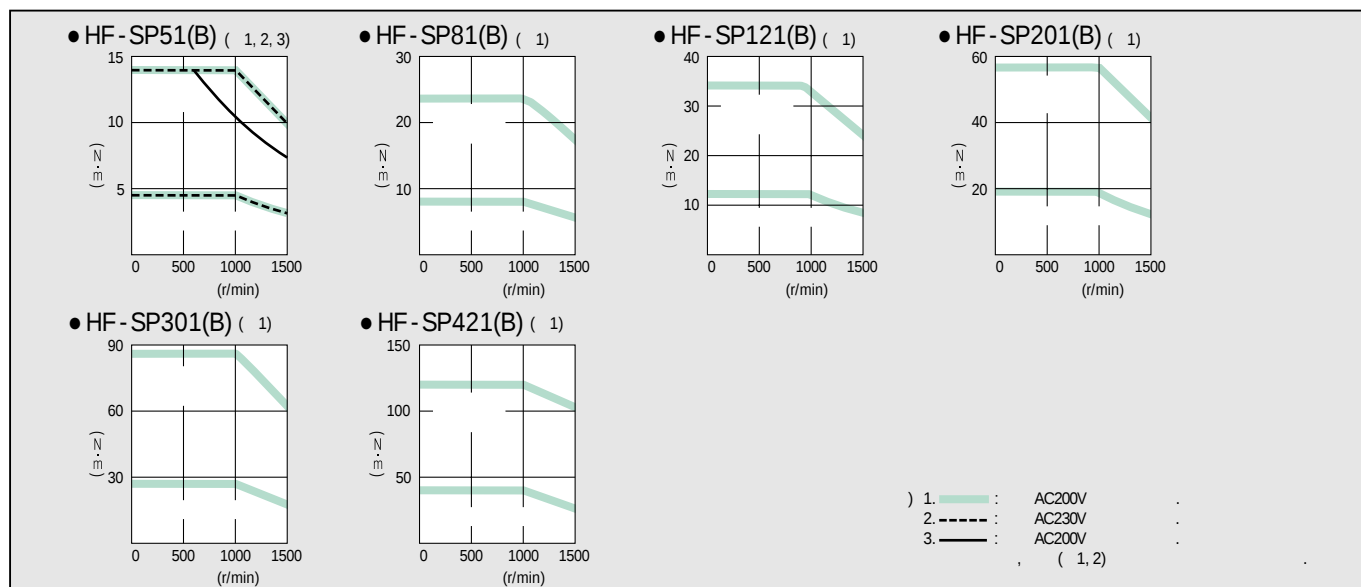
HF-SP 1000r/min

		HF-SP1000r/min ()					
	HF - SP	51 (B)	81 (B)	121 (B)	201 (B)	301 (B)	421 (B)
	MR - J3 -	60A/B(- RJ006)/T	100A/B(- RJ006)/T	200A/B(- RJ006)/T		350A/B(- RJ006)/T	500A/B(- RJ006)/T
	(1)(kVA)	1.0	1.5	2.1	3.5	4.8	6.3
	(kW)	0.5	0.85	1.2	2.0	3.0	4.2
	(N · m)	4.77	8.12	11.5	19.1	28.6	40.1
	(N · m)	14.3	24.4	34.4	57.3	85.9	120
	(r/min)	1000					
	(r/min)	1500					
	(r/min)	1725					
	(kW/s)	19.2	37.0	34.3	48.6	84.6	104
	(A)	2.9	4.5	6.5	11	16	24
	(A)	8.7	13.5	19.5	33	48	72
	(2) (/)	36	90	188	105	84	75
	() B J(× 10 ⁻⁴ kg · m ²)	11.9 (14.0)	17.8 (20.0)	38.3 (47.9)	75.0 (84.7)	97.0 (107)	154 (164)
		15 (3)					
		18 (1 : 262144p/rev)					
		- (가 .(HF-SP□J))					
		F					
		(IP67)(4)					
		0~40 (), : - 15~70 ()					
		80%RH (가), : 90%RH (가)					
		(), 가 가 가					
		1000m					
	(5)	X : 24.5m/s ² , Y : 24.5m/s ²		X : 24.5m/s ² , Y : 49m/s ²		X : 24.5m/s ² , Y : 29.4m/s ²	
(kg)	() B	6.5 (8.5)	8.3 (10.3)	12 (18)	19 (25)	22 (28)	32 (38)

1. 가1
2. (m= 가 /) (/)² 1/(m+1)
(W) (W) 가
(HF-SP301, 421 B0)
: <http://www.mitsubishi-automation.co.kr>
가
3. 가
4. Bracket
5. (Bracket)



HF-SP 1000r/min



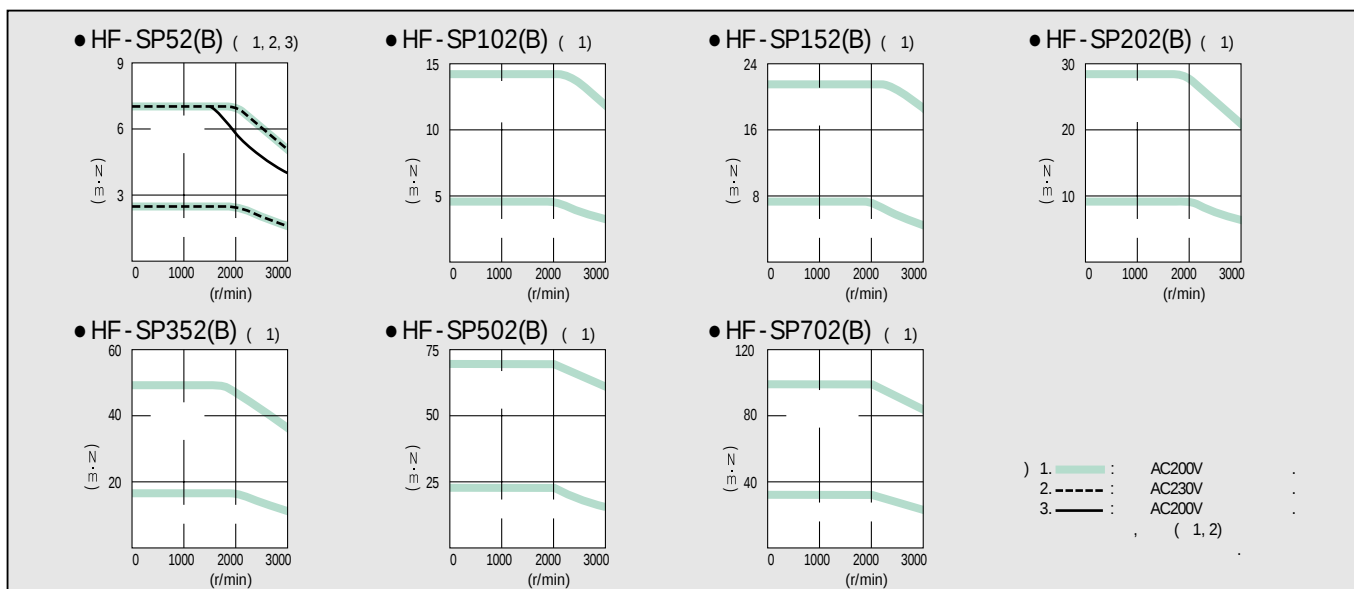


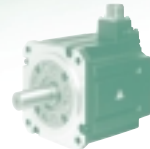
HF - SP 2000r/min (200V)

		HF - SP2000r/min ()							
HF - SP		52 (B)	102 (B)	152 (B)	202 (B)	352 (B)	502 (B)	702 (B)	
MR - J3 -		60A/B(-RJ006)/T	100A/B(-RJ006)/T	200A/B(-RJ006)/T		350A/B(-RJ006)/T	500A/B(-RJ006)/T	700A/B(-RJ006)/T	
	(1)(kVA)	1.0	1.7	2.5	3.5	5.5	7.5	10	
	(kW)	0.5	1.0	1.5	2.0	3.5	5.0	7.0	
	(N · m)	2.39	4.77	7.16	9.55	16.7	23.9	33.4	
	(N · m)	7.16	14.3	21.5	28.6	50.1	71.6	100	
	(r/min)	2000							
	(r/min)	3000							
	(r/min)	3450							
	(kW/s)	9.34	19.2	28.8	23.8	37.2	58.8	72.5	
	(A)	2.9	5.3	8.0	10	16	24	33	
	(A)	8.7	15.9	24	30	48	72	99	
(2) (/)		60	62	152	71	33	37	31	
() B	J(×10 ⁻⁴ kg · m ²)	6.1 (8.3)	11.9 (14.0)	17.8 (20.0)	38.3 (47.9)	75.0 (84.7)	97 (107)	154 (164)	
		15 (3)							
		18 (1 : 262144p/rev)							
		- (가 (HF - SP□J))							
		F							
		(IP67)(4)							
		0~40 (), : -15~70 ()							
		80%RH (가), : 90%RH (가)							
		(), 가 . 가 . 가							
		1000m							
(5)		X : 24.5 m ² , Y : 24.5 m ²			X : 24.5 m ² , Y : 49 m ²		X : 24.5 m ² , Y : 29.4 m ²		
(kg) () B		4.8 (6.7)	6.5 (8.5)	8.3 (10.3)	12 (18)	19 (25)	22 (28)	32 (38)	

1. 가1
2. (m= 가 /) 1/(m+1)
(W) 2 (W) 가
(HF - SP 2000r/min 400V B2)
: <http://www.mitsubishi-automation.co.kr>

HF - SP 2000r/min (200V)





HF- SP 2000r/min (400V)

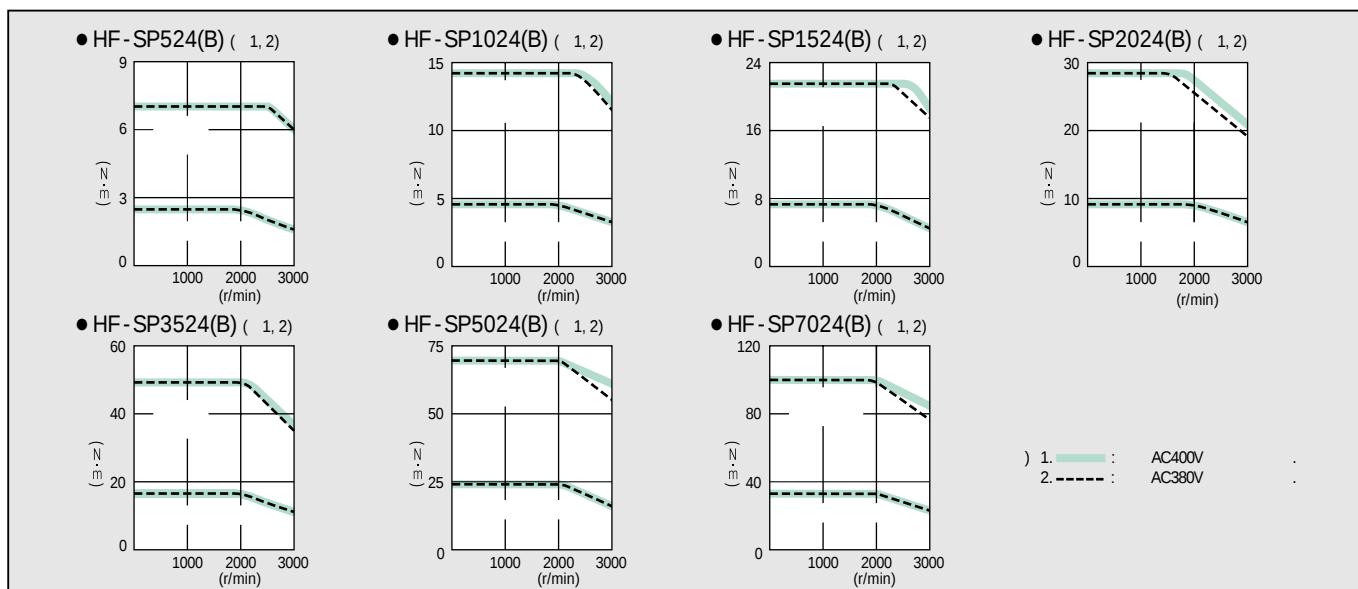
HF- SP2000r/min ()						
524 (B) ()	1024 (B) ()	1524 (B) ()	2024 (B) ()	3524 (B) ()	5024 (B)	7024 (B)
60A4/B4(- RJ006)/T4	100A4/B4(- RJ006)/T4	200A4/B4(- RJ006)/T4		350A4/B4(- RJ006)/T4	500A4/B4(- RJ006)/T4	700A4/B4(- RJ006)/T4
1.0	1.7	2.5	3.5	5.5	7.5	10
0.5	1.0	1.5	2.0	3.5	5.0	7.0
2.39	4.77	7.16	9.55	16.7	23.9	33.4
7.16	14.3	21.5	28.6	50.1	71.6	100
2000						
3000						
3450						
9.34	19.2	28.8	23.8	37.2	58.8	72.5
1.5	2.9	4.1	5.0	8.4	12	16
4.5	8.7	12	15	25	36	48
90	46	154	72	37	34	28
6.1 (8.3)	11.9 (14.0)	17.8 (20.0)	38.3 (47.9)	75.0 (84.7)	97.0 (107)	154 (164)
15 (3)						
18 (1 : 262144p/rev)						
- (가 .(HF- SP□J))						
F						
(IP67)(4)						
0~40 (), : -15~70 ()						
80%RH (가), : 90%RH (가)						
(), 가 . 가 . 가						
1000m						
X : 24.5 m/s, Y : 24.5 m/s		X : 24.5 m/s, Y : 49 m/s		X : 24.5 m/s, Y : 29.4 m/s		
4.8 (6.7)	6.7 (8.6)	8.5 (11)	13 (19)	19 (25)	22 (28)	32 (38)

3. 가
4.
5.

IP44
(Bracket)



HF- SP 2000r/min (400V)



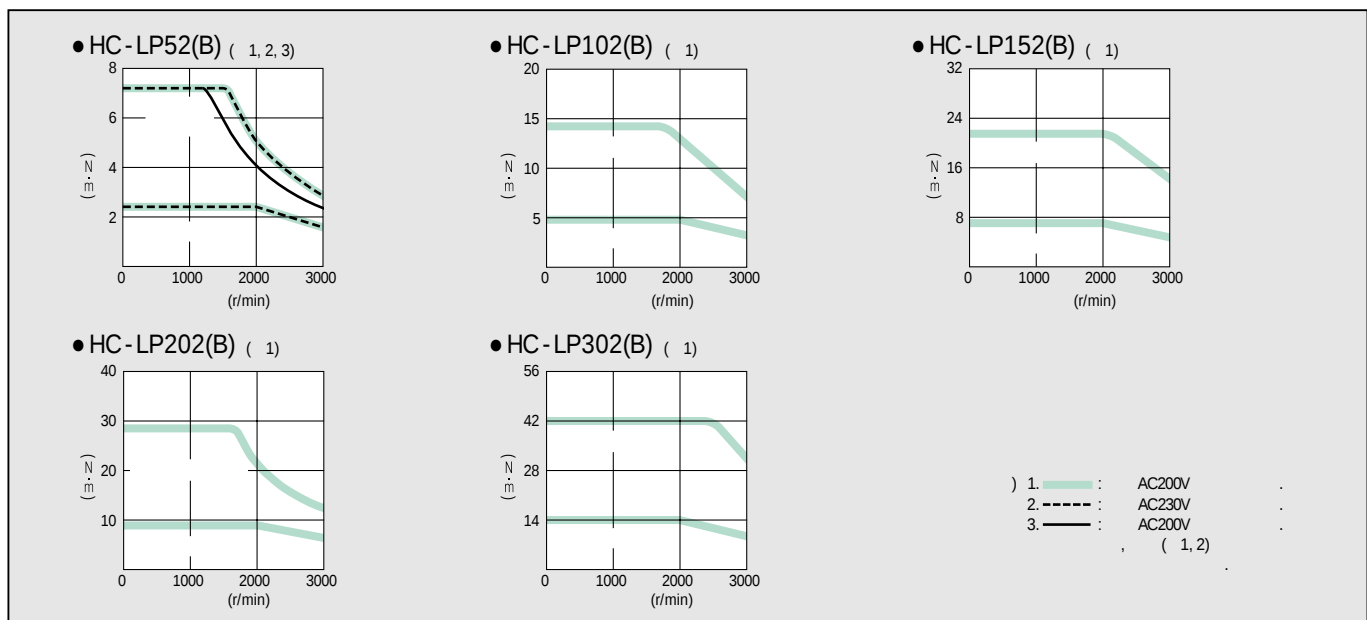


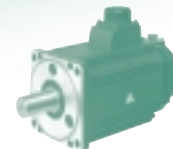
HC-LP

		HC-LP ()				
HC-LP		52 (B)	102 (B)	152 (B)	202 (B)	302 (B)
MR-J3-		60A/B(-RJ006)/T	100A/B(-RJ006)/T	200A/B(-RJ006)/T	350A/B(-RJ006)/T	500A/B(-RJ006)/T
	(1)(kVA)	1.0	1.7	2.5	3.5	4.8
	(kW)	0.5	1.0	1.5	2.0	3.0
	(N·m)	2.39	4.78	7.16	9.55	14.3
	(N·m)	7.16	14.4	21.6	28.5	42.9
	(r/min)	2000				
	(r/min)	3000				
	(r/min)	3450				
	(kW/s)	18.4	49.3	79.8	41.5	56.8
	(A)	3.2	5.9	9.9	14	23
	(A)	9.6	18	30	42	69
	(2) (/)	115	160	425	120	70
	() B J(×10 ⁻⁴ kg·m ²)	3.10 (5.20)	4.62 (6.72)	6.42 (8.52)	22.0 (32.0)	36.0 (46.0)
	(3)	10 (3)				
		18 (1 : 262144p/rev)				
		F				
		(IP65)(4)				
		0~40 (), : -15~70 ()				
		80%RH (가), : 90%RH (가)				
		(), 가 . 가 . 가				
	/ (5)	1000m / X : 9.8m/s ² Y : 24.5m/s ²			1000m / X : 19.6m/s ² Y : 49m/s ²	
(kg)	() B	6.5 (9.0)	8.0 (11)	10 (13)	21 (27)	28 (34)

1. 가1
2. (m= 가 / 가1) 1/(m+1)
가 (W) 가 (W) 가
()
: <http://www.mitsubishi-automation.co.kr>
3. 가
4.
5. (Bracket)
- 

HC-LP



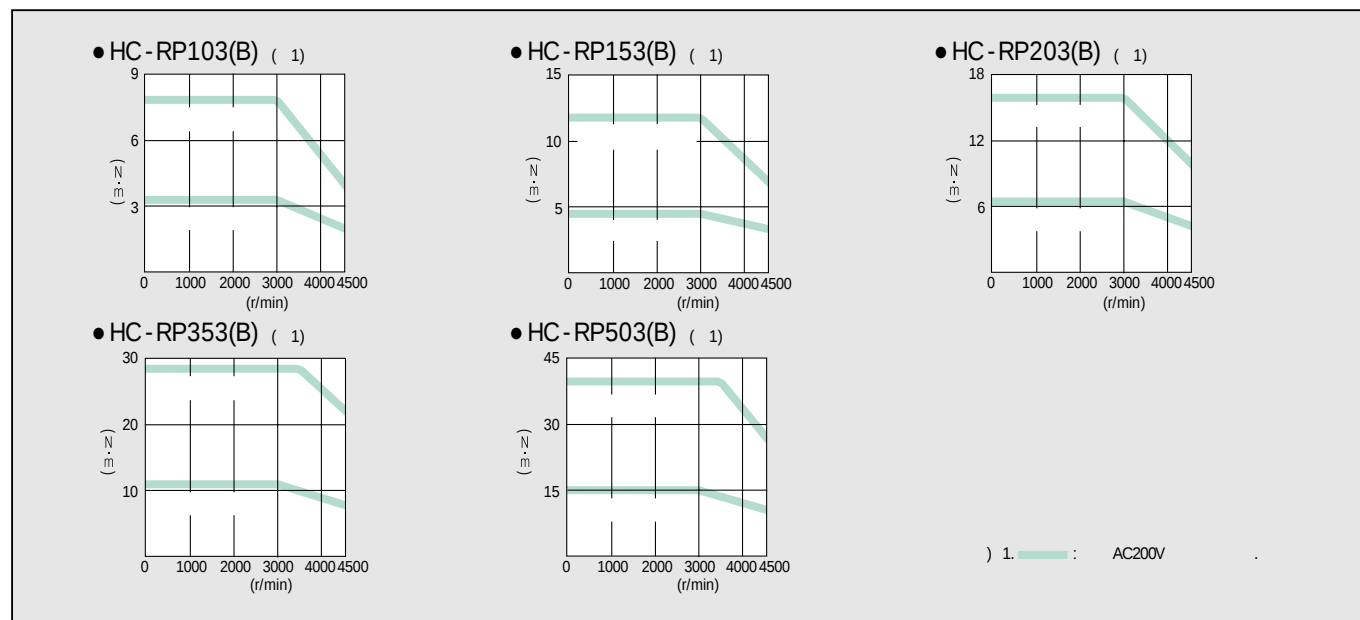


HC-RP

		HC-RP ()				
	HC-RP	103 (B)	153 (B)	203 (B)	353 (B)	503 (B)
	MR-J3-	200A/B(-RJ006)/T		350A/B(-RJ006)/T	500A/B(-RJ006)/T	
	(1)(kVA)	1.7	2.5	3.5	5.5	7.5
	(kW)	1.0	1.5	2.0	3.5	5.0
	(N·m)	3.18	4.78	6.37	11.1	15.9
	(N·m)	7.95	11.9	15.9	27.9	39.7
	(r/min)	3000				
	(r/min)	4500				
	(r/min)	5175				
	(kW/s)	67.4	120	176	150	211
	(A)	6.1	8.8	14	23	28
	(A)	18	23	37	58	70
	(2) (/)	1090	860	710	174	125
	() B J(×10 ⁻⁴ kg·m ²)	1.50 (1.85)	1.90 (2.25)	2.30 (2.65)	8.30 (11.8)	12.0 (15.5)
	(3)	5 (3)				
		, 18 (1 : 262144p/rev)				
		F				
		(IP65)(4)				
		0~40 (), : -15~70 ()				
		80%RH (가), : 90%RH (가)				
		(), 가 가 가				
	/ (5)	1000m / X, Y : 24.5m/s ²				
(kg)	() B	3.9 (6.0)	5.0 (7.0)	6.2 (8.3)	12 (15)	17 (21)

- 1.
2. (m= 가 / 가1) (/)² 1/(m+1) 가 (W) (W) 가
3. : <http://www.mitsubishi-automation.co.kr>
4. 가
5. (Bracket)

HC-RP



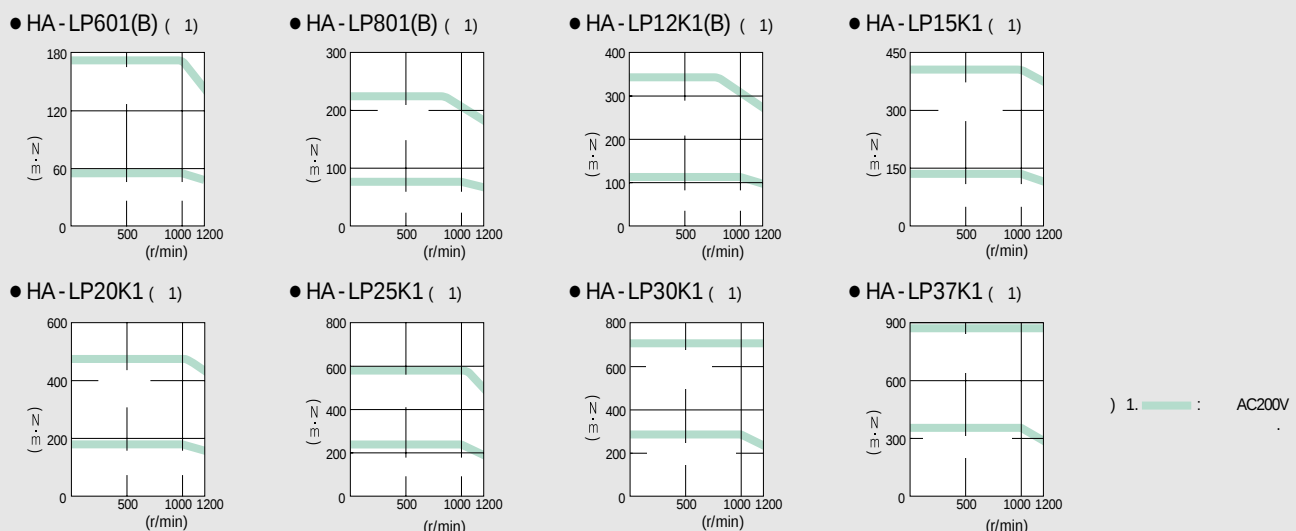
HA-LP 1000r/min (200V)

		HA-LP1000r/min (.)									
	HA - LP	601 (B)	801 (B)	12K1 (B)	15K1	20K1	25K1	30K1	37K1		
	MR - J3 -	700A/B (- RJ006)/T	11KA/B(- RJ006)/T		15KA/B (- RJ006)/T	22KA/B(- RJ006)/T		DU30KA/B	DU37KA/B		
	(1)(kVA)	8.6	12	18	22	30	38	48	59		
	(kW)	6.0	8.0	12	15	20	25	30	37		
	(N · m)	57.3	76.4	115	143	191	239	286	353		
	(N · m)	172	229	344	415	477	597	716	883		
	(r/min)	1000									
	(r/min)	1200									
	(r/min)	1380									
	(kW/s)	313	265	445	373	561	528	626	668		
	(A)	34	42	61	83	118	118	154	188		
	(A)	102	126	183	249	295	295	385	470		
	(2) (/)		158	354(6)	264(6)	230(6)	195(6)	117(6)	-	-	
	() B	J(× 10 ⁻⁴ kg · m ²)	105(113)	220(293)	295(369)	550	650	1080	1310	1870	
			10 (3)								
			, 18 (1 : 262144p/rev)								
			F								
		(IP44)(4)									
		0~40 (), : - 15~70 ()									
		80%RH (가), : 90%RH (가)									
		(), 가 . 가 . 가									
		1000m									
	(5)	X : 11.7m/s ² Y : 29.4m/s ²			X : 9.8m/s ² Y : 9.8m/s ²						
(kg)	() B	55 (70)	95 (130)	115 (150)	160	180	230	250	335		
		AC200~220V/50Hz AC200~230V/60Hz	AC200~220V/50Hz AC200~230V/60Hz								
	(W)	42(50Hz)/ 54(60Hz)	32(50Hz)/ 40(60Hz)		45(50Hz)/ 63(60Hz)			120(50Hz)/ 175(60Hz)			
	(A)	0.21(50Hz)/ 0.25(60Hz)	0.30(50Hz)/ 0.25(60Hz)		0.32(50Hz)/ 0.35(60Hz)			0.65(50Hz)/ 0.80(60Hz)			

1. 가1
2. (m= 가1, 1/(m+1)
(가1, 가1 (W) 2 (W) 가1
(, HA - LP 1000r/min 30kW HA - LP6014, HA - LP25K14 B2)

: <http://www.mitsubishi-automation.co.kr>

HA-LP 1000r/min (200V)





HA-LP 1000r/min (400V)

HA-LP1000r/min ()								
6014 (B)	8014 (B) (7)	12K14 (B)	15K14	20K14 (7)	25K14	30K14	37K14	
700A4/B4 (-RJ006)/T4	11KA4/B4(-RJ006)/T4		15KA4/B4 (-RJ006)/T4	20KA4/B4 (-RJ006)/T4	DU30KA4/B4		DU37KA4/B4	
8.6	12	18	22	30	38	48	59	
6.0	8.0	12	15	20	25	30	37	
57.3	76.4	115	143	191	239	286	353	
172	229	344	415	477	597	716	883	
1000								
1200								
1380								
313	265	445	373	561	528	626	668	
17	20	30	40	55	70	77	95	
51	63	90	120	138	175	193	238	
169	354(6)	264(6)	230(6)	195(6)	-	-	-	
105(113)	220(293)	295(369)	550	650	1080	1310	1870	
10 (3)								
, 18 (1 : 262144p/rev)								
F								
(IP44)(4)								
0~40 (), : -15~70 ()								
80%RH (가), : 90%RH (가)								
(), 가 . 가 . 가								
1000m								
X : 11.7m/s ² Y : 29.4m/s ²			X : 9.8m/s ² Y : 9.8m/s ²					
55 (70)	95 (130)	115 (150)	160	180	230	250	335	
AC200~220V/50Hz AC200~230V/60Hz	AC380~420V 50/60Hz		AC380~460V 50/60Hz					
42(50Hz)/ 54(60Hz)	55(50Hz)/ 75(60Hz)		65(50Hz)/ 85(60Hz)		110(50Hz)/ 150(60Hz)			
0.21(50Hz)/ 0.25(60Hz)	0.12(50Hz)/ 0.11(60Hz)		0.12(50Hz)/ 0.14(60Hz)		0.20(50Hz)/ 0.22(60Hz)			

3. 가

4.

5. (Bracket)



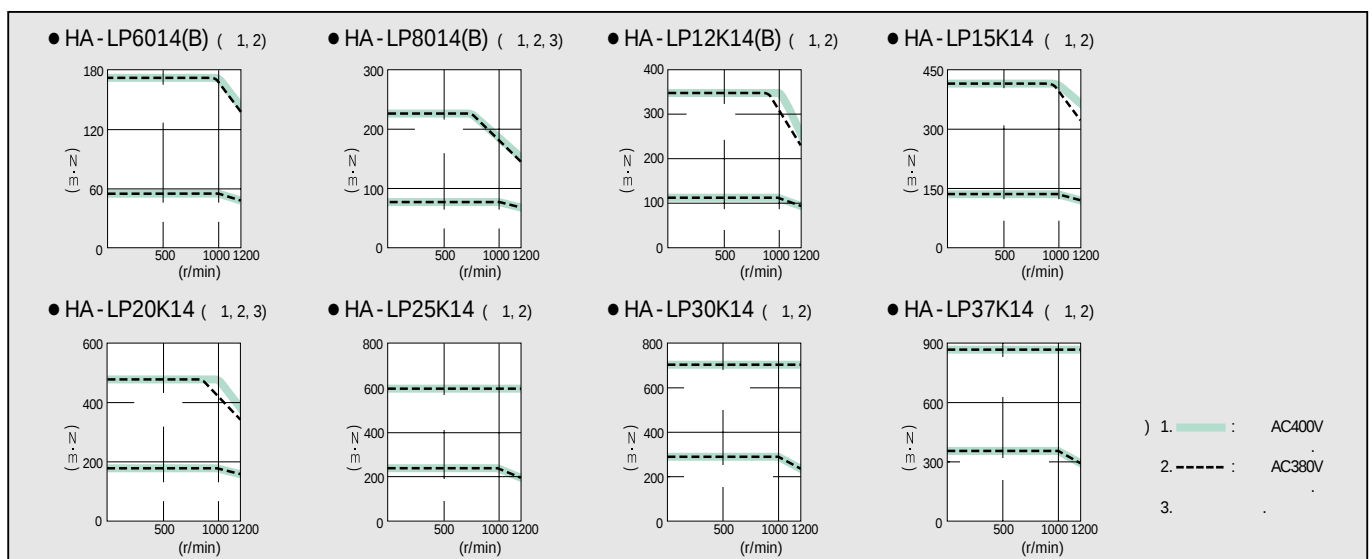
6. GRZG400 - □ Ω

No.PA02

(1.0m/min, □92×2)

7.

HA-LP 1000r/min (400V)



HA-LP 1500r/min (200V)

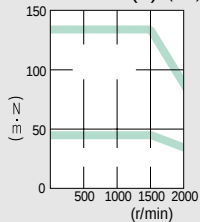
			HA-LP1500r/min ()							
	HA-LP		701M (B)	11K1M (B)	15K1M (B)	22K1M	30K1M	37K1M		
	MR-J3-		700A/B (-RJ006)/T	11KA/B (-RJ006)/T	15KA/B (-RJ006)/T	22KA/B (-RJ006)/T	DU30KA/B	DU37KA/B		
	(1)(kVA)		10	16	22	33	48	59		
		(kW)	7.0	11	15	22	30	37		
		(N · m)	44.6	70.0	95.5	140	191	236		
	(N · m)		134	210	286	350	477	589		
	(r/min)		1500							
	(r/min)		2000							
	(r/min)		2300							
	(kW/s)		189	223	309	357	561	514		
	(A)		37	65	87	126	174	202		
	(A)		111	195	261	315	435	505		
	(2) (/)		70	158(6)	191(6)	102(6)	-	-		
	() B	J(× 10 ⁻⁴ kg · m ²)	105(113)	220(293)	295(369)	550	650	1080		
			10 (3)							
			, 18 (1 : 262144p/rev)							
			F							
			(IP44)(4)							
			0~40 (), : -15~70 ()							
			80%RH (가), : 90%RH (가)							
			(), 가 . 가 . 가							
		1000m								
		(5)	X : 11.7m/s ² Y : 29.4m/s ²			X : 9.8m/s ² Y : 9.8m/s ²				
(kg) () B		55 (70)	95 (130)	115 (150)	160	180	230			
		AC200~220V/50Hz AC200~230V/60Hz	AC200~220V/50Hz AC200~230V/60Hz							
	(W)	42(50Hz)/ 54(60Hz)	32(50Hz)/ 40(60Hz)			45(50Hz)/ 63(60Hz)		120(50Hz)/ 175(60Hz)		
	(A)	0.21(50Hz)/ 0.25(60Hz)	0.30(50Hz)/ 0.25(60Hz)			0.32(50Hz)/ 0.35(60Hz)		0.65(50Hz)/ 0.80(60Hz)		

1. 가1, 1/(m+1)
2. (m= 가 /) 가 , (/) 2 가 (W) (W) 가
(, HA - LP1500r/min 30kW HA - LP701M4 B2)

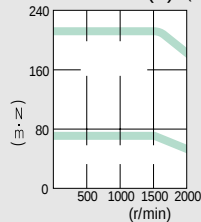
: <http://www.mitsubishi-automation.co.kr>

HA-LP 1500r/min (200V)

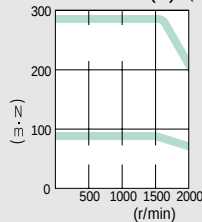
- HA-LP701M(B) (1)



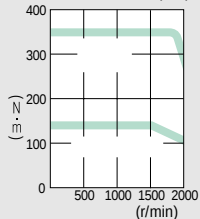
- HA-LP11K1M(B) (1)



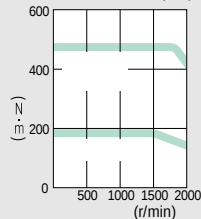
- HA-LP15K1M(B) (1)



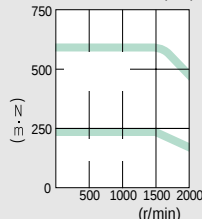
- HA-LP22K1M (1)



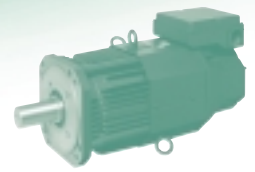
- HA-LP30K1M (1)



- HA-LP37K1M (1)



) 1. : AC200V



HA-LP 1500r/min (400V)

HA-LP1500r/min ()								
701M4 (B)	11K1M4 (B) (7)	15K1M4 (B)	22K1M4 (7)	30K1M4	37K1M4	45K1M4	50K1M4	
700A4/B4 (-RJ006)/T4	11KA4/B4 (-RJ006)/T4	15KA4/B4 (-RJ006)/T4	22KA4/B4 (-RJ006)/T4	DU30KA4/B4	DU37KA4/B4	DU45KA4/B4	DU55KA4/B4	
10	16	22	33	48	59	71	80	
7.0	11	15	22	30	37	45	50	
44.6	70.0	95.5	140	191	236	286	318	
134	210	286	350	477	589	716	796	
1500								
2000								
2300								
189	223	309	357	561	514	626	542	
18	31	41	63	87	101	128	143	
54	93	123	158	218	253	320	358	
75	158(6)	191(6)	102(6)	-	-	-	-	
105(113)	220(293)	295(369)	550	650	1080	1310	1870	
10 (3)								
, 18 (1 : 262144p/rev)								
F								
(IP44)(4)								
0~40 (), : -15~70 ()								
80%RH (가), : 90%RH (가)								
(), 가 . 가 . 가								
1000m								
X : 11.7m/s ² Y : 29.4m/s ²			X : 9.8m/s ² Y : 9.8m/s ²					
55 (70)	95 (130)	115 (150)	160	180	230	250	335	
AC200~220V/50Hz AC200~230V/60Hz	AC380~420V 50/60Hz		AC380~460V 50/60Hz					
42(50Hz)/ 54(60Hz)	55(50Hz)/ 75(60Hz)		65(50Hz)/ 85(60Hz)			110(50Hz)/ 150(60Hz)		
0.21(50Hz)/ 0.25(60Hz)	0.12(50Hz)/ 0.11(60Hz)		0.12(50Hz)/ 0.14(60Hz)			0.20(50Hz)/ 0.22(60Hz)		

3. 가

4.

5. (Bracket)



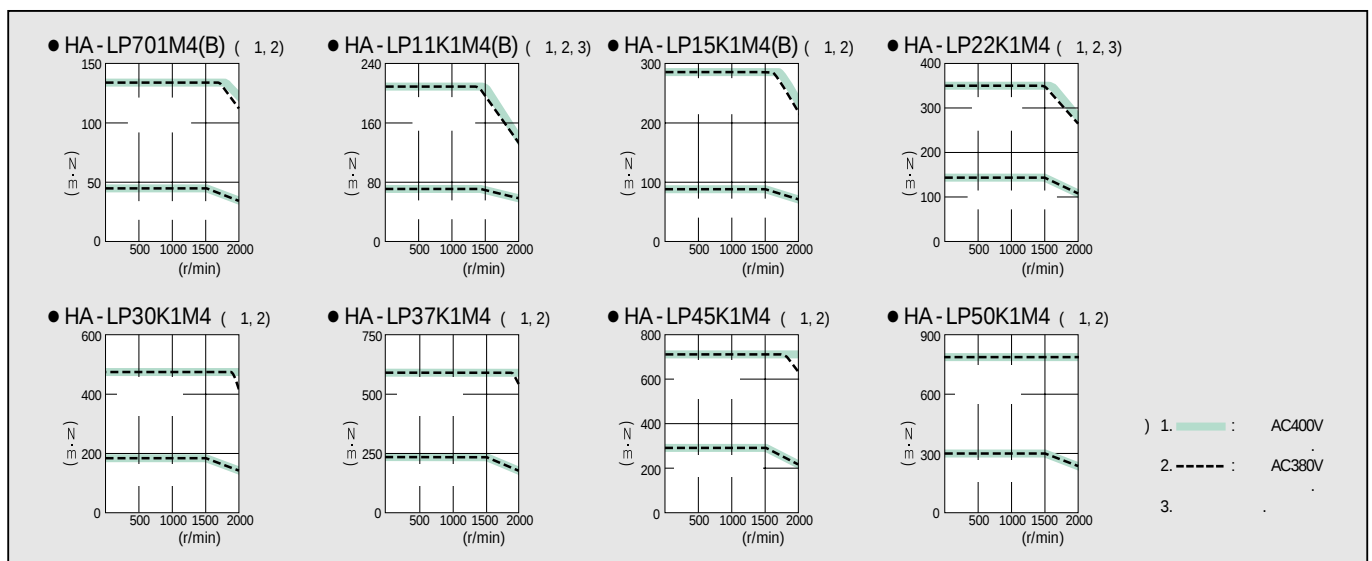
6. GRZG400 - □ Ω

No.PA02

(1.0m/min, □92×2)

7.

HA-LP 1500r/min (400V)



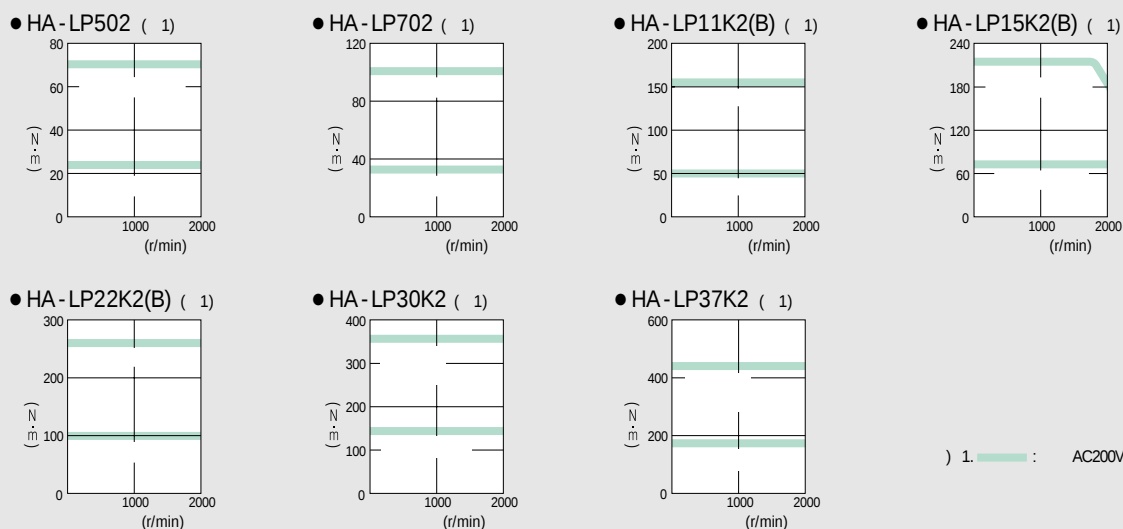
HA-LP 2000r/min (200V)

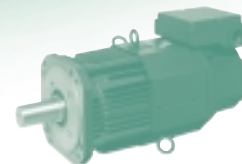
		HA-LP2000r/min (.)								
	HA - LP		502	702	11K2 (B)	15K2 (B)	22K2 (B)	30K2	37K2	
	MR - J3 -		500A/B (- RJ006)/T	700A/B (- RJ006)/T	11KA/B (- RJ006)/T	15KA/B (- RJ006)/T	22KA/B (- RJ006)/T	DU30KA/B	DU37KA/B	
	(1)(kVA)		7.5	10.0	16	22	33	48	59	
		(kW)	5.0	7.0	11	15	22	30	37	
		(N · m)	23.9	33.4	52.5	71.6	105	143	177	
	(N · m)		71.6	100	158	215	263	358	442	
	(r/min)		2000							
	(r/min)		2000							
	(r/min)		2300							
	(kW/s)		77.2	118	263	233	374	373	480	
	(A)		25	34	63	77	112	166	204	
	(A)		75	102	189	231	280	415	510	
	(2) (/)		50	50	186(6)	144(6)	107(6)	-	-	
	() B	J(× 10 ⁻⁴ kg · m ²)	74.0	94.2	105(113)	220(293)	295(369)	550	650	
			10 (3)							
			, 18 (1 : 262144p/rev)							
			F							
			(IP65)(4) (IP44)(4)							
		0~40 (), : - 15~70 ()								
		80%RH (가), : 90%RH (가)								
		(), 가 . 가								
		1000m								
		(5) X : 11.7m/s ² Y : 29.4m/s ² X : 9.8m/s ² Y : 9.8m/s ²								
(kg) () B		28	35	55 (70)	95 (130)	115 (150)	160	180		
		-	-	AC200~220V/50Hz AC200~230V/60Hz	AC200~220V/50Hz AC200~230V/60Hz					
		(W)	-	-	42(50Hz)/ 54(60Hz)	32(50Hz)/ 40(60Hz)		45(50Hz)/ 63(60Hz)		
	(A)	-	-	0.21(50Hz)/ 0.25(60Hz)	0.30(50Hz)/ 0.25(60Hz)		0.32(50Hz)/ 0.35(60Hz)			

1. 가1, 1/(m+1)
2. (m= 가 /) 가 , (/) 2 , (W) 가
(가 , HA-LP2000r/min 30kW (W) B2 .)

: <http://www.mitsubishi-automation.co.kr>

HA-LP 2000r/min (200V)





HA-LP 2000r/min (400V)

HA-LP2000r/min ()						
11k24 (B)	15k24 (B)	22k24 (B)	30k24	37k24	45k24	55k24
11kA4/B4 (-RJ006)/T4	15kA4/B4 (-RJ006)/T4	22kA4/B4 (-RJ006)/T4	DU30KA4/B4	DU37KA4/B4	DU45KA4/B4	DU55KA4/B4
16	22	33	48	59	71	87
11	15	22	30	37	45	55
52.5	71.6	105	143	177	215	263
158	215	263	358	442	537	657
2000						
2000						
2300						
263	233	374	373	480	427	526
32	40	57	83	102	131	143
96	120	143	208	255	328	358
186 (6)	144 (6)	107 (6)	-	-	-	-
105 (113)	220 (293)	295 (369)	550	650	1080	1310
10 (3)						
, 18 (1 : 262144p/rev)						
F						
(IP44)(4)						
0~40 (), : -15~70 ()						
80%RH (가), : 90%RH (가)						
(), 가 . 가 . 가						
1000m						
X : 11.7m/s ² Y : 29.4m/s ²			X : 9.8m/s ² Y : 9.8m/s ²			
55 (70)	95 (130)	115 (150)	160	180	230	250
AC200~220V/50Hz AC200~230V/60Hz	AC380~420V 50/60Hz		AC380~460V 50/60Hz			
42(50Hz)/ 54(60Hz)	55(50Hz)/ 75(60Hz)		65(50Hz)/ 85(60Hz)		110(50Hz)/ 150(60Hz)	
0.21(50Hz)/ 0.25(60Hz)	0.12(50Hz)/ 0.11(60Hz)		0.12(50Hz)/ 0.14(60Hz)		0.20(50Hz)/ 0.22(60Hz)	

3. 가

4. .

5. (Bracket)

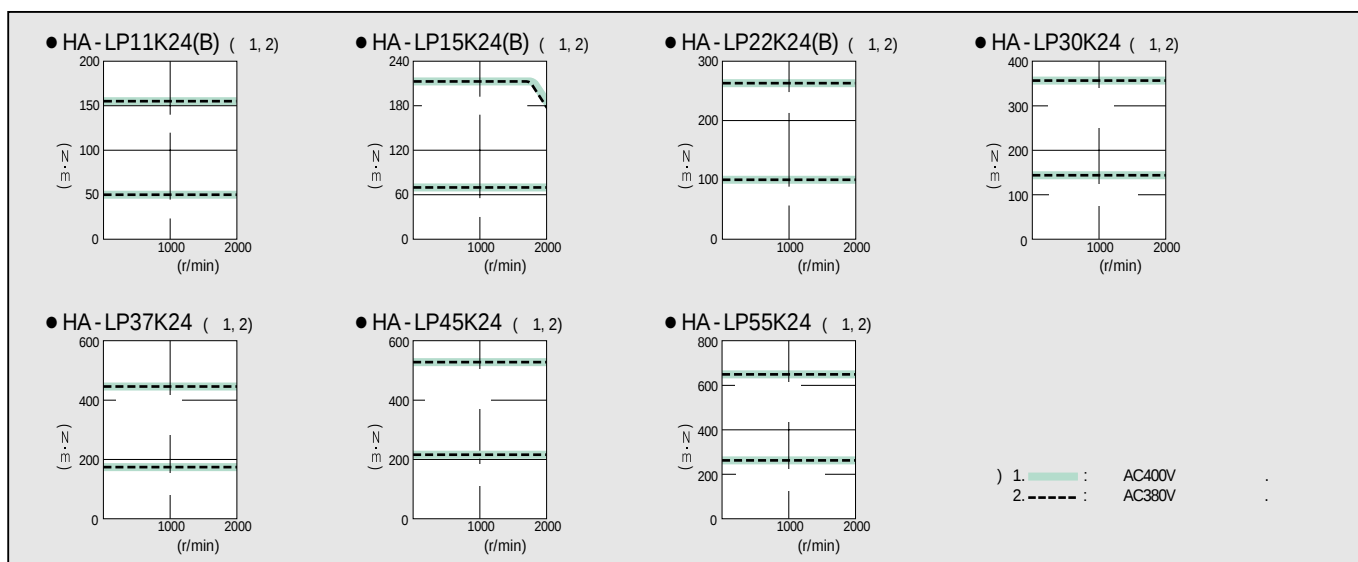


6. GRZG400 - □ Ω

No.PA02

(1.0m/min, □ 92 × 2)

HA-LP 2000r/min (400V)





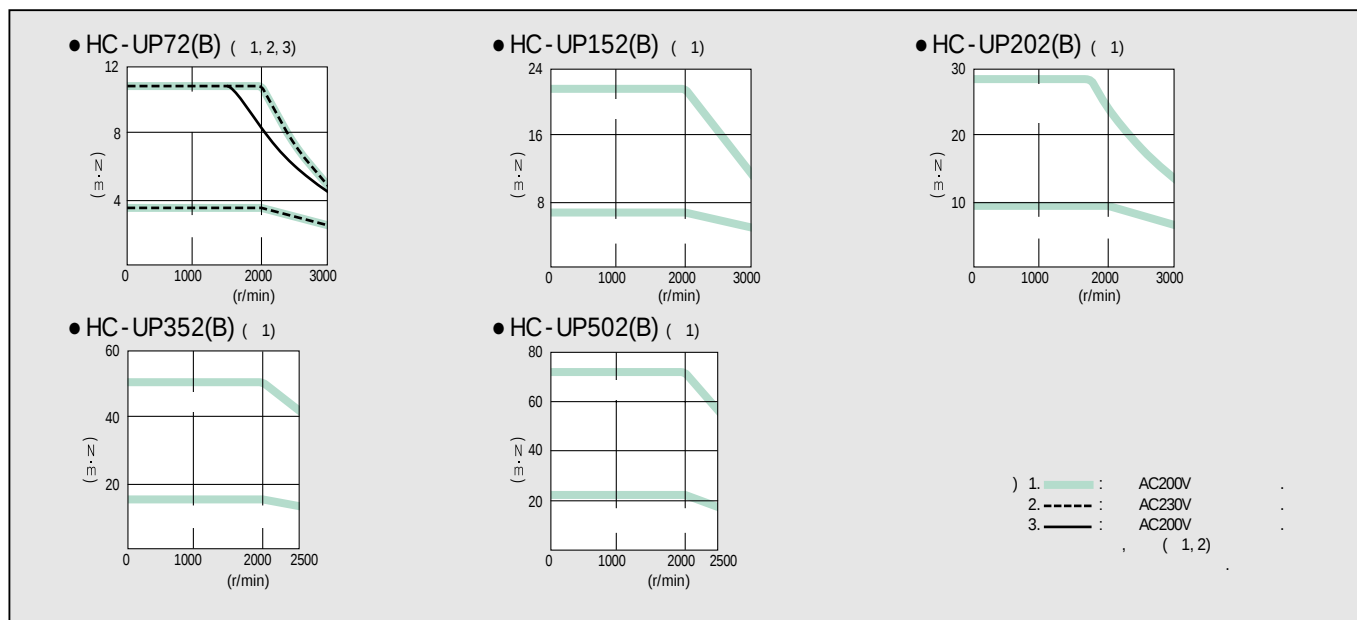
HC-UP

		HC-UP ()				
HC-UP		72 (B)	152 (B)	202 (B)	352 (B)	502 (B)
MR-J3-		70A/B(-RJ006)/T	200A/B(-RJ006)/T	350A/B(-RJ006)/T	500A/B(-RJ006)/T	
	(1)(kVA)	1.3	2.5	3.5	5.5	7.5
	(kW)	0.75	1.5	2.0	3.5	5.0
	(N·m)	3.58	7.16	9.55	16.7	23.9
	(N·m)	10.7	21.6	28.5	50.1	71.6
	(r/min)	2000				
	(r/min)	3000			2500	
	(r/min)	3450			2875	
	(kW/s)	12.3	23.2	23.9	36.5	49.6
	(A)	5.4	9.7	14	23	28
	(A)	16	29	42	69	84
	(2) (/)	53	124	68	44	31
	() B J(×10 ⁻⁴ kg·m ²)	10.4 (12.5)	22.1 (24.2)	38.2 (46.8)	76.5 (85.1)	115 (124)
	(3)	15 (3)				
		18 (1 : 262144p/rev)				
		F				
		(IP65)(4)				
		0~40 (), : -15~70 ()				
		80%RH (가), : 90%RH (가)				
		(), 가 . 가 . 가				
		1000m				
	(5)	X, Y : 24.5m/s ²			X : 24.5m/s ² Y : 49m/s ²	
(kg)	() B	8.0 (10)	11 (13)	16 (22)	20 (26)	24 (30)

1. 가1
2. (m= 가 /) 2' 1/(m+1)
가 (W) 가 (W) 가
()
: <http://www.mitsubishi-automation.co.kr>
가
3.
4.
5. (Bracket)



HC-UP



MELSERVO-J3

A

B

T

		HF - KP, HF - MP					HF - SP 1000r/min					
		053B	13B	23B	43B	73B	51B	81B	121B	201B	301B	421B
		DC24V ^{0%} -10%					DC24V ^{0%} -10%					
(N.m)		0.32	0.32	1.3	1.3	2.4	8.5	8.5	44	44	44	44
(W)at 20		6.3	6.3	7.9	7.9	10	20	20	34	34	34	34
	(J) /	5.6	5.6	22	22	64	400	400	4500	4500	4500	4500
	(J) / Hr	56	56	220	220	640	4000	4000	45000	45000	45000	45000
(1)	(1)	2 (5.6J)	2 (5.6J)	2 (22J)	2 (22J)	2 (64J)	2 (200J)	2 (200J)	2 (1000J)	2 (1000J)	2 (1000J)	2 (1000J)

		HF - SP 2000r/min						
		52B/524B	102B/1024B	152B/1524B	202B/2024B	352B/3524B	502B/5024B	702B/7024B
		DC24V ^{0%} -10%						
(N.m)		8.5	8.5	8.5	44	44	44	44
(W)at 20		20	20	20	34	34	34	34
	(J) /	400	400	400	4500	4500	4500	4500
	(J) / Hr	4000	4000	4000	45000	45000	45000	45000
(1)	(1)	2 (200J)	2 (200J)	2 (200J)	2 (1000J)	2 (1000J)	2 (1000J)	2 (1000J)

		HC - LP					HC - RP				
		52B	102B	152B	202B	302B	103B	153B	203B	353B	503B
		DC24V ^{0%} -10%					DC24V ^{0%} -10%				
(N.m)		8.5	8.5	8.5	44	44	7	7	7	17	17
(W)at 20		19	19	19	34	34	19	19	19	23	23
	(J) /	400	400	400	4500	4500	400	400	400	400	400
	(J) / Hr	4000	4000	4000	45000	45000	4000	4000	4000	4000	4000
(1)	(1)	2 (200J)	2 (200J)	2 (200J)	2 (1000J)	2 (1000J)	2 (200J)	2 (200J)	2 (200J)	2 (200J)	2 (200J)

		HC - UP					HA - LP 1000r/min		
		72B	152B	202B	352B	502B	601B/6014B	801B/8014B	12K1B/12K14B
		DC24V ^{0%} -10%					DC24V ^{0%} -10%		
(N.m)		8.5	8.5	44	44	44	82	160.5	160.5
(W)at 20		19	19	34	34	34	30	46	46
	(J) /	400	400	4500	4500	4500	3000	5000	5000
	(J) / Hr	4000	4000	45000	45000	45000	30000	50000	50000
(1)	(1)	2 (200J)	2 (200J)	2 (1000J)	2 (1000J)	2 (1000J)	2 (1000J)	2 (3000J)	2 (3000J)

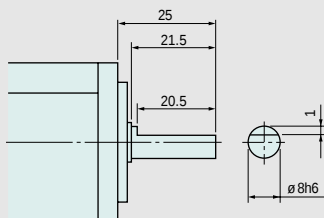
		HA - LP 1500r/min			HA - LP 2000r/min		
		701MB/701M4B	11K1MB/11K1M4B	15K1MB/15K1M4B	11K2B/11K24B	15K2B/15K24B	22K2B/22K24B
		DC24V ^{0%} -10%			DC24V ^{0%} -10%		
(N.m)		82	160.5	160.5	82	160.5	160.5
(W)at 20		30	46	46	30	46	46
	(J) /	3000	5000	5000	3000	5000	5000
	(J) / Hr	30000	50000	50000	30000	50000	50000
(1)	(1)	2 (1000J)	2 (3000J)	2 (3000J)	2 (1000J)	2 (3000J)	2 (3000J)

1. (GAP)
2.

MELSERVO-J3

<HF-KP, HF-MP >

- D- (1) ... 50, 100W

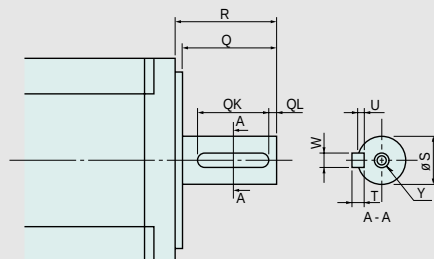


(: mm)

- (Key) ... 200, 400, 750W

	(W)	T	S	R	Q	W	QK	QL	U	Y
HF-KP□K	200, 400	5	14h6	30	27	5	20	3	3	M4 15
HF-MP□K	750	6	19h6	40	37	6	25	5	3.5	M5 20

(1)



(: mm)

HF-SP, HC-LP, HC-RP, HC-UP, HA-LP

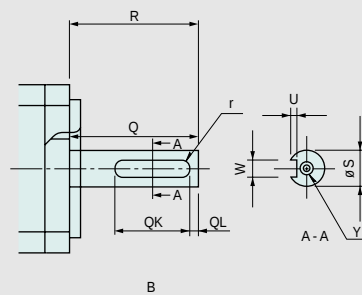
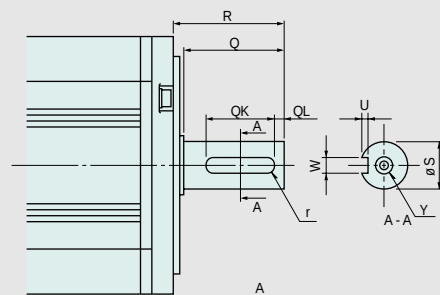
- (Key)

	(kW)	S	R	Q	W	QK	QL	U	r	Y
HF-SP□K	0.5-1.5	24h6	55	50	8 ⁰ _{-0.036}	36	5	4 ^{+0.2} ₀	4	M8 20
HC-LP□K	2.0-7.0	35 ^{+0.01} ₀	79	75	10 ⁰ _{-0.036}	55	5	5 ^{+0.2} ₀	5	M8 20
HC-RP□K	1.0, 1.5, 2.0	24h6	45	40	8 ⁰ _{-0.036}	25	5	4 ^{+0.2} ₀	4	M8 20
	3.5, 5.0	28h6	63	58	8 ⁰ _{-0.036}	53	3	4 ^{+0.2} ₀	4	M8 20
HC-UP□K	0.75	22h6	55	50	6 ⁰ _{-0.036}	42	3	3.5 ^{+0.1} ₀	3	M8 20
	1.5	28h6	55	50	8 ⁰ _{-0.036}	53	3	4 ^{+0.2} ₀	4	M8 20
	2.0, 3.5, 5.0	35 ^{+0.01} ₀	65	60	10 ⁰ _{-0.036}	50	5	5 ^{+0.2} ₀	5	M8 20

(1, 2)

(HA-LP□K)	S	R	Q	W	QK	QL	U	r	Y
601, 6014, 701M, 7014M, 502, 702, 11K2, 11K24	42h6	85	80	12 ⁰ _{-0.04}	70	5	5 ^{+0.2} ₀	6	A
801, 12K1, 8014, 12K14, 11K1M, 15K1M, 11K1M4, 15K1M4, 15K2, 22K2, 15K24, 22K24	55m6	110	100	16 ⁰ _{-0.04}	90	5	6 ^{+0.2} ₀	8	A
15K1, 20K1, 15K14, 20K14, 22K1M, 30K1M, 22K1M4, 30K1M4, 30K2, 37K2, 30K24, 37K24	60m6	140	140	18 ⁰ _{-0.04}	128	6	7 ^{+0.2} ₀	9	B
25K1, 30K1, 25K14, 30K14, 37K1M, 37K1M4, 45K1M4, 45K24, 55K24	65m6	140	140	18 ⁰ _{-0.04}	128	6	7 ^{+0.2} ₀	9	B
37K1, 37K14, 50K1M4	80m6	170	170	22 ⁰ _{-0.04}	147	11	9 ^{+0.2} ₀	11	B

(1, 2)



(: mm)

- 1.
- 2.
3. HF-SP121K 2.0-7.0kW

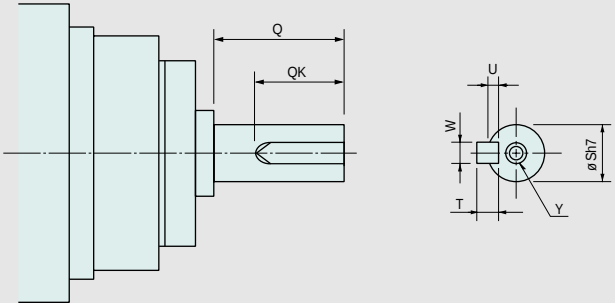
HF - KP□G1 HF - MP□G1() , .

HF - □G7 HC - □G7()
(HF - □G7K HC - □G7K) 가 .

<HF - KP, HF - MP, HF - SP, HC - RP >

● (Key) (1, 2)

		S	Q	W	QK	U	T	Y
HF - KP053G7K HF - MP053G7K	1/5	16	28	5	25	3	5	M4 8
	1/11							
	1/21							
	1/33							
	1/45							
HF - KP13G7K HF - MP13G7K	1/5	25	42	8	36	4	7	M6 12
	1/11							
	1/21							
	1/33							
HF - KP23G7K HF - MP23G7K	1/5	16	28	5	25	3	5	M4 8
	1/11							
	1/21							
	1/33							
	1/45							
HF - KP43G7K HF - MP43G7K	1/5	16	28	5	25	3	5	M4 8
	1/11							
	1/21							
	1/33							
	1/45							
HF - KP73G7K HF - MP73G7K	1/5	25	42	8	36	4	7	M6 12
	1/11							
	1/21							
	1/33							
	1/45							



		S	Q	W	QK	U	T	Y
HF - SP52(4)G7K (3)	1/5	25	42	8	36	4	7	M6 12
	1/11							
	1/21							
	1/33							
	1/45							
HF - SP102(4)G7K (3)	1/5	25	42	8	36	4	7	M6 12
	1/11							
	1/21							
	1/33							
	1/45							
HF - SP152(4)G7K (3)	1/5	25	42	8	36	4	7	M6 12
	1/11							
	1/21							
	1/33							
	1/45							
HF - SP202(4)G7K (3)	1/5	40	82	12	70	5	8	M10 20
	1/11							
	1/21							
	1/33							
	1/45							
HF - SP352(4)G7K (3)	1/5	40	82	12	70	5	8	M10 20
	1/11							
	1/21							
	1/33							
	1/45							
HF - SP502(4)G7K	1/5	50	82	14	70	5.5	9	M10 20
	1/11							
	1/21							
HF - SP702(4)G7K	1/5							

		S	Q	W	QK	U	T	Y
HC - RP103G7K	1/5	25	42	8	36	4	7	M6 12
	1/11							
	1/21							
	1/33							
	1/45							
HC - RP153G7K	1/5	25	42	8	36	4	7	M6 12
	1/11							
	1/21							
	1/33							
	1/45							
HC - RP203G7K	1/5	25	42	8	36	4	7	M6 12
	1/11							
	1/21							
	1/33							
	1/45							
HC - RP353G7K	1/5	40	82	12	70	5	8	M10 20
	1/11							
	1/21							
	1/33							
	1/45							
HC - RP503G7K	1/5	40	82	12	70	5	8	M10 20
	1/11							
	1/21							

) 1.

(Gutter)

2. ()
3. HF - SP2000r/min 400V 0.5kW~3.5kW

4.

G7

(G7)

MELSERVO-J3

(G1)

< >

(W)	HF-KP, HF-MP (3)			HF-SP 2000r/min (4, 5)						
	1/5	1/12	1/20	1/6	1/11	1/17	1/29	1/35	1/43	1/35
50	○(9/44)	○(49/576)	○(25/484)	-	-	-	-	-	-	-
100	○(9/44)	○(49/576)	○(25/484)	-	-	-	-	-	-	-
200	○(19/96)	○(25/288)	○(253/5000)	-	-	-	-	-	-	-
400	○(19/96)	○(25/288)	○(253/5000)	-	-	-	-	-	-	-
500	-	-	-	○	○	○	○	○	○	○
750	○	○(525/6048)	○(625/12544)	-	-	-	-	-	-	-
1000	-	-	-	○	○	○	○	○	○(2)	○(2)
1500	-	-	-	○	○	○	○(2)	○(2)	○(2)	○(2)
2000	-	-	-	○	○	○	○(2)	○(2)	○(2)	○(2)
3500	-	-	-	○(注2)	○(2)	○(2)	○(2)	○(2)	○(2)	○(2)
5000	-	-	-	○(2)	○(2)	○(2)	○(2)	○(2)	○(2)	○(2)
7000	-	-	-	○(2)	○(2)	○(2)	○(2)	○(2)	○(2)	○(2)

1. ○ 가 . (2) 가 가 .
 2. (2) 가 가 .
 3. () 가 .
 4. HF - SP2000r/min G1() G1H()
 5. HF - SP2000r/min 400V 0.5kW~3.5kW

< >

	HF-KP	HF-MP	HF-SP 2000r/min
(1)	45~75%	45~75%	85~94%
			/
	()	()	() (4)
	가	가	가
	60	60	40 ~2,(2)
(3)	50, 100, 750W : 5 200, 400W : 7	25	4
()	4500r/min	4500r/min	3000r/min < > (2)가 2000r/min < > (2)가

1.
 2.
 3.
 4. 가

- (G5)
- (G7)

< >

(W)	HF-KP, HF-MP					HF-SP 2000r/min (2)					HC-RP				
	1/5	1/11	1/21	1/33	1/45	1/5	1/11	1/21	1/33	1/45	1/5	1/11	1/21	1/33	1/45
50	○	○	○	○	○	-	-	-	-	-	-	-	-	-	-
100	○	○	○	○	○	-	-	-	-	-	-	-	-	-	-
200	○	○	○	○	○	-	-	-	-	-	-	-	-	-	-
400	○	○	○	○	○	-	-	-	-	-	-	-	-	-	-
500	-	-	-	-	-	○	○	○	○	○	-	-	-	-	-
750	○	○	○	○	○	-	-	-	-	-	-	-	-	-	-
1000	-	-	-	-	-	○	○	○	○	○	○	○	○	○	○
1500	-	-	-	-	-	○	○	○	○	○	○	○	○	○	○
2000	-	-	-	-	-	○	○	○	○	○	○	○	○	○	○
3500	-	-	-	-	-	○	○	○	-	-	○	○	○	○	-
5000	-	-	-	-	-	○	○	-	-	-	○	○	○	-	-
7000	-	-	-	-	-	○	-	-	-	-	-	-	-	-	-

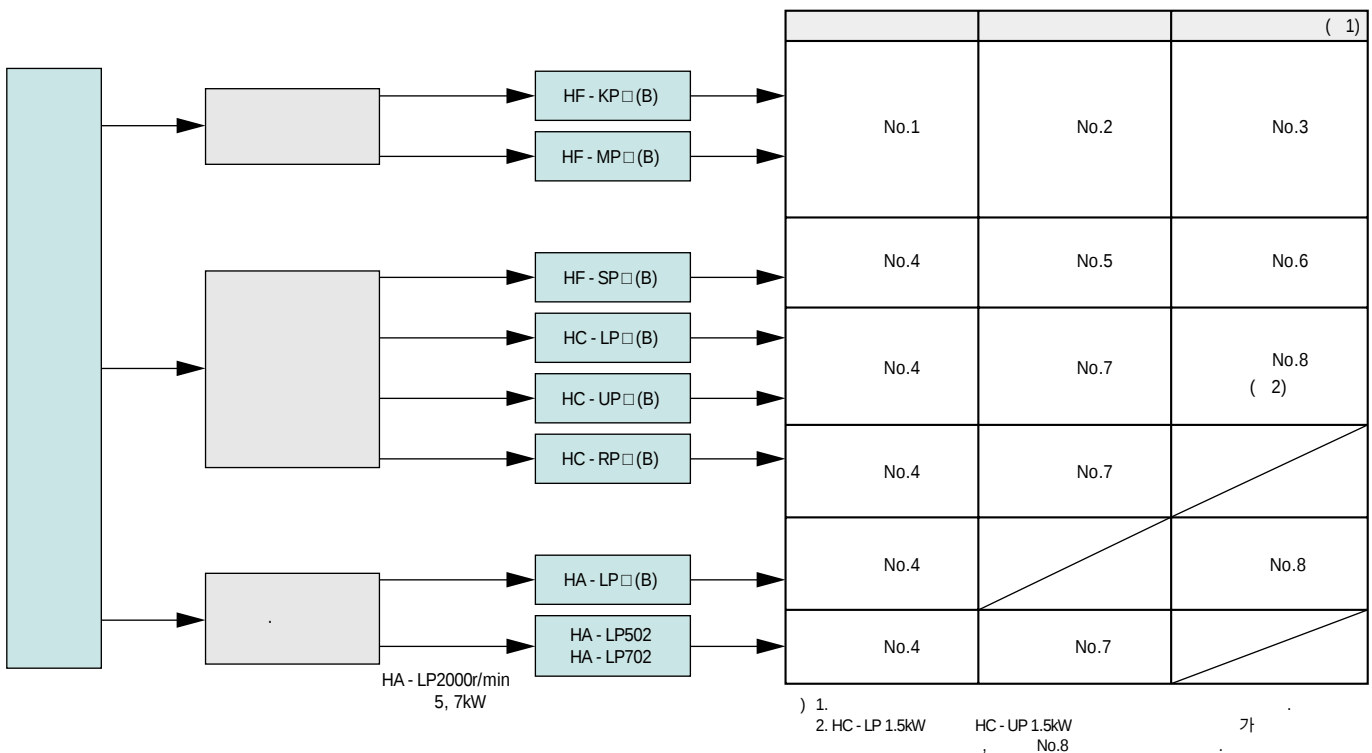
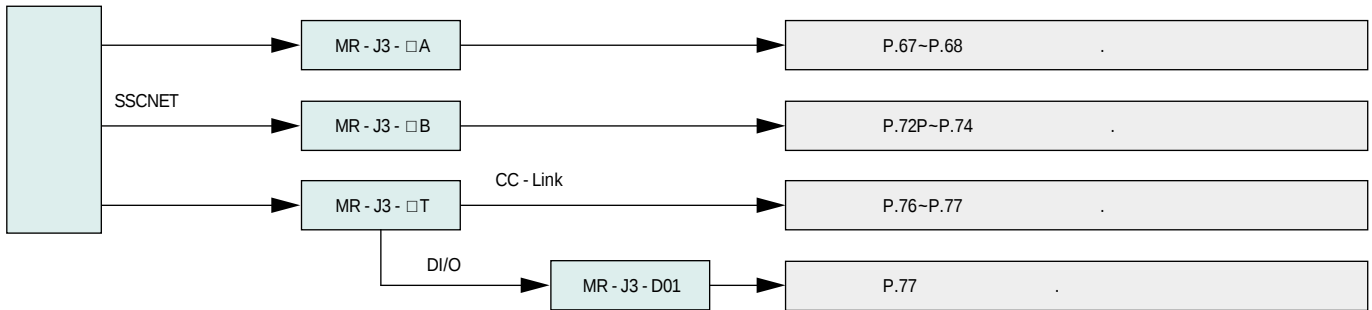
) 1. ○ 가 (2) 가
2. HF-SP2000r/min 400V 0.5kW~3.5kW

< >

	HF-KP	HF-MP	HF-SP 2000r/min	HC-RP
(1)	58~87%(2)	58~87%(2)	77~92%	71~90%
	()	()	()	()
	가	가	가	가
	3	3	3	3
(3)	50, 100, 750W : 10 200, 400W : 14	25	10	5
()	6000r/min	6000r/min	3000r/min	4500r/min

) 1.
2. HF-MP053, HF-KP053 22~41%
3.

MR-J3



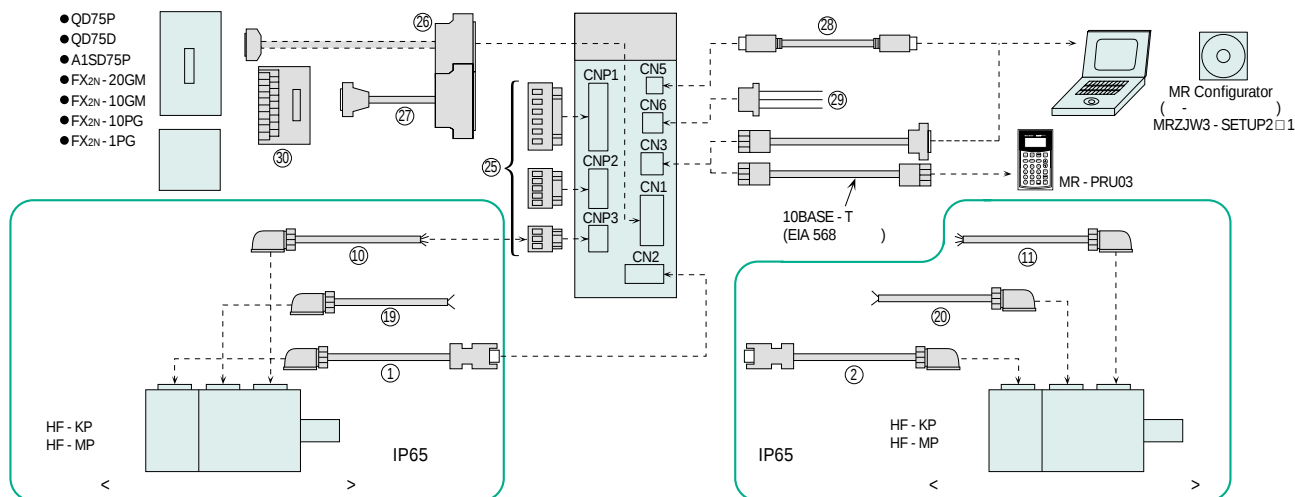
No.							
1	(1)~(8) 1						
	10m ()	IP65		(1)	MR - J3ENCBL□M - A1 - H	P.69	
				(2)	MR - J3ENCBL□M - A1 - L	.	
				(3)	MR - J3ENCBL□M - A2 - H	P.69	
				(4)	MR - J3ENCBL□M - A2 - L	.	
	10m ()	IP20		(5)	2 · MR - J3JCBL03M - A1 - L · MR - EKCBL□M - H	P.69	
				(6)	2 · MR - J3JCBL03M - A1 - L · MR - EKCBL□M - L	.	
				(7)	2 · MR - J3JCBL03M - A2 - L · MR - EKCBL□M - H	P.69	
				(8)	2 · MR - J3JCBL03M - A2 - L · MR - EKCBL□M - L	.	
	2	(1)~(6) 1					
10m ()		IP65		(1)	MR - PWS1CBL□M - A1 - H	P.69	
				(2)	MR - PWS1CBL□M - A1 - L	.	
				(3)	MR - PWS1CBL□M - A2 - H	P.69	
				(4)	MR - PWS1CBL□M - A2 - L	.	
10m ()		IP55		(5)	MR - PWS2CBL03M - A1 - L ()	P.69	
				(6)	MR - PWS2CBL03M - A2 - L ()	P.69	
3		(1)~(6) 1					
		10m ()	IP65		(1)	MR - BKS1CBL□M - A1 - H	P.70
					(2)	MR - BKS1CBL□M - A1 - L	.
	(3)				MR - BKS1CBL□M - A2 - H	P.70	
	(4)				MR - BKS1CBL□M - A2 - L	.	
	10m ()	IP55		(5)	MR - BKS2CBL03M - A1 - L ()	P.70)	
				(6)	MR - BKS2CBL03M - A2 - L ()	P.70)	
	4	(1) (2) 1					
		IP67		(1)	MR - J3ENSCBL□M - H	P.69	
	(2)			MR - J3ENSCBL□M - L	.		
5	(1)~(3) 1						
	IP67	HF - SP51, 81 HF - SP52(4), 102(4), 152(4)	(1)	MR - PWCNS4 ()	P.70		
		HF - SP121, 201, 301 HF - SP202(4), 352(4), 502(4)	(2)	MR - PWCNS5 ()	P.70		
		HF - SP421, 702(4)	(3)	MR - PWCNS3 ()	P.70		
6					MR - BKCNS1 ()	.	
7	(1)~(3) 1						
	IP65, IP67	HC - LP52, 102, 152 HC - RP103, 153, 203 HC - UP72, 152	(1)	MR - PWCNS1 ()	P.70		
		HC - LP202, 302 HC - RP353, 503 HC - UP202, 352, 502 HA - LP502	(2)	MR - PWCNS2 ()	P.70		
		HA - LP702	(3)	MR - PWCNS3 ()	P.70		
8					MR - BKCNS ()	.	

MELSERVO-J3

(MR-J3-A)

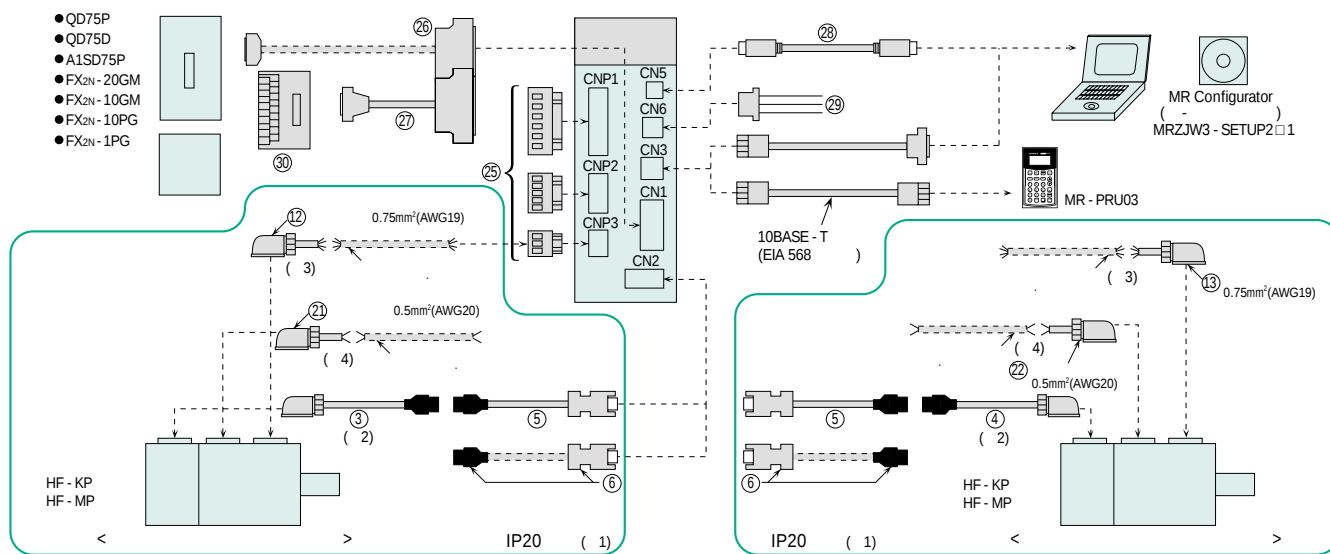
< HF-KP, HF-MP

10m



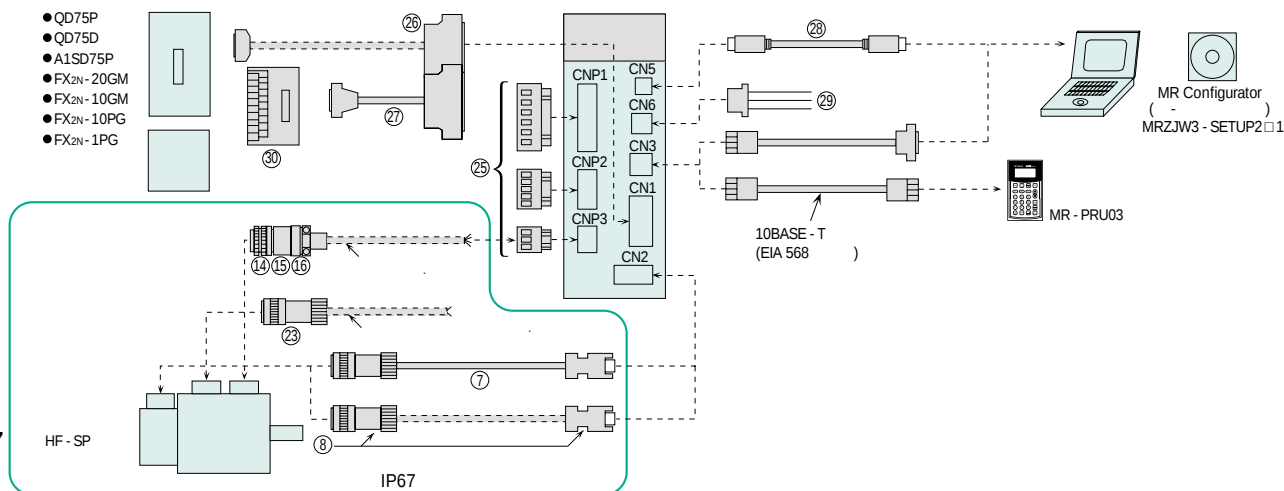
< HF-KP, HF-MP

10m

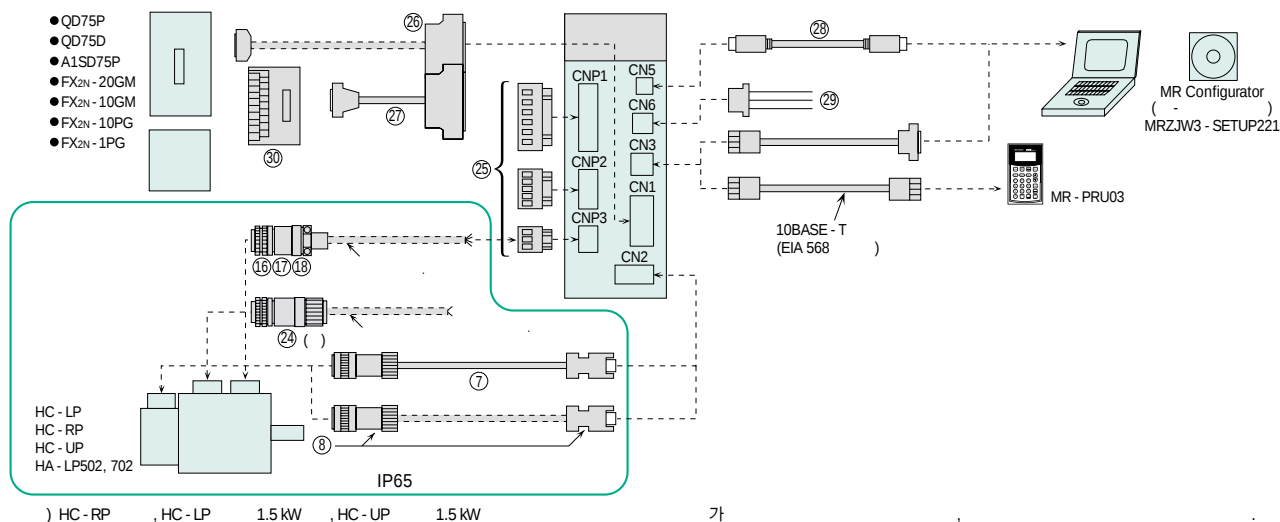


- | | | |
|--------|---------------------------|-------------------------------------|
| 1. | IP20 | IP65 |
| 2. | | |
| 3. 10m | | MR - PWS2CBL03M - A1 - L / - A2 - L |
| | [®] MR - J3 - □A | [®] |
| 4. 10m | | MR - BKS2CBL03M - A1 - L / - A2 - L |
| | [®] MR - J3 - □A | [®] |

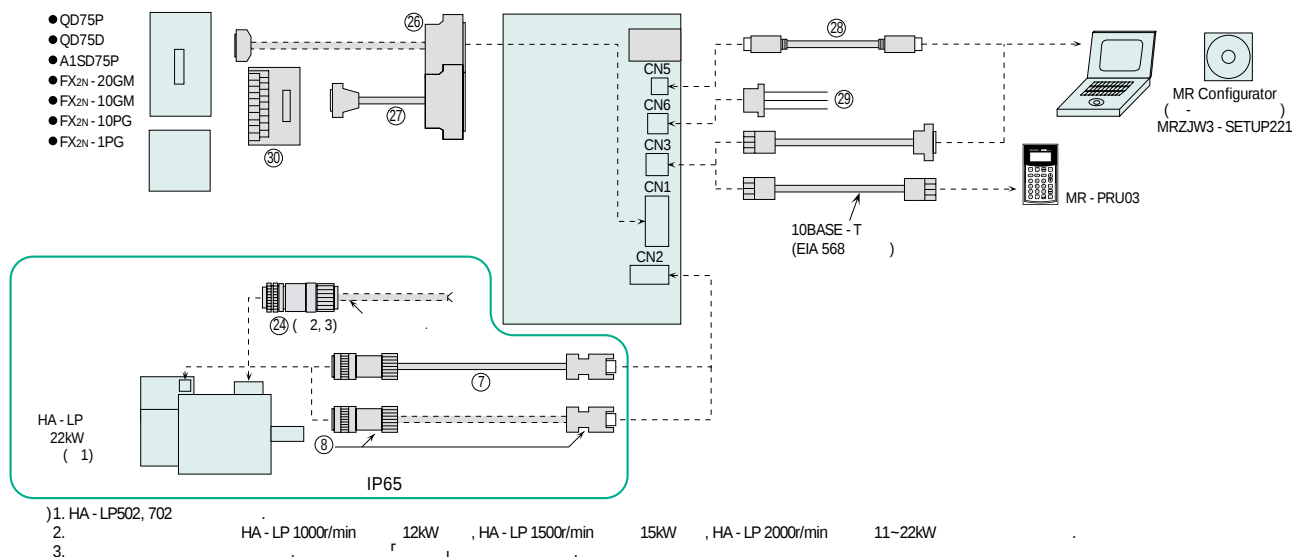
< HF-SP



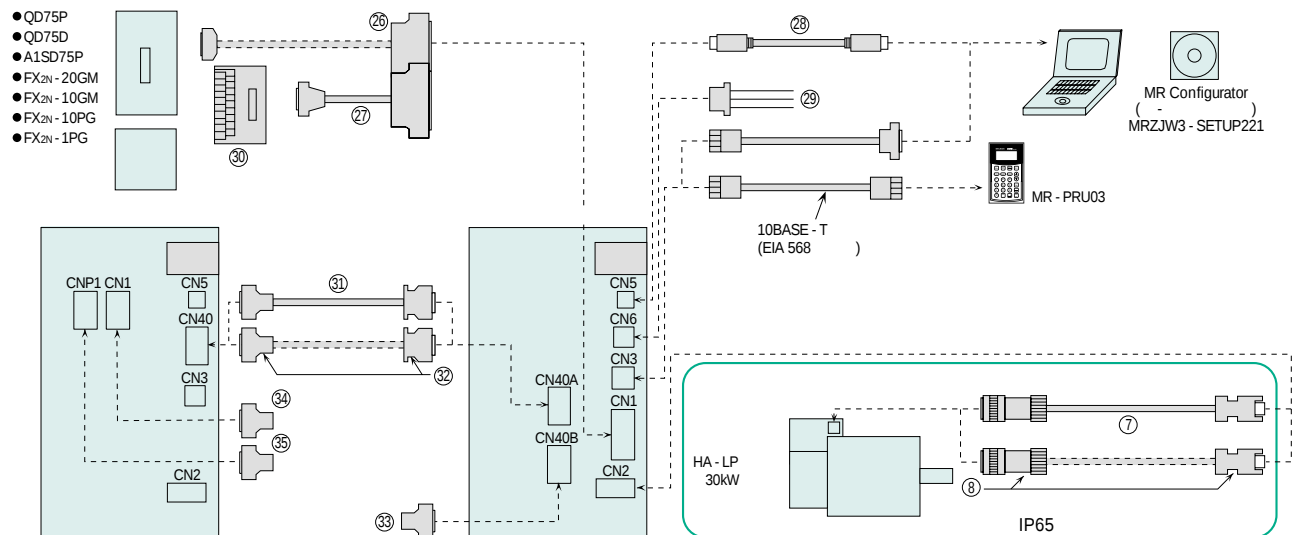
< HC-LP, HC-RP, HC-UP , HA-LP502, 702 >



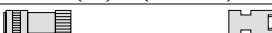
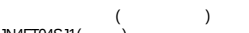
< HA-LP 22kW (1) >



< HA-LP 30kW >



(MR-J3-A)

C N 2	10m ()	HF - KP, HF - MP	MR - J3ENCBL□M - A1 - H □ : 2, 5, 10m (1)	IP65	 1674320 - 1 36210 - 0100PL(, 3M) 36310 - 3200 - 008(, 3M) 54599 - 1019(, Molex)	
			MR - J3ENCBL□M - A1 - L □ : 2, 5, 10m (1)	IP65		
		HF - KP, HF - MP	MR - J3ENCBL□M - A2 - H □ : 2, 5, 10m (1)	IP65		
			MR - J3ENCBL□M - A2 - L □ : 2, 5, 10m (1)	IP65		
	10m ()	HF - KP, HF - MP	MR - J3JCBLO3M - A1 - L 0.3m (1)	IP20	 1674320 - 1 1473226 - 1((AMP)) 1 - 172169 - 9() 316454 - 1()	
			MR - J3JCBLO3M - A2 - L 0.3m (1)	IP20		
		HF - KP, HF - MP	MR - EKCBL□M - H □ : 20, 30, 40, 50m (1)	IP20		 1 - 172161 - 9() 170359 - 1() MTI - 0002() 36210 - 0100PL(, 3M) 36310 - 3200 - 008(, 3M) 54599 - 1019(, Molex)
			MR - EKCBL□M - L □ : 20, 30m (1)	IP20		
	10m ()	HF - KP, HF - MP (2)	MR - ECNM	IP20	 1 - 172161 - 9() 170359 - 1() MTI - 0002() 54599 - 1019(, Molex) 36210 - 0100PL(, 3M) 36310 - 3200 - 008(, 3M) < : 0.3mm(AWG22) > : ø 8.2mm (91529 - 1)7†	
	HF - SP, HC - LP, HC - RP, HC - UP HA - LP	MR - J3ENSCBL□M - H □ : 2, 5, 10, 20, 30, 40, 50m	IP67	 36210 - 0100PL(, 3M) 36310 - 3200 - 008(, 3M) 54599 - 1019(, Molex)		
		MR - J3ENSCBL□M - L □ : 2, 5, 10, 20, 30m (1)	IP67			
	HF - SP, HC - LP, HC - RP, HC - UP HA - LP	MR - J3SCNS	IP67	 <10m (DDK) > CM10 - SP10S - M() CM10 - # 22SC(C1) - 100() <10m (DDK) > CM10 - SP10S - M() CM10 - # 22SC(S1) - 100() < : 0.5mm(AWG20) > : ø 6.0~9.0mm 36210 - 0100PL(, 3M) 36310 - 3200 - 008(, 3M) 54599 - 1019(, Molex)		
			MR - J3BTCBL03M 0.3m (4)	-	 CN2 (3M) 36210 - 0100PL() 36310 - 3200 - 008() DF3 - 2EP - 2C() DF3 - EP2428PCA() 2 (3M) 36110 - 3000FD() 36310 - F200 - 008()	
	1	10m ()	HF - KP, HF - MP	MR - PWS1CBL□M - A1 - H □ : 2, 5, 10m (1)	IP65	 JN4FT04SJ1() ST - TMH - S - C1B - 100 - (A534G)()
MR - PWS1CBL□M - A1 - L □ : 2, 5, 10m (1)				IP65		
HF - KP, HF - MP			MR - PWS1CBL□M - A2 - H □ : 2, 5, 10m (1)	IP65		
			MR - PWS1CBL□M - A2 - L □ : 2, 5, 10m (1)	IP65		
10m ()		HF - KP, HF - MP	MR - PWS2CBL03M - A1 - L 0.3m (1)	IP55		
		HF - KP, HF - MP	MR - PWS2CBL03M - A2 - L 0.3m (1)	IP55		

1. -H, -L
2. MR - J3
3. CN2 Molex
4. (MR - J3BTCBL03M) : 54599 - 1019()

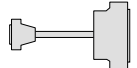
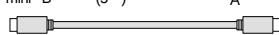
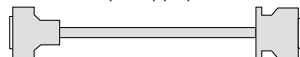
			HF - SP51, 81 HF - SP52, 102, 152	MR - PWCNS4 ()	IP67	 (DDK) CE05 - 6A18 - 10SD - B - BSS() () CE3057 - 10A - 1 - D() > : 2mm(AWG14)~3.5mm(AWG12) > : ø 10.5~14.1mm
			HF - SP121, 201, 301 HF - SP202, 352, 502	MR - PWCNS5 ()	IP67	 (DDK) CE05 - 6A22 - 22SD - B - BSS() () CE3057 - 12A - 1 - D() > : 5.5mm(AWG10)~8mm(AWG8) > : ø 12.5~16mm
			HF - SP421, 702 HA - LP702	MR - PWCNS3 ()	IP67	 (DDK) CE05 - 6A32 - 17SD - B - BSS() () CE3057 - 20A - 1 - D() > : 14mm(AWG6)~22mm(AWG4) > : ø 22~23.8mm
			HC - LP52, 102, 152 HC - RP103, 153, 203 HC - UP72, 152	MR - PWCNS1 ()	IP65	 (DDK) CE05 - 6A22 - 23SD - B - BSS() () CE3057 - 12A - 2 - D() > : 2mm(AWG14)~3.5mm(AWG12) > : ø 9.5~13mm
			HC - LP202, 302, HC - RP353, 503 HC - UP202, 352, 502 HA - LP502	MR - PWCNS2 ()	IP65	 (DDK) CE05 - 6A24 - 10SD - B - BSS() () CE3057 - 16A - 2 - D() > : 5.5mm(AWG10)~8mm(AWG8) > : ø 13~15.5mm
		10m ()	HF - KP, HF - MP	MR - BKS1CBL□M - A1 - H □ : 2, 5, 10m (1)	IP65	 JN4FT02SJ1() () ST - TMH - S - C1B - 100 - (A534G)()
				MR - BKS1CBL□M - A1 - L □ : 2, 5, 10m (1)	IP65	
			HF - KP, HF - MP	MR - BKS1CBL□M - A2 - H □ : 2, 5, 10m (1)	IP65	
				MR - BKS1CBL□M - A2 - L □ : 2, 5, 10m (1)	IP65	
		10m ()	HF - KP, HF - MP	MR - BKS2CBL03M - A1 - L 0.3m (1)	IP55	
			HF - KP, HF - MP	MR - BKS2CBL03M - A2 - L 0.3m (1)	IP55	
		)	HF - SP	MR - BKCNS1 ()	IP67	 (DDK) CM10 - SP2S - L - S2() () CM10 - #22SC(S2) - 100() > : 1.25mm(AWG16) > : ø 9.0~11.6mm
		)	HC - LP202B, 302B HC - UP202B, 352B, 502B HA - LP601B, 801B, 12K1B, 6014B, 8014B, 12K14B HA - LP701MB, 11K1MB, 15K1MB, 11K1M4B, 15K1M4B HA - LP11K2B, 15K2B, 22K2B, 11K24B, 15K24B, 22K24B	MR - BKCNS ()	IP65	 D/MS3106A10SL - 4S D190 (, DDK) YSO10 - 5~8 (, 大和電業) > : 0.3mm(AWG22)~1.25mm(AWG16) > : ø 5~8.3mm
	CNP1 CNP2 CNP3	)	1kW (200V/400V)	(:)	-	 CNP1 54928 - 0610() (Molex) > (2) > : 0.14mm(AWG26)~2.5mm(AWG14) > : ~ ø 3.8mm
			2kW, 3.5kW (200V)			 CNP2 54927 - 0510() (Molex) > (2) > : 0.2mm(AWG24)~5.5mm(AWG10) > : ~ ø 5mm
			2kW, 3.5kW (400V)			 CNP3 721 - 207/026 - 000() () > (2) > : 0.8mm(AWG28)~2mm(AWG14) > : ~ ø 4.1mm

1. -H, -L
2.
3.

3.5kW

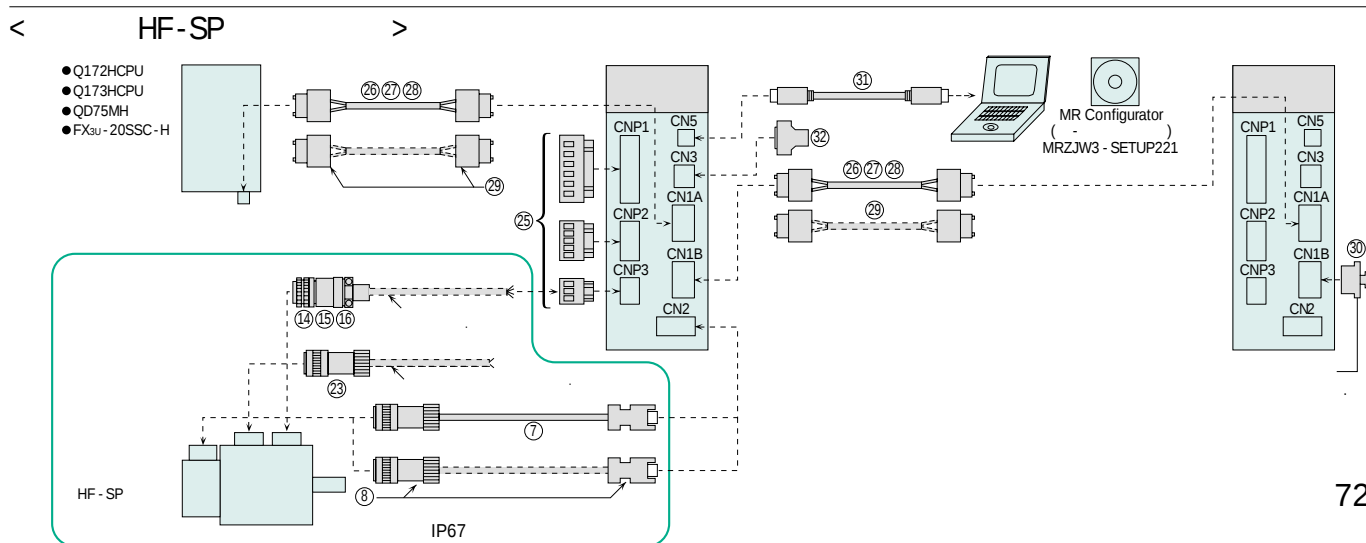
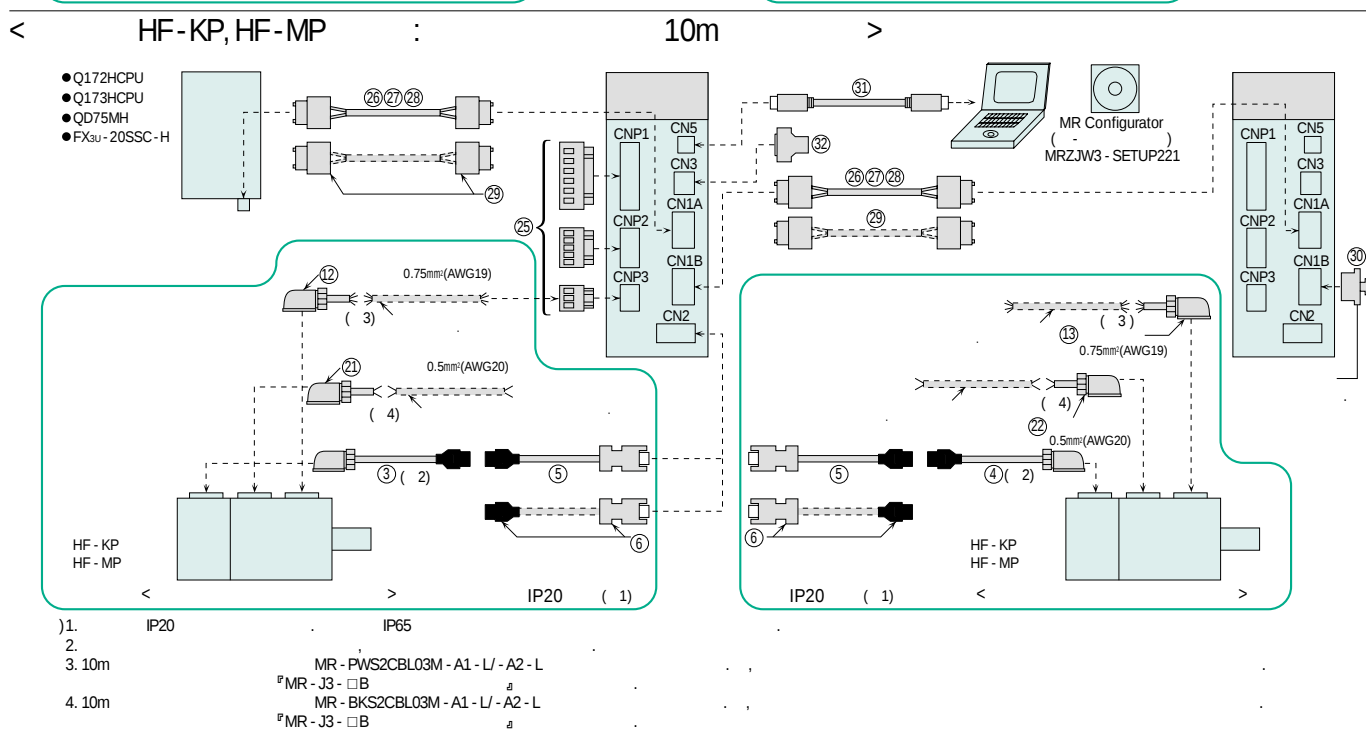
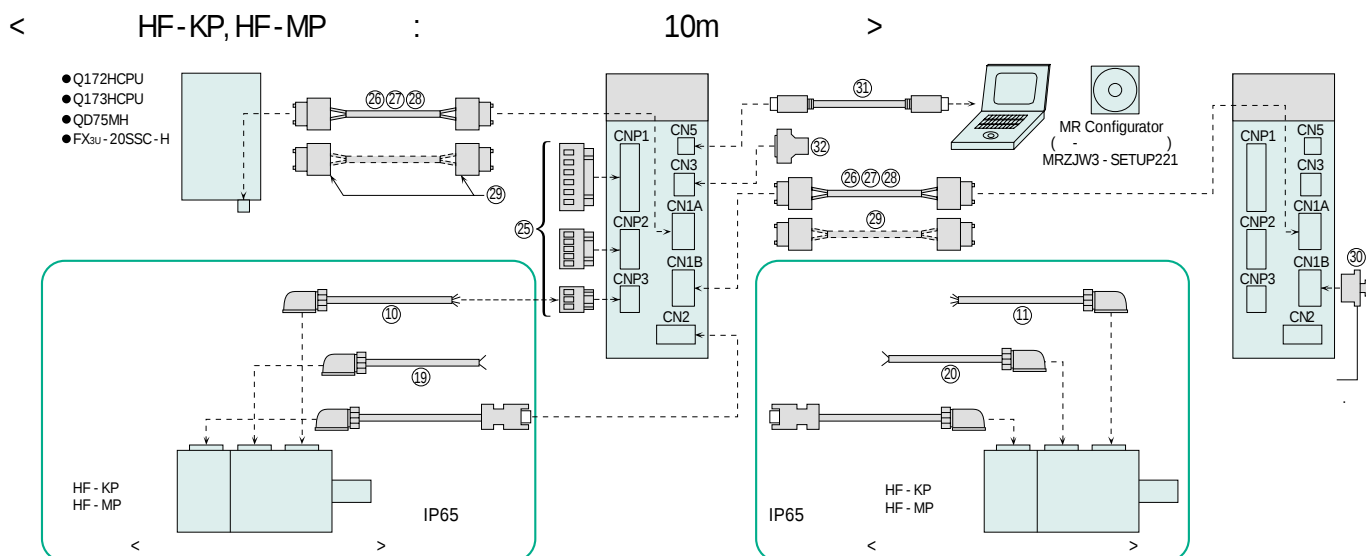
5kW

MELSERVO-J3

CN1	)	CN1	MR - J3CN1	-	 (3M) 10150 - 3000PE() 10350 - 52F0 - 008()
	)		MR - J2M - CN1TBL□M □ : 0.5, 1m	-	D7950 - B500FL((3M))  (3M) 10150 - 6000EL() 10350 - 3210 - 000() (1)
CN5	)	PC	USB	MR - J3USBCBL3M 3m	- mini - B (5)  PC A
CN6	)			MR - J3CN6CBL1M 1m	-  (Molex) 51004 - 0300() 50011 - 8100()
	)			MR - TB50	- 
40ZC	③①		MR - J3CDL05M 0.5m	-	(3M) 10120 - 3000PE() 10320 - 52F0 - 008() (2)  PCR - S20FS() PCR - LS20LA1()
	③②		MR - J2CN1 - A	-	(3M) 10120 - 3000PE() 10320 - 52F0 - 008() (2)   PCR - S20FS() PCR - LS20LA1()
40ZC	③③		MR - J3 - TM	-	
	③④	(CN1)	()	-	 (()) 17JE23090 - 02(DBA)K11 - CG()
	③⑤	(CNP1)	()	-	 (PHOENIX) GMSTBV 2.5/2 - GF - 7.62()

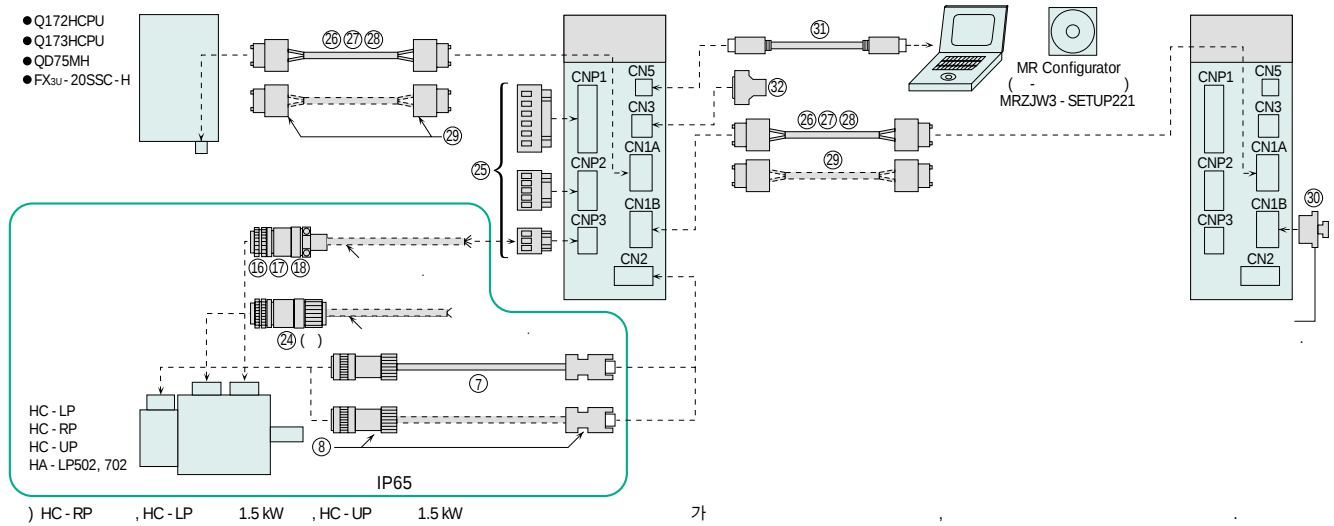
1. , 10150 - 3000PE(), 10350 - 52 F0 - 008()가
 2. , 10120 - 6000EL(), 10320 - 3210 - 000()가

(MR-J3-B)

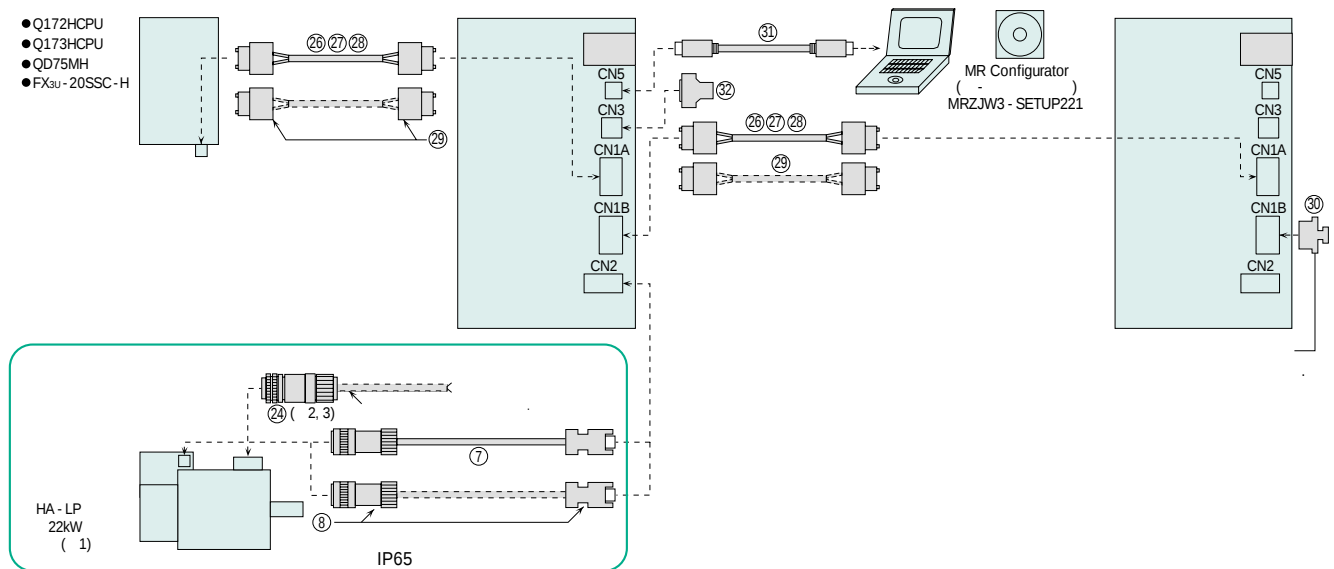


MELSERVO-J3

< HC-LP, HC-RP, HC-UP , HA-LP502, 702 >



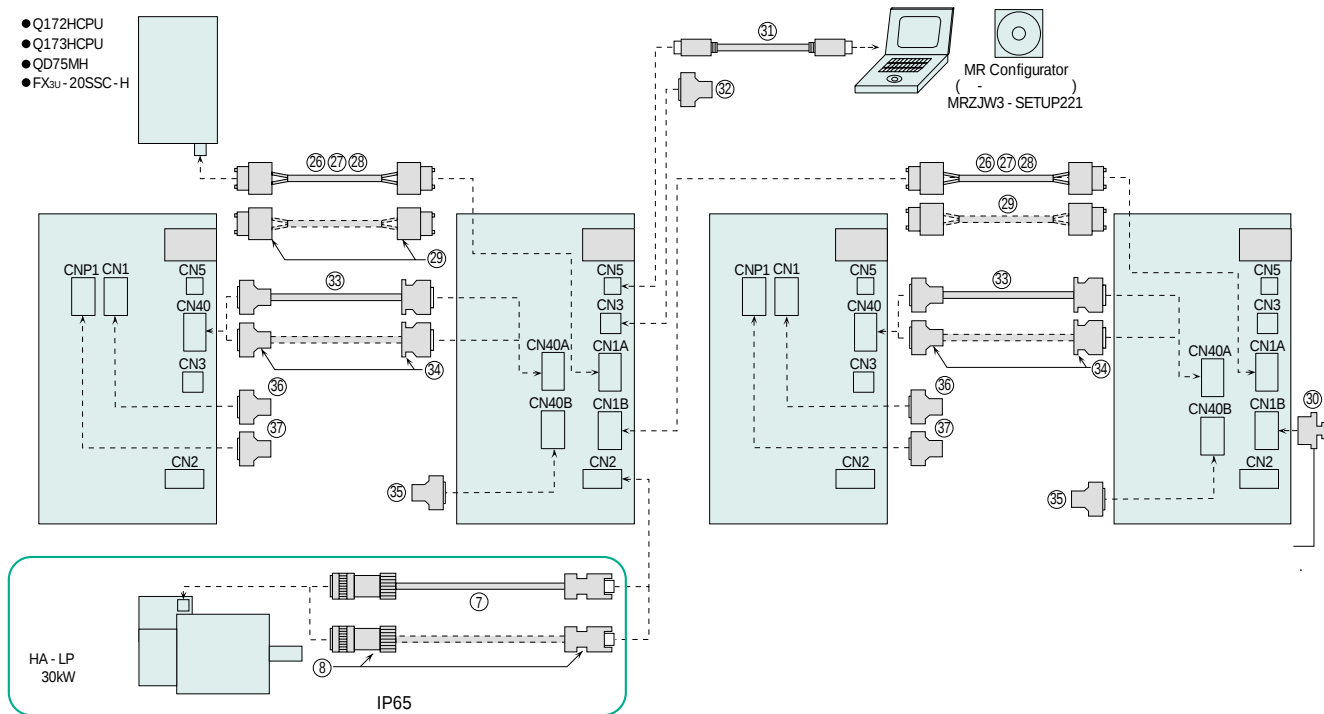
< HA-LP 22kW (1) >



1. HA-LP502, 702
2. HA-LP 1000r/min 12kW , HA-LP 1500r/min 15kW , HA-LP 2000r/min 11~22kW
3.

< HA-LP 30kW >

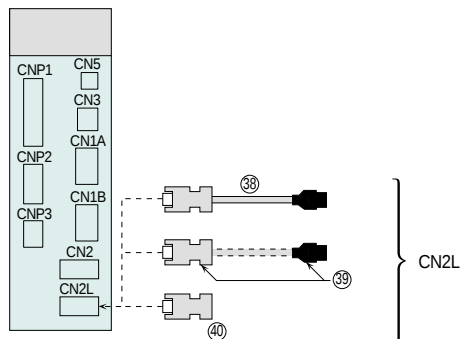
- Q172HCPU
- Q173HCPU
- QD75MH
- FX3U-20SSC-H



<MR-J3-□B-RJ006
CN2L >

P.72, 73 「●

(MR-J3-B)」



「MR-J3-□B-RJ006

MELSERVO-J3

(MR-J3-B)

~)

, MR-J3-A

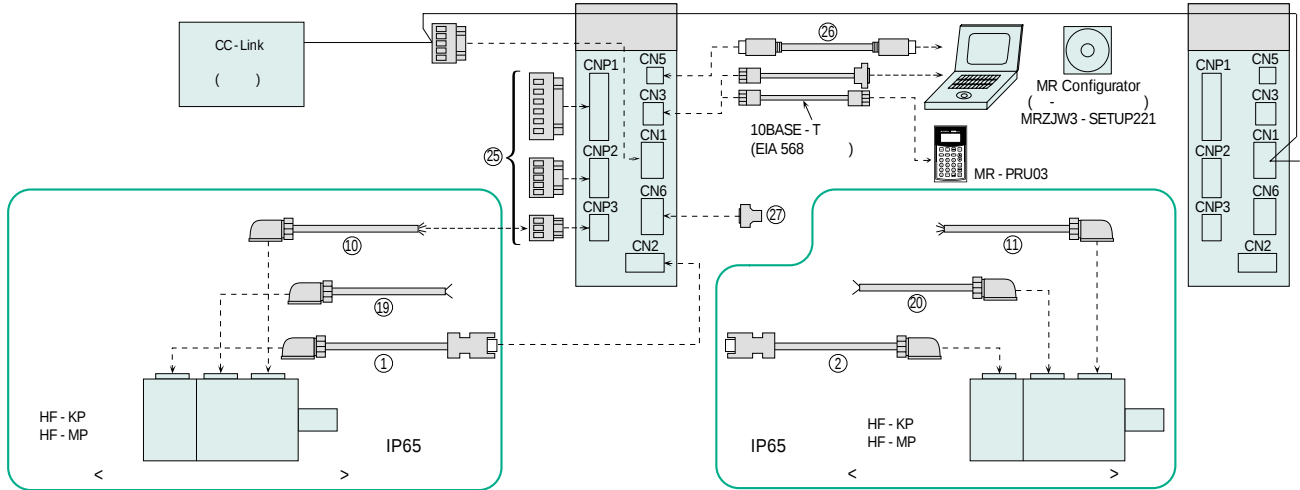
P.69, 70 ~)

C N 1 A, C N 1 B	)	SSCNET ()		MR - J3BUS□M □ : 0.15, 0.3, 0.5, 1, 3m	-	PF - 2D103() PF - 2D103()		)
	)	SSCNET ()		MR - J3BUS□M - A □ : 5, 10, 20m	-			
	)	SSCNET () (2)		MR - J3BUS□M - B □ : 30, 40, 50m	-	CF - 2D103 - S() CF - 2D103 - S() 		
	)	SSCNET		MR - J3BCN1 (3)	-	PF - 2D103() PF - 2D103()		
C N 1 B	)	SSCNET		()	-			
C N 5	③①	PC	USB	MR - J3USBCBL3M 3m	-	mini - B (5) PC A) SSCNET		
C N 3	③②			MR - CCN1	-	(3M) 10120 - 3000VE() 10320 - 52FO - 008() (1)		
4 C N C 40	③③			MR - J3CDL05M 0.5m	-	(3M) 10120 - 3000PE() 10320 - 52FO - 008() (1) PCR - S20FS() () PCR - LS20LA1()		
	③④			MR - J2CN1 - A	-	(3M) 10120 - 3000PE() 10320 - 52FO - 008() (1) PCR - S20FS() () PCR - LS20LA1()		
4 C N C	③⑤			MR - J3 - TM	-			
	③⑥	(CN1)		()	-	(()) 17JE23090 - 02(D8A)K11 - CG()		
	③⑦	(CNP1)		()	-	(PHOENIX) GMSTBV 2.5/2 - GF - 7.62()		
C N 2 L	③⑧	CN2L		MR - EKCBL□M - H □ 2, 5, 10m	IP20	36210 - 0100PL(, 3M) 36310 - 3200 - 008(, 3M) 54599 - 1019(, Molex) 1 - 172161 - 9() 170359 - 1() MTI - 0002(, ())		
	③⑨	CN2L		MR - ECNM	IP20	54599 - 1019(, Molex) 36210 - 0100PL(, 3M) 36310 - 3200 - 008(, 3M) 1 - 172161 - 9() 170359 - 1() MTI - 0002(, ()) < : 0.3mm(AWG22) : ø8.2mm (91529 - 1)†		
	④⑩	CN2L		MR - J3CN2	-	36210 - 0100PL(, 3M) 36310 - 3200 - 008(, 3M) 54599 - 1019(, Molex)		

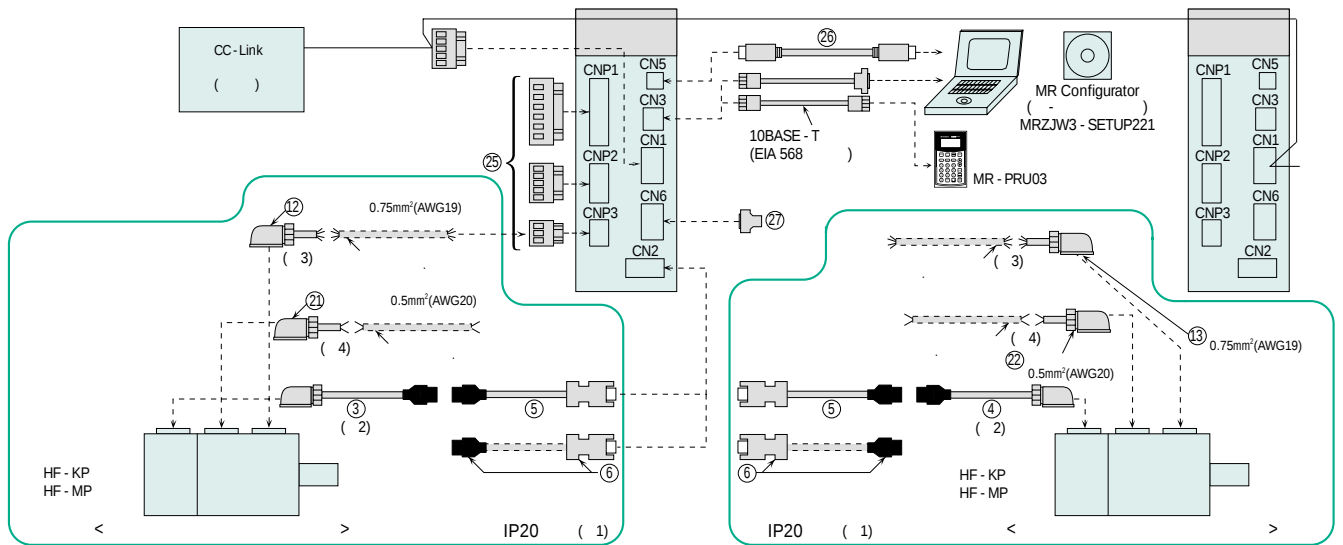
1. 10120-6000EL(), 10320-3210-000()가
2. 30m
3. 가

(MR-J3-T)

< HF-KP, HF-MP : 10m >

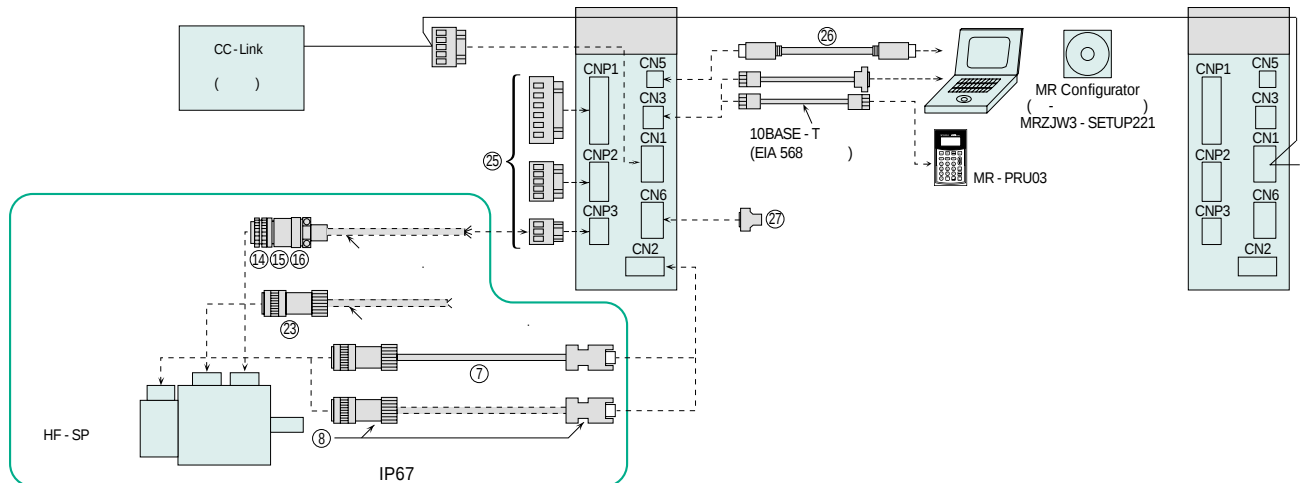


< HF-KP, HF-MP : 10m >



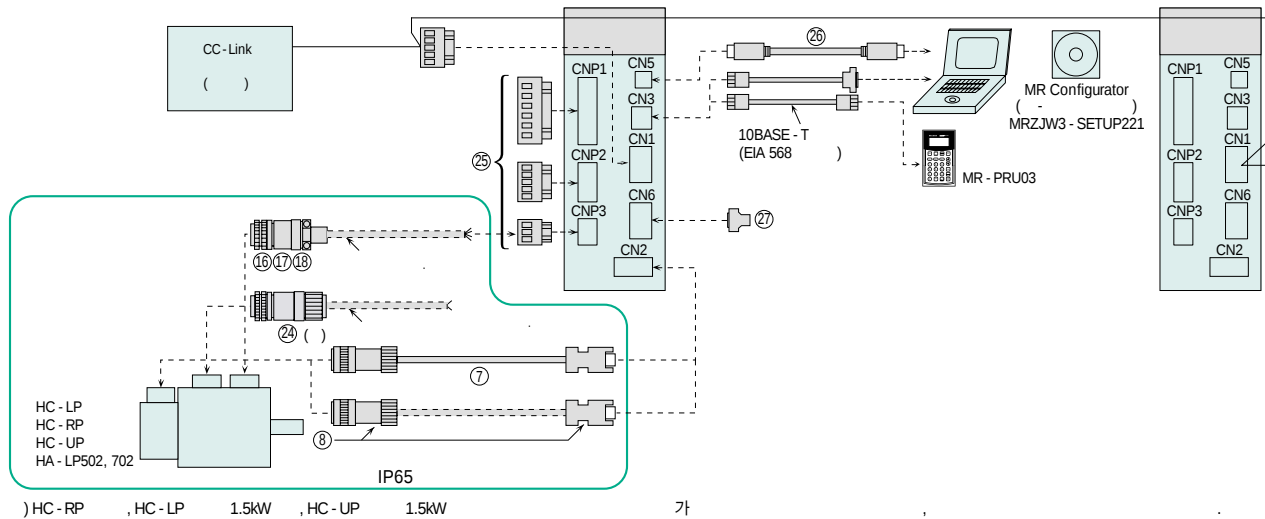
- 1. IP20
 - 2. IP65
 - 3. 10m
 - 4. 10m
- MR-PWS2CBL03M-A1-L/A2-L
 MR-J3-□A
 MR-BKS2CBL03M-A1-L/A2-L
 MR-J3-□A

< HF-SP >

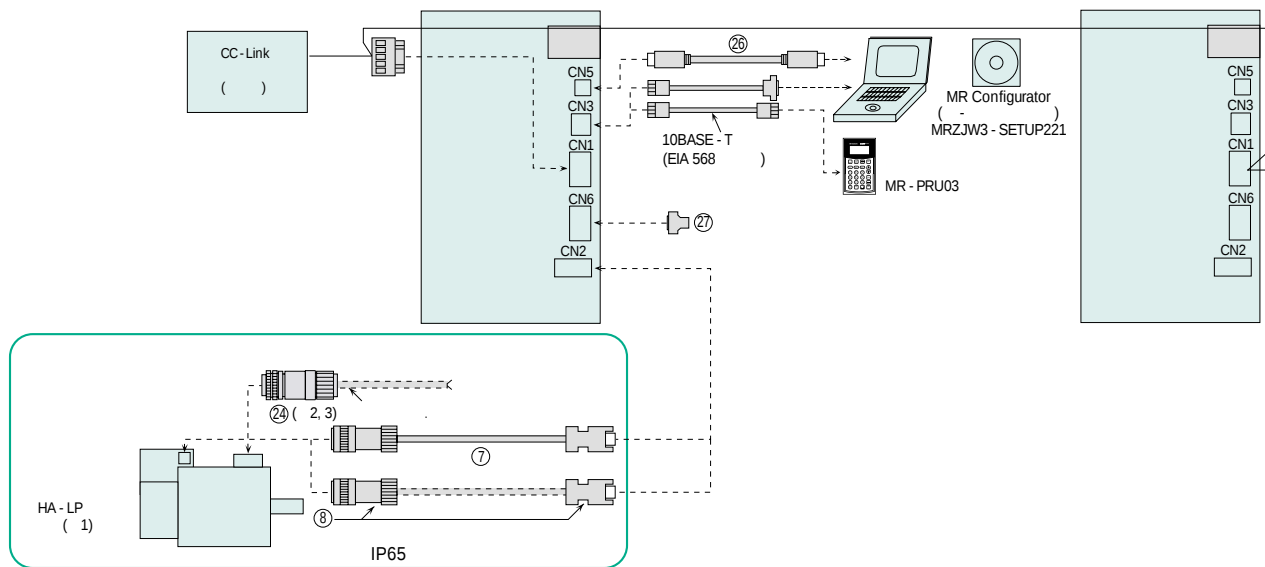


MELSERVO-J3

< HC-LP, HC-RP, HC-UP , HA-LP502, 702 >

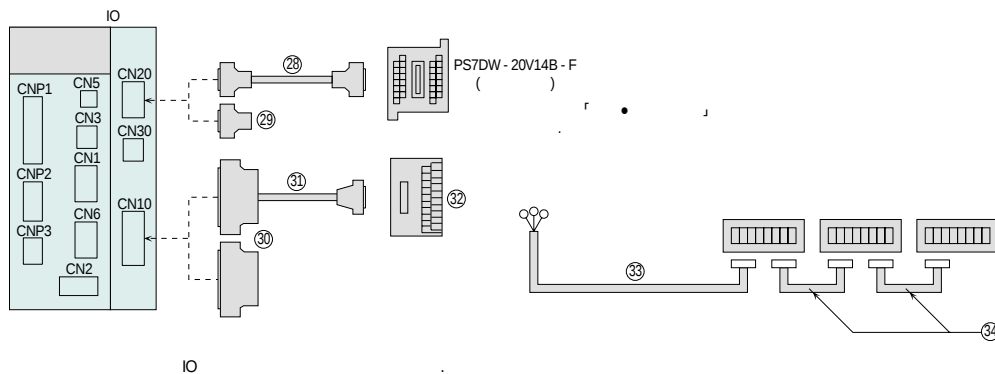


< HA-LP (1) >



1. HA-LP502, 702
 2. HA-LP 1000r/min 12kW, HA-LP 1500r/min 15kW, HA-LP 2000r/min 11~22kW
 3.

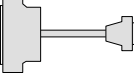
< IO MR-J3-D01 () >



● , (MR-J3-B)
 ~)

, MR-J3-A

P.69, 70 ~)

CNC 5	②6	PC USB	MR-J3USBCBL3M 3m	-	mini-B (5) PC A 
CNC 6	②7	CN6	MR-J2CMP2	-	(3M) 10126 - 3000PE() 10326 - 52F0 - 008() 
CNC 20	②8		MR-J2HBUS□M □ 0.5, 1.5m	-	(3M) 10120 - 6000EL() 10320 - 3210 - 000() (1) 10120 - 6000EL((3M)) 10320 - 3210 - 000() (1) 
	②9		MR-CCN1	-	(3M) 10120 - 3000PE() 10320 - 52F0 - 008() (2) 
CNC 10	③0		MR-J3CN1	-	(3M) 10150 - 3000PE() 10350 - 52F0 - 008() 
	③1		MR-J2M - CN1TBL□M □ 0.5, 1m	-	(3M) 10150 - 6000EL() 10350 - 3210 - 000() (3)  D7950 - B500EL((3M))
	③2		MR-TB50	-	
	③3	(MR-DS60 - MR-J3-D01)	MR-DSCBL□M - G □ 3, 5, 10m	-	
	③4	(MR-DS60 - MR-DS60)	MR-DSCBL□ □ 25, 100cm	-	

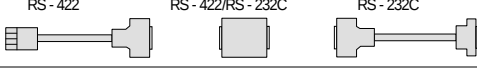
-) 1. , 10120 - 3000PE(), 10320 - 52F0 - 008()가
 2. , 10120 - 6000EL(), 10320 - 3210 - 000()가
 3. , 10150 - 3000PE(), 10350 - 52F0 - 008()가

T

MELSERVO-J3

가 .

● PC

RS - 422/RS - 232C	FA - T - RS40VS	-		:	()
	DSV - CABV	-		:	()

● RS-422

RS - 422	TM10P - 88P	-		:	()
----------	-------------	---	---	---	-----

● RS-422 ()

RS - 422	BMJ - 8	-		:	()
----------	---------	---	---	---	-----

● CC-Link

CC - Link	FANC - 110SBH	-		:	()
-----------	---------------	---	---	---	-----

● () ... 1kW

CNP1	51241 - 0600() 56125 - 0118()	-		:	()	: 0.75mm(AWG18)~ 2.5mm(AWG14) : - ø 3.8mm (CNP57349 - 5300)가
CNP2	51240 - 0500() 56125 - 0118()	-		:	()	
CNP3	51241 - 0300() 56125 - 0118()	-		:	()	

● <HF - KP, HF - MP >

	1674320 - 1	IP65		:	()	: 0.14mm(AWG26)~ 0.3mm(AWG22) : Ø7.1±0.3mm : 1596970 - 1() 1596847 - 1()
CN2 (1)	54599 - 1019()	-		:	()	

<HF - SP, HC - LP, HC - RP, HC - UP, HA - LP >

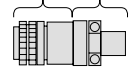
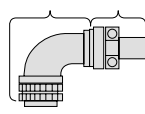
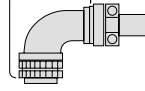
		CM10-SP10S-M	CM10-#22SC(C1)-100	IP67		: ()	0.3mm(AWG22)~0.5mm(AWG20) (357J-50446)가	ø 6.0~9.0mm
			CM10-#22SC(C2)-100				0.08mm(AWG28)~0.25mm(AWG23) (357J-50447)가	
			CM10-#22SC(S1)-100				0.5mm(AWG20)	
CN2 (1)	-	54599-1019()	-	-		: ()	-	-

) 1. CN2 3M() 가 .
: 36210 - 0100PL(), 36310 - 3200 - 008()

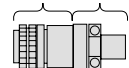
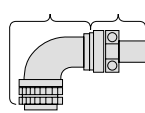
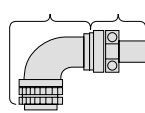
●
 <HF - KP, HF - MP >

	JN4FT04SJ1 - R() ST - TMH - S - C1B - 100 - (A534G) ()	IP65	 : ()	: 0.75mm(AWG19) : $\phi 6.2 \pm 0.3\text{mm}$ (FV4C(UL Style 2103) SP3866W - X) (CT160 - 3 - TMH5B)가
--	--	------	---	---

<HF - SP >

HF - SP51, 81 HF - SP52, 102, 152 HF - SP524, 1024, 1524	CE05 - 6A18 - 10SD - D - BSS CE05 - 8A18 - 10SD - D - BAS MS3106B18 - 10S MS3106B18 - 10S	CE3057 - 10A - 2 - D CE3057 - 10A - 1 - D CE3057 - 10A - 2 - D CE3057 - 10A - 1 - D MS3057 - 10A MS3057 - 10A	IP67 EN (1)	 : ()	2mm(AWG14) ~ 3.5mm(AWG12)	$\phi 8.5 \sim 11\text{mm}$ $\phi 10.5 \sim 14.1\text{mm}$ $\phi 8.5 \sim 11\text{mm}$ $\phi 10.5 \sim 14.1\text{mm}$ $\phi 14.3\text{mm}$ ()
HF - SP121, 201, 301 HF - SP202, 352, 502 HF - SP2024, 3524, 5024	CE05 - 6A22 - 22SD - D - BSS CE05 - 8A22 - 22SD - D - BAS MS3106B22 - 22S MS3106B22 - 22S	CE3057 - 12A - 2 - D CE3057 - 12A - 1 - D CE3057 - 12A - 2 - D CE3057 - 12A - 1 - D MS3057 - 12A MS3057 - 12A	IP67 EN (1)	 : ()	3.5mm(AWG12) ~ 8mm(AWG8)	$\phi 9.5 \sim 13\text{mm}$ $\phi 12.5 \sim 16\text{mm}$ $\phi 9.5 \sim 13\text{mm}$ $\phi 12.5 \sim 16\text{mm}$ $\phi 15.9\text{mm}$ ()
HF - SP421, 702 HF - SP7024	CE05 - 6A32 - 17SD - D - BSS CE05 - 8A32 - 17SD - D - BAS MS3106B32 - 17S MS3106B32 - 17S	CE3057 - 20A - 1 - D CE3057 - 20A - 1 - D MS3057 - 20A MS3057 - 20A	IP67 EN (1)	 : ()	14mm(AWG6) ~ 22mm(AWG4)	$\phi 22 \sim 23.8\text{mm}$ $\phi 22 \sim 23.8\text{mm}$ $\phi 23.8\text{mm}$ ()

<HC - LP, HC - RP, HC - UP , HA - LP502, 702 >

HC - LP52, 102, 152 HC - RP103, 153, 203 HC - UP72, 152	CE05 - 6A22 - 23SD - D - BSS CE05 - 8A22 - 23SD - D - BAS MS3106B22 - 23S MS3106B22 - 23S	CE3057 - 12A - 2 - D CE3057 - 12A - 1 - D CE3057 - 12A - 2 - D CE3057 - 12A - 1 - D MS3057 - 12A MS3057 - 12A	IP65 EN (1)	 : ()	2mm(AWG14) ~ 3.5mm(AWG12)	$\phi 9.5 \sim 13\text{mm}$ $\phi 12.5 \sim 16\text{mm}$ $\phi 9.5 \sim 13\text{mm}$ $\phi 12.5 \sim 16\text{mm}$ $\phi 15.9\text{mm}$ ()
HC - LP202, 302 HC - RP353, 503 HC - UP202, 352, 502 HA - LP502	CE05 - 6A24 - 10SD - D - BSS CE05 - 8A24 - 10SD - D - BAS MS3106B24 - 10S MS3106B24 - 10S	CE3057 - 16A - 2 - D CE3057 - 16A - 1 - D CE3057 - 16A - 2 - D CE3057 - 16A - 1 - D MS3057 - 16A MS3057 - 16A	IP65 EN (1)	 : ()	5.5mm(AWG10) ~ 8mm(AWG8)	$\phi 13 \sim 15.5\text{mm}$ $\phi 15 \sim 19.1\text{mm}$ $\phi 13 \sim 15.5\text{mm}$ $\phi 15 \sim 19.1\text{mm}$ $\phi 19.1\text{mm}$ ()
HA - LP702	CE05 - 6A32 - 17SD - D - BSS CE05 - 8A32 - 17SD - D - BSS MS3106B32 - 17S MS3106B32 - 17S	CE3057 - 20A - 1 - D CE3057 - 20A - 1 - D MS3057 - 20A MS3057 - 20A	IP65 EN (1)	 : ()	14mm(AWG6) ~ 22mm(AWG4)	$\phi 22 \sim 23.8\text{mm}$ $\phi 22 \sim 23.8\text{mm}$ $\phi 23.8\text{mm}$ ()

) 1. EN

MELSERVO-J3

●

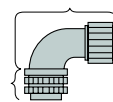
<HF - KP, HF - MP >

	JN4FT02SJ1() ST - TMH - S - C1B - 100 - (A534G) ()	IP65	 : ()	: 0.5mm(AWG20) : $\phi 4.5 \pm 0.3\text{mm}$ (FV2C(UL Style 2103(SP3866U - X) (CT160 - 3 - TMH5B))

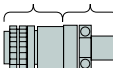
<HF - SP >

		CM10 - SP2S - S					
		CM10 - SP2S - M	CM10 - #22SC(S2) - 100			1.25mm(AWG16)	$\phi 4.0 \sim 6.0\text{mm}$
		CM10 - SP2S - L					$\phi 6.0 \sim 9.0\text{mm}$
		CM10 - SP2S - S					$\phi 9.0 \sim 11.6\text{mm}$
		CM10 - SP2S - M	CM10 - #22SC(C3) - 100			0.5mm(AWG20) ~ 1.25mm(AWG16) (357J - 50448))	$\phi 4.0 \sim 6.0\text{mm}$
		CM10 - SP2S - L					$\phi 6.0 \sim 9.0\text{mm}$
							$\phi 9.0 \sim 11.6\text{mm}$

<HC - LP, HC - UP >

		ACS - 08RL - MS10F	()			< >	$\phi 4 \sim 8\text{mm}$
		ACS - 12RL - MS10F	()				$\phi 8 \sim 12\text{mm}$
		YSO10 - 5-8	()				$\phi 5 \sim 8.3\text{mm}$
HC - LP202B, 302B HC - UP202B, 352B, 502B		ACA - 08RL - MS10F	()	D/MS3106A10SL - 4S (D190) : ()	IP65	< >	$\phi 4 \sim 8\text{mm}$
		ACA - 12RL - MS10F	()				$\phi 8 \sim 12\text{mm}$
		YLO10 - 5-8	()				$\phi 5 \sim 8.3\text{mm}$

<HC - LP, HC - UP, HA - LP >

HC - LP202B, 302B HC - UP202B, 352B, 502B HA - LP601B, 801B, 12K1B, 6014B, 8014B, 12K14B HA - LP701MB, 11K1MB, 15K1MB, 701M4B, 11K1M4B, 15K1M4B HA - LP11K2B, 15K2B, 22K2B, 11K24B, 15K24B, 22K24B		MS3106A10SL - 4S	MS3057 - 4A			< >	0.3mm(AWG22) ~ 1.25mm(AWG16) $\phi 5.6\text{mm}$ ()
							

A

B

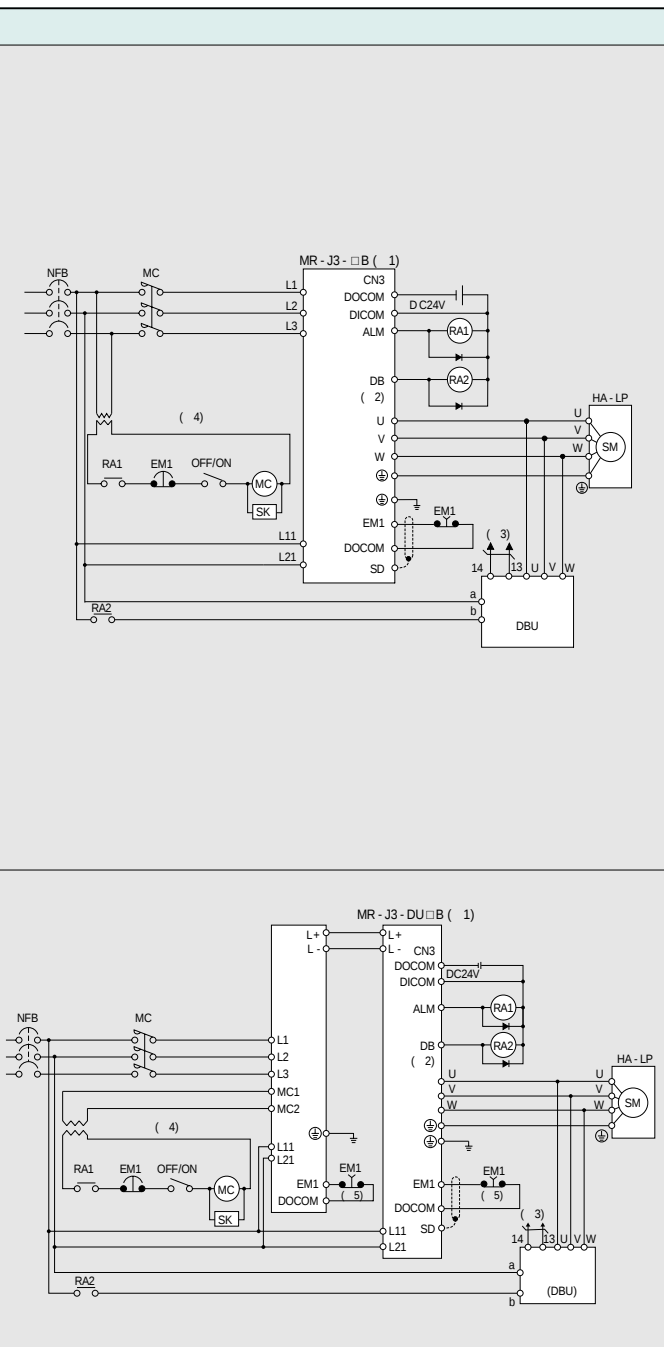
T

11kW

가

DBU - 11K	MR - J3 - 11KA/B/T	A
DBU - 15K	MR - J3 - 15KA/B/T	
DBU - 22K	MR - J3 - 22KA/B/T	
DBU - 11K - 4	MR - J3 - 11KA4/B4/T4	B
DBU - 22K - 4	MR - J3 - 15KA4/B4/T4	
	MR - J3 - 22KA4/B4/T4	

DBU - 37K	MR - J3 - DU30KB MR - J3 - DU37KB	C
DBU - 55K - 4	MR - J3 - DU30KB4 MR - J3 - DU37KB4 MR - J3 - DU45KB4 MR - J3 - DU55KB4	

[illegible]

1. MR-J3-B (A, B) MR-J3-DUB (C) . MR-J3-A MR-J3-DUA 「MR-J3-□A
2. No.PD07~PD09(MR-J3-B MR-J3-DUB) (DB) 가
3. 13, 14 a 가 , 13, 14가 ,
4. 400V . 200V
5. (EM1)가

MELSERVO-J3

(200V)

(MR-J3-)	(W)	()			(W)											
		(W)			(W)											
		GRZG400-			MR-RB											
		1.5Ω × 4 (2)	0.9Ω × 5 (2)	0.6Ω × 5 (2)	032 [40Ω]	12 [40Ω]	30 [13Ω]	31 [6.7Ω]	32 [40Ω]	50 [13Ω] (1)	51 [6.7Ω] (1)	5E [6Ω] (2)	9P [4.5Ω] (2)	9F [3Ω] (2)	139 [1.3Ω]	137 [1.3Ω] (3)
10A(1)/B(1)/T(1)	-	-	-	-	30	-	-	-	-	-	-	-	-	-	-	-
20A(1)/B(1)/T(1)	10	-	-	-	30	100	-	-	-	-	-	-	-	-	-	-
40A(1)/B(1)/T(1)	10	-	-	-	30	100	-	-	-	-	-	-	-	-	-	-
60A/B/T	10	-	-	-	30	100	-	-	-	-	-	-	-	-	-	-
70A/B/T	20	-	-	-	30	100	-	-	300	-	-	-	-	-	-	-
100A/B/T	20	-	-	-	30	100	-	-	300	-	-	-	-	-	-	-
200A/B/T	100	-	-	-	-	-	300	-	-	500	-	-	-	-	-	-
350A/B/T	100	-	-	-	-	-	300	-	-	500	-	-	-	-	-	-
500A/B/T	130	-	-	-	-	-	-	300	-	-	500	-	-	-	-	-
700A/B/T	170	-	-	-	-	-	-	300	-	-	500	-	-	-	-	-
11KA/B/T	-	500 (800)	-	-	-	-	-	-	-	-	-	500 (800)	-	-	-	-
15KA/B/T	-	-	850 (1300)	-	-	-	-	-	-	-	-	-	850 (1300)	-	-	-
22KA/B/T	-	-	-	850 (1300)	-	-	-	-	-	-	-	-	-	850 (1300)	-	-
DU30KA/B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1300	3900
DU37KA/B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1300	3900

- 1.
2. () (1.0m³/min, □92×2) No.PA02
3. MR-RB137 3

(400V)

(MR-J3-)	/ (W)	()			/ (W)											
		(W)														
		GRZG400-			MR-RB											
		5Ω × 4 (2)	2.5Ω × 5 (2)	2Ω × 5 (2)	1H - 4 [82]	3M - 4 [120Ω]	3G - 4 [47Ω]	34 - 4 [26Ω]	5G - 4 [47Ω] (1)	54 - 4 [26Ω] (1)	6B - 4 [20Ω] (2)	60 - 4 [12.5Ω] (2)	6K - 4 [10Ω] (2)	136 - 4 [5Ω]	138 - 4 [5Ω] (3)	
60A4/B4/T4	15	-	-	-	100	300	-	-	-	-	-	-	-	-	-	
100A4/B4/T4	15	-	-	-	100	300	-	-	-	-	-	-	-	-	-	
200A4/B4/T4	100	-	-	-	-	-	300	-	500	-	-	-	-	-	-	
350A4/B4/T4	100	-	-	-	-	-	300	-	500	-	-	-	-	-	-	
500A4/B4/T4	130 (4)	-	-	-	-	-	-	300	-	500	-	-	-	-	-	
700A4/B4/T4	170 (4)	-	-	-	-	-	-	300	-	500	-	-	-	-	-	
11KA4/B4/T4	-	500 (800)	-	-	-	-	-	-	-	-	500 (800)	-	-	-	-	
15KA4/B4/T4	-	-	850 (1300)	-	-	-	-	-	-	-	-	850 (1300)	-	-	-	
22KA4/B4/T4	-	-	-	850 (1300)	-	-	-	-	-	-	-	-	850 (1300)	-	-	
DU30KA4/B4	-	-	-	-	-	-	-	-	-	-	-	-	-	1300	3900	
DU37KA4/B4	-	-	-	-	-	-	-	-	-	-	-	-	-	1300	3900	
DU45KA4/B4	-	-	-	-	-	-	-	-	-	-	-	-	-	1300	3900	
DU55KA4/B4	-	-	-	-	-	-	-	-	-	-	-	-	-	1300	3900	

- 1.
2. () ((1.0m³/min, □92×2) No.PA02
3. MR-RB138 - 4 3
- 4.

1. 100

2. (5m)

3.

(:mm)

● MR-RB032, MR-RB12 (200V)

< TE1
G3
G4
P
C >

: M3

	LA	LB	LC	LD	(kg)
MR - RB032	30	15	119	99	0.5
MR - RB12	40	15	169	149	1.1

● MR-RB1H-4 (400V)

< TE1
G3
G4
P
C >

	(kg)
MR - RB1H - 4	1.1

● MR-RB30, MR-RB31, MR-RB32 (200V)
● MR-RB3M-4, MR-RB3G-4, MR-RB34-4 (400V)

< P
C
G3
G4 >

: M4

	A	B	(kg)
MR - RB30	17	335	2.9
MR - RB31			
MR - RB32			
MR - RB3M - 4	23	341	
MR - RB3G - 4			
MR - RB34 - 4			

● MR-J3-350□(4)

● MR-RB50, MR-RB51 (200V)
● MR-RB5G-4, MR-RB54-4 (400V)

< P
C
G3
G4 >

: M4

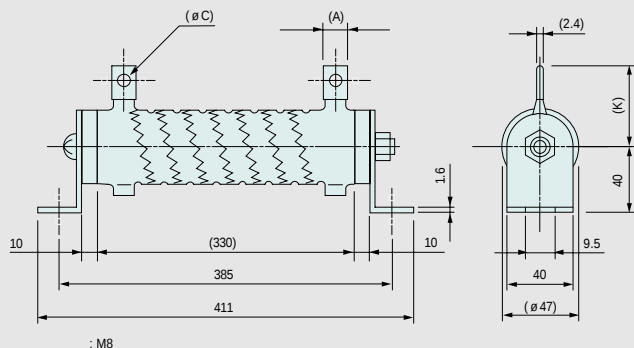
	A	B	(kg)
MR - RB50	17	217	5.6
MR - RB51			
MR - RB5G - 4	23	223	
MR - RB54 - 4			

● MR-J3500□(4), 700□(4)

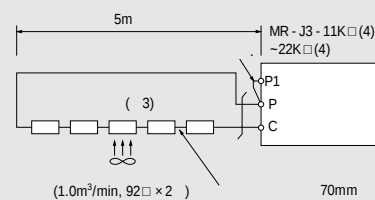
1. (MC)
 2. MR-RB50, MR-RB51, MR-RB5G-4, MR-RB54-4 (1.0m²/min, □92)
 3. G3, G4 G3-G4

MELSERVO-J3

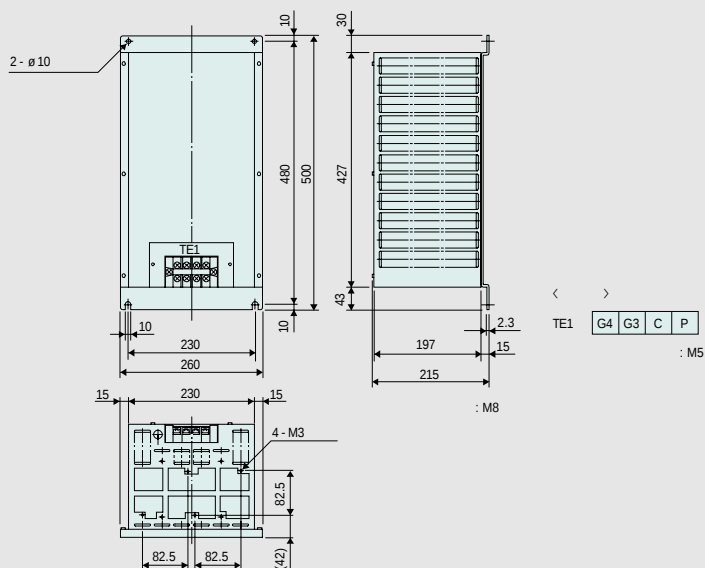
- GRZG400 - 1.5Ω, GRZG400 - 0.9Ω, GRZG400 - 0.6Ω (200V) : (1, 2)
- GRZG400 - 5Ω, GRZG400 - 2.5Ω, GRZG400 - 2Ω (400V) : (1, 2)



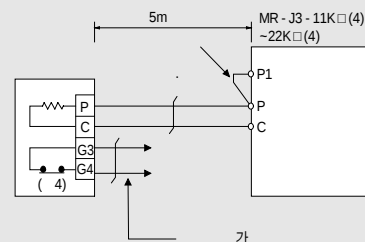
		(W)	(W)	(Ω)				(kg/)
					A	C	K	
GRZG400 - 1.5Ω	4	500	800	6(1.5Ω × 4)	10	5.5	39	0.8
GRZG400 - 0.9Ω	5	850	1300	4.5(0.9Ω × 5)	16	8.2	46	
GRZG400 - 0.6Ω		850	1300	3(0.6Ω × 5)				
GRZG400 - 5Ω	4	500	800	20(5Ω × 4)	10	5.5	39	
GRZG400 - 2.5Ω	5	850	1300	12.5(2.5Ω × 5)				
GRZG400 - 2Ω		850	1300	10(2Ω × 5)				



- MR-RB5E, MR-RB9P, MR-RB9F (200V) (2)
- MR-RB6B-4, MR-RB60-4, MR-RB6K-4 (400V) (2)



	(W)	(W)		(kg)
MR - RB5E	500	800	GRZG400 - 1.5Ω × 4	10
MR - RB9P	850	1300	GRZG400 - 0.9Ω × 5	11
MR - RB9F	850	1300	GRZG400 - 0.6Ω × 5	
MR - RB6B-4	500	800	GRZG400 - 5Ω × 4	10
MR - RB60-4	850	1300	GRZG400 - 2.5Ω × 5	11
MR - RB6K-4	850	1300	GRZG400 - 2Ω × 5	

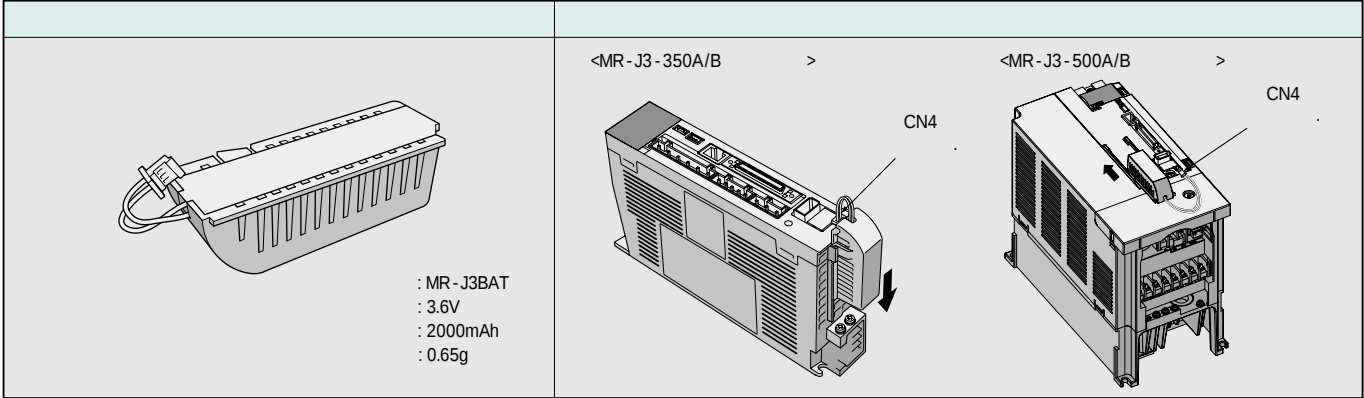


1. MR-J3-11K□(4)-MR-J3-22K□(4)
2. (1.0m³/min, □92 × 2)
3. (MR-J3-□K□(4)-PX) No.PA02
4. G3, G4 G3 - G4

MELSERVO-J3

● (MR-J3BAT)

가

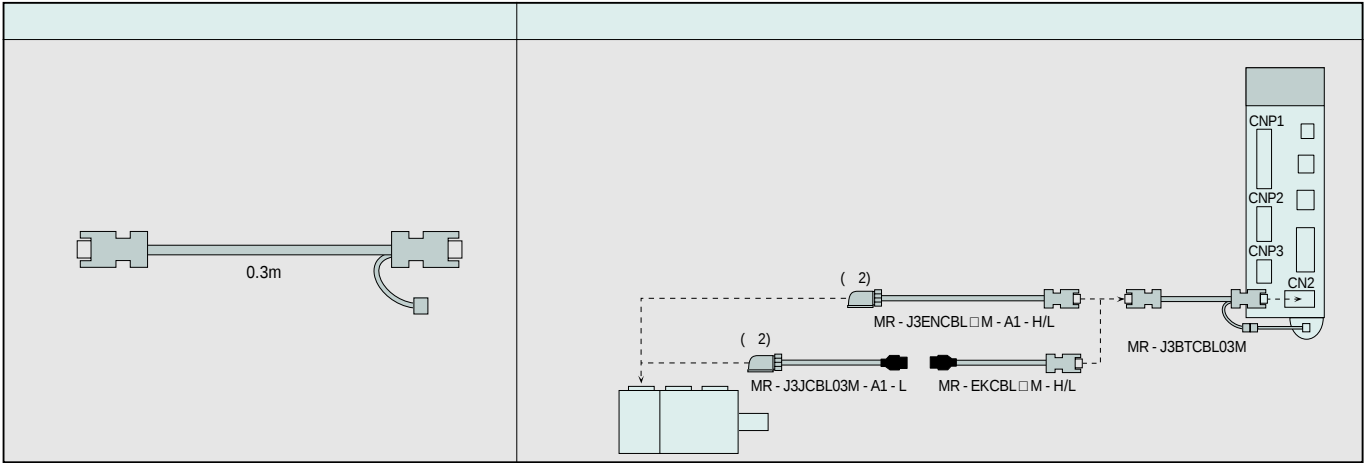


) (IATA) (Class9) (44) 2003 1 1 가 ,24 903 (2006 11) 가

● (MR-J3BTCBL03M)

HF

()가 가



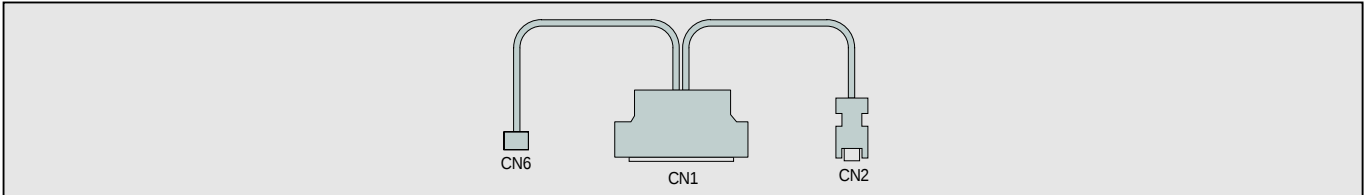
)1. 2.

		(MR-J3BAT)	(MR-J3BTCBL03M)
	(1)		

)1.

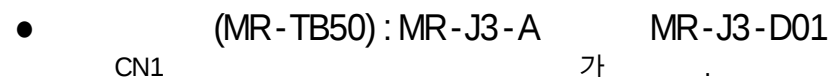
● (MR-J3ACHECK) : MR-J3-A

MR Configurator(-)



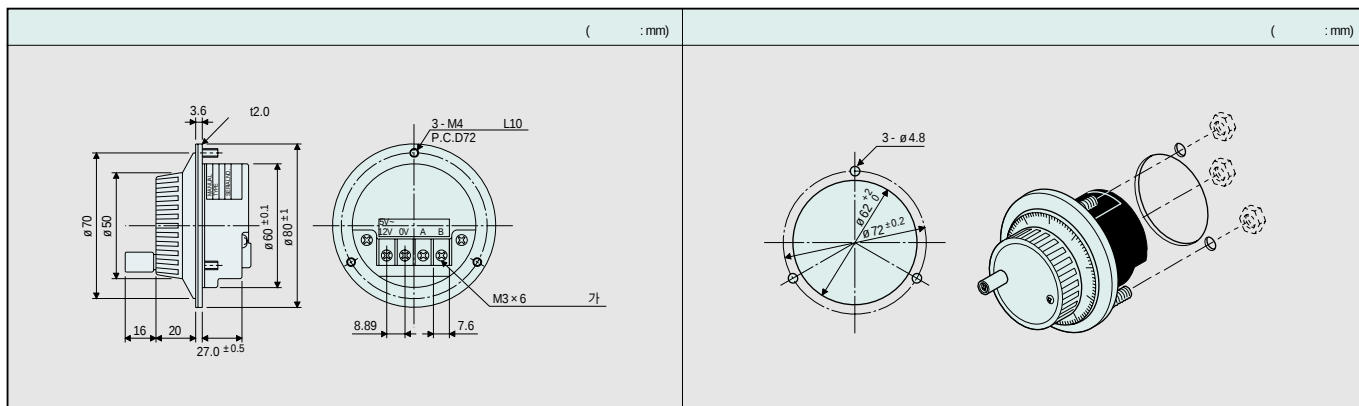
T

가



MELSERVO-J3

(MR-HDP01) : MR-J3-T



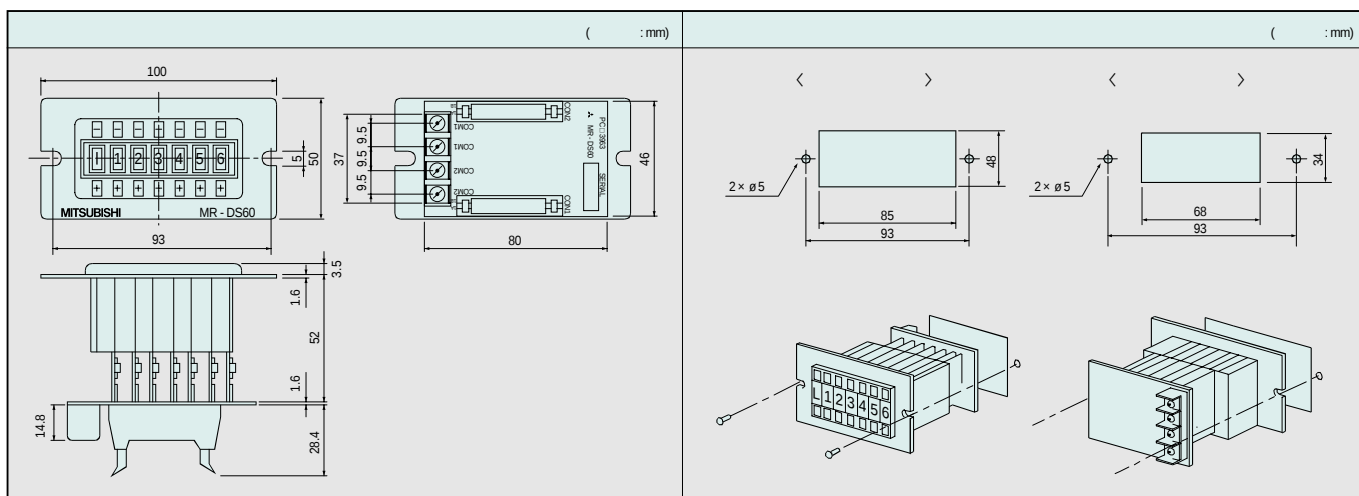
1. CN6 (MR-J2CMP2) 「MR-J3-□T」

(MR-DS60) : MR-J3-D01

MR-DS60 6

BCD

가



MELSERVO-J3

● ,
< 22kW >

			(mm²) (1)									
			L1, L2, L3, ⊕ (2)	L11, L21	U, V, W, ⊕	P, C (2)	B1, B2	BU, BV, BW	OHS1, OHS2			
MR - J3 - 10A(1)/B(1)/T(1)	30A	5A	S - N10	2(AWG14)	1.25 (AWG16)	1.25 (AWG16) (3)	2 (AWG14)	1.25 (AWG16) (4)	-	-		
MR - J3 - 20A/B/T												
MR - J3 - 20A1/B1/T1												
MR - J3 - 40A/B/T												
MR - J3 - 40A1/B1/T1												
MR - J3 - 60A/B/T	30A	15A				S - N18	3.5(AWG12)				2(AWG14)	3.5 (AWG12)
MR - J3 - 70A/B/T												
MR - J3 - 100A/B/T												
MR - J3 - 200A/B/T	30A	20A				S - N20	3.5(AWG12)				3.5(AWG12)	
MR - J3 - 350A/B/T	30A	30A				S - N35	5.5(AWG10)				5.5(AWG10)	
MR - J3 - 500A/B/T	50A	50A										
MR - J3 - 700A/B/T	100A	75A	S - N50	8(AWG8)	8(AWG8)	3.5 (AWG12)	2(AWG14) (5)	1.25(AWG16) (5)				
MR - J3 - 11KA/B/T	100A	100A	S - N65	14(AWG6)	22(AWG4)	5.5 (AWG10)	2 (AWG14)	1.25 (AWG16)				
MR - J3 - 15KA/B/T	225A	125A	S - N95	22(AWG4)	30(AWG2)							
MR - J3 - 22KA/B/T	225A	175A	S - N125	50(AWG1/0)	60(AWG2/0)							
MR - J3 - 60A4/B4/T4	30A	5A	S - N10	2(AWG14)	1.25 (AWG16)	2(AWG14)	-	-				
MR - J3 - 100A4/B4/T4	30A	10A										
MR - J3 - 200A4/B4/T4	30A	15A										
MR - J3 - 350A4/B4/T4	30A	20A	S - N18	5.5(AWG10)								
MR - J3 - 500A4/B4/T4	30A	30A										
MR - J3 - 700A4/B4/T4	50A	40A	S - N20		5.5(AWG10)		2(AWG14) (5)	1.25(AWG16) (5)				
MR - J3 - 11KA4/B4/T4	60A	60A	S - N25	8(AWG8)	8(AWG8)	3.5(AWG12)	2 (AWG14)	1.25 (AWG16)				
MR - J3 - 15KA4/B4/T4	100A	75A	S - N35	14(AWG6)	22(AWG4)	5.5 (AWG10)						
MR - J3 - 22KA4/B4/T4	225A	125A	S - N65									

< 30kW >

					(mm ²) (1)						
					L1, L2, L3, ⊕	L11, L21	U, V, W, ⊕	P2, C (2)	BU, BV, BW	OHS1, OHS2	
MR - J3 - DU30KB	MR - J3 - CR55K	400A	250A	S - N150	50(AWG1/0)	2 (AWG14)	60(AWG2/0)	5.5 (AWG10)	2 (AWG14)	1.25 (AWG16)	
MR - J3 - DU37KB		400A	300A	S - N180	60(AWG2/0)		80(AWG3/0)				
MR - J3 - DU30KB4	MR - J3 - CR55K4	225A	150A	S - N95	22(AWG4)		30(AWG2)		1.25 (AWG16)		
MR - J3 - DU37KB4		225A	175A	S - N125	30(AWG2)		38(AWG2)				
MR - J3 - DU45KB4		225A	225A	S - N150	38(AWG2)		50(AWG1/0)				
MR - J3 - DU55KB4		400A	250A	S - N180	50(AWG1/0)		60(AWG2/0)				

1. 600V
2. 5m
3. HF - KP HF - MP DC (0.75mm² (AWG19))
4. HF - KP HF - MP (0.5mm² (AWG20))
5.

● AC , AC (QD75D)
, DC , DC
AC
가
() : 972A - 2003 504 11(AC 200V () ...Tel (03) 3295 - 8800 () : ESD - SR - 25(()NEC ...Tel (03) 3515 - 9286)
: ZCAT3035 - 1330(()JTDK ...Tel (03) 3278 - 5111)

) Tel 2006 11

MELSERVO-J3

● EMC

EMC

. (1)

HF3010A - UN (2)	MR - J3 - 10A/B/T~100A/B/T MR - J3 - 10A1/B1/T1~40A1/B1/T1	A
HF3030A - UN (2)	MR - J3 - 200A/B/T MR - J3 - 350A/B/T	B
HF3040A - UN (2)	MR - J3 - 500A/B/T MR - J3 - 700A/B/T	
HF3100A - UN (2)	MR - J3 - 11KA/B/T~22KA/B/T	C

TF3005C - TX	MR - J3 - 60A4/B4/T4 MR - J3 - 100A4/B4/T4	D
TF3020C - TX	MR - J3 - 200A4/B4/T4 MR - J3 - 350A4/B4/T4 MR - J3 - 500A4/B4/T4 MR - J3 - 700A4/B4/T4	
TF3030C - TX	MR - J3 - 11KA4/B4/T4	
TF3040C - TX	MR - J3 - 15KA4/B4/T4	E
TF3060C - TX	MR - J3 - 22KA4/B4/T4	

1. () 雙信 (Tel 03-5730-8001) . Tel 2006 11
2. EMC 가 .「EMC 가」

(: mm)

● HF3010A - UN

Top view dimensions: IN (), OUT (), 3-M4, 4-5.5×7, 32±2, 85±2, 110±4, 258±4, 273±2, 288±4, 300±5.

Side view dimensions: M4, (41), 65±4.

	(mA)	(kg)
HF3010A - UN	5	3

AC200~230V (1, 2, 3), NFB, EMC, OUT (4, 5, 6), E, MC, L1, L2, L3, L11, L21.

● HF3030A - UN, HF3040A - UN

Top view dimensions: IN (), OUT (), 6-R3.25, 8, 3-M5, 44±1, 125±2, 140±1, 155±2, 85±1, 85±1, 210±2, 260±5.

Side view dimensions: M4, 70±2, 140±2.

	(mA)	(kg)
HF3030A - UN	5	5.5
HF3040A - UN	1.5	6.0

AC200~230V (L3), AC200~230V, AC100~120V, L3, L1, L2, MR-J3-70□.

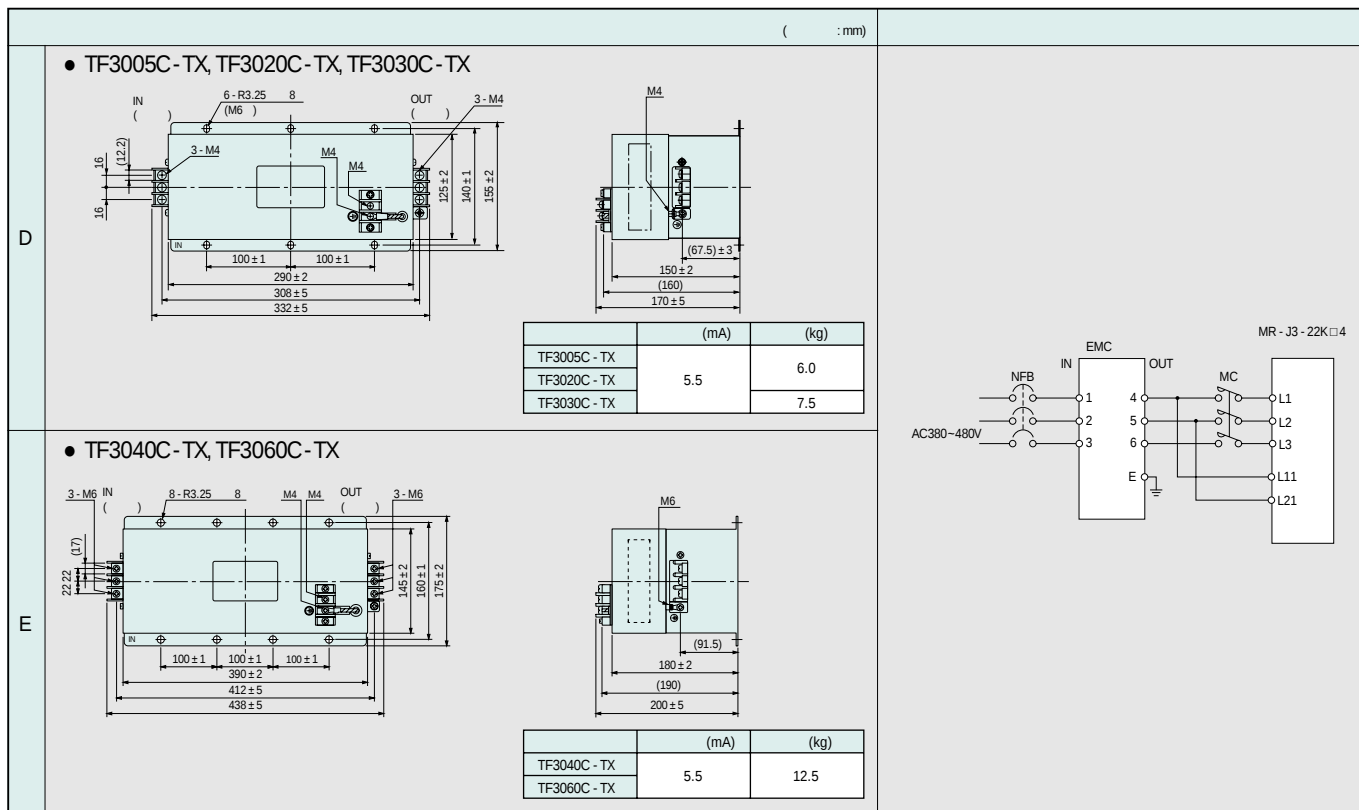
● HF3100A - UN

Top view dimensions: IN (), OUT (), 2-ø6.5×8, M8, 2-ø6.5, M8, 145±1, 165±3, 380±1, 400±5, M6.

Side view dimensions: 100±3.

	(mA)	(kg)
HF3100A - UN	6.5	15

AC200~230V (1, 2, 3), NFB, EMC, OUT (4, 5, 6), E, MC, L1, L2, L3, L11, L21, MR-J3-11K□, ~22K□.



● (FR-BIF, FR-BIF-H)

가

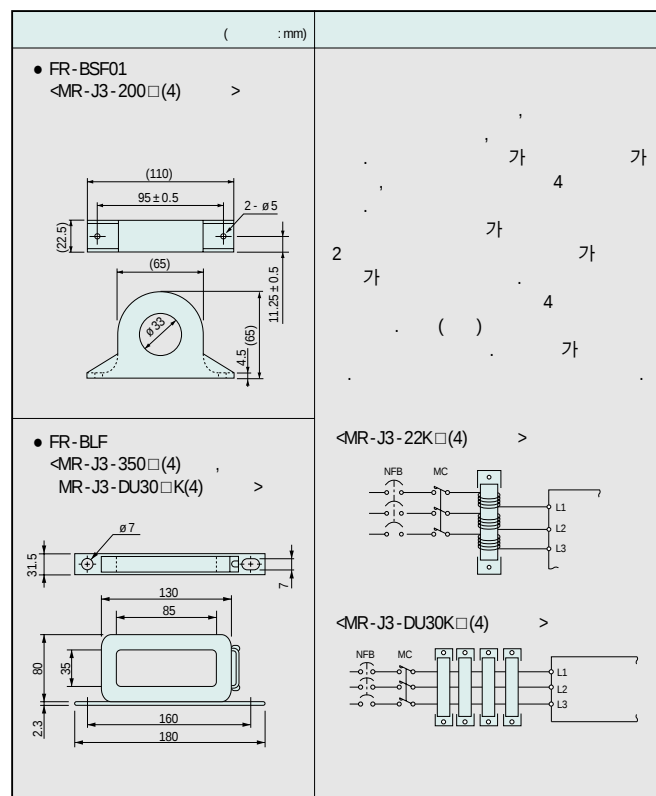
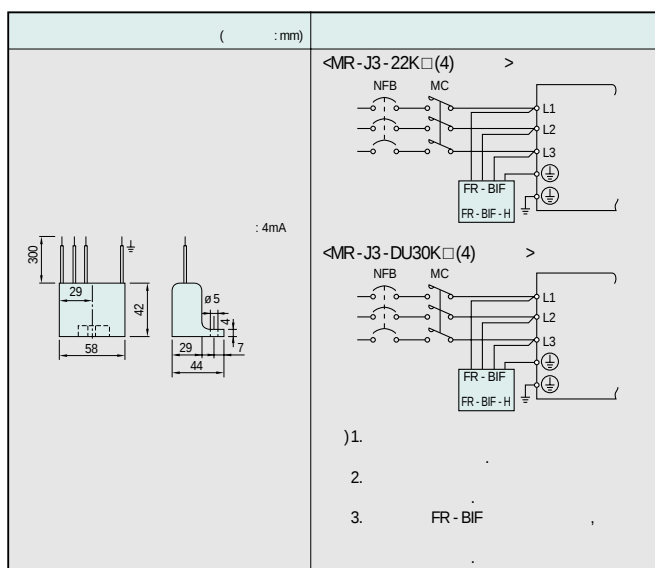
, 10MHz

● (FR-BSF01, FR-BLF)

가 , ()
0.5~5MHz

가

FR-BIF	MR-J3-22K□, MR-J3-DU30K□, 37K□
FR-BIF-H	MR-J3-22K□4, MR-J3-DU30K□4-55K□4



MELSERVO-J3

DC (FR-BEL)

가
DC (FR-BEL) , AC (FR-BAL)
(: AC 6 , DC 2).DC

FR - BEL - 0.4K	MR - J3 - 10A/B/T MR - J3 - 20A/B/T	-	A
FR - BEL - 0.75K	MR - J3 - 40A/B/T	-	
FR - BEL - 1.5K	MR - J3 - 60A/B/T MR - J3 - 70A/B/T	-	
FR - BEL - 2.2K	MR - J3 - 100A/B/T	-	
FR - BEL - 3.7K	MR - J3 - 200A/B/T	-	
FR - BEL - 7.5K	MR - J3 - 350A/B/T	-	
FR - BEL - 11K	MR - J3 - 500A/B/T	-	
FR - BEL - H1.5K	MR - J3 - 60A4/B4/T4	-	
FR - BEL - H2.2K	MR - J3 - 100A4/B4/T4	-	
FR - BEL - H3.7K	MR - J3 - 200A4/B4/T4	-	
FR - BEL - H7.5K	MR - J3 - 350A4/B4/T4	-	
FR - BEL - H11K	MR - J3 - 500A4/B4/T4	-	

FR - BEL - 15K	MR - J3 - 700A/B/T MR - J3 - 11KA/B/T	-	B
FR - BEL - 22K	MR - J3 - 15KA/B/T	-	
FR - BEL - 30K	MR - J3 - 22KA/B/T	-	
FR - BEL - H15K	MR - J3 - 700A4/B4/T4 MR - J3 - 11KA4/B4/T4	-	
FR - BEL - H22K	MR - J3 - 15KA4/B4/T4	-	
FR - BEL - H30K	MR - J3 - 22KA4/B4/T4	-	C
MR - DCL30K	MR - J3 - DU30KA/B	MR - J3 - CR55K	
MR - DCL37K	MR - J3 - DU37KA/B		
MR - DCL30K - 4	MR - J3 - DU30KA/B4	MR - J3 - CR55K4	
MR - DCL37K - 4	MR - J3 - DU37KA/B4		
MR - DCL45K - 4	MR - J3 - DU45KA/B4		
MR - DCL55K - 4	MR - J3 - DU55KA/B4		

(: mm)

A

	A	B	C	D	E	F×L	G	H		(kg)	(mm)
FR - BEL - 0.4K	110	50	94	1.6	95	6×12	M3.5	25	M5	0.5	2(AWG14)
FR - BEL - 0.75K	120	53	102	1.6	105	6×12	M4	25	M5	0.7	
FR - BEL - 1.5K	130	65	110	1.6	115	6×12	M4	30	M5	1.1	
FR - BEL - 2.2K	130	65	110	1.6	115	6×12	M4	30	M5	1.2	3.5(AWG12)
FR - BEL - 3.7K	150	75	102	2.0	135	6×12	M4	40	M5	1.7	
FR - BEL - 7.5K	150	75	126	2.0	135	6×12	M5	40	M5	2.3	
FR - BEL - 11K	170	93	132	2.3	155	6×14	M5	50	M5	3.1	5.5(AWG10)
FR - BEL - H1.5K	130	63	89	1.6	115	6×12	M3.5	32	M5	0.9	2(AWG14)
FR - BEL - H2.2K	130	63	101	1.6	115	6×12	M3.5	32	M5	1.1	
FR - BEL - H3.7K	150	75	102	2.0	135	6×12	M4	40	M5	1.7	
FR - BEL - H7.5K	150	75	124	2.0	135	6×12	M4	40	M5	2.3	5.5(AWG10)
FR - BEL - H11K	170	93	132	2.3	155	6×14	M5	50	M5	3.1	

B

	A	B	C	D	E	F×L	G	H		(kg)	(mm)
FR - BEL - 15K	170	93	170	2.3	155	6×14	M8	56	M5	3.8	8(AWG8)
FR - BEL - 22K	185	119	182	2.6	165	7×15	M8	70	M6	5.4	22(AWG4)(1)
FR - BEL - 30K	185	119	201	2.6	165	7×15	M8	70	M6	6.7	30(AWG2)
FR - BEL - H15K	170	93	160	2.3	155	6×14	M6	56	M5	3.7	60(AWG2/0)
FR - BEL - H22K	185	119	171	2.6	165	7×15	M6	70	M6	5.0	8(AWG8)
FR - BEL - H30K	185	119	189	2.6	165	7×15	M6	70	M6	6.7	22(AWG4)

C

	A	B	B1	C	D		(kg)	(mm)
MR - DCL30K	255	135	80	215	232	M12	9.5	60(AWG2/0)
MR - DCL37K	225	135	80	200	197	M8	7	80(AWG3/0)
MR - DCL30K - 4	205	135	75	200	175	M8	6.5	30(AWG2)
MR - DCL37K - 4	225	135	80	200	197	M8	7	38(AWG2)
MR - DCL45K - 4	240	135	80	200	212	M8	7.5	50(AWG1/0)
MR - DCL55K - 4	260	135	80	215	232	M8	9.5	60(AWG2/0)

1. FR - BEL - 15K MR - J3 - 700A/B/T
2.
3. DC P1 - P2
4. DC P - P1

8mm²(AWG8), MR - J3 - 11KA/B/T

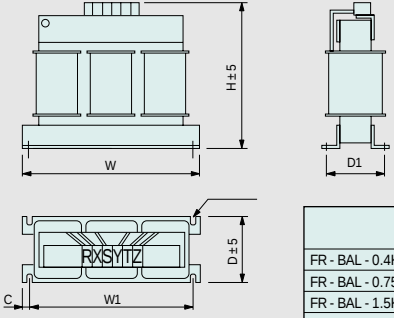
22mm²(AWG4)

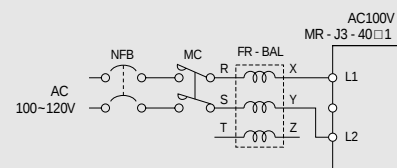
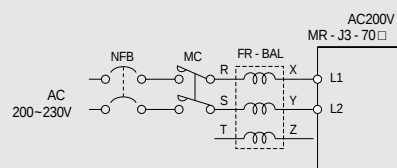
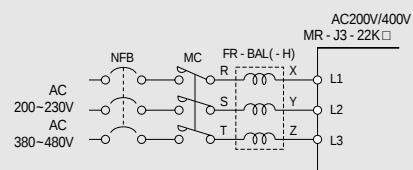
● AC (FR-BAL)

가

FR - BAL - 0.4K	MR - J3 - 10A/B/T, MR - J3 - 10A1/B1/T1 MR - J3 - 20A/B/T
FR - BAL - 0.75K	MR - J3 - 20A1/B1/T1 MR - J3 - 40A/B/T
FR - BAL - 1.5K	MR - J3 - 40A1/B1/T1 MR - J3 - 60A/B/T MR - J3 - 70A/B/T
FR - BAL - 2.2K	MR - J3 - 100A/B/T
FR - BAL - 3.7K	MR - J3 - 200A/B/T
FR - BAL - 7.5K	MR - J3 - 350A/B/T
FR - BAL - 11K	MR - J3 - 500A/B/T
FR - BAL - 15K	MR - J3 - 700A/B/T MR - J3 - 11KA/B/T
FR - BAL - 22K	MR - J3 - 15KA/B/T
FR - BAL - 30K	MR - J3 - 22KA/B/T

FR - BAL - H1.5K	MR - J3 - 60A4/B4/T4
FR - BAL - H2.2K	MR - J3 - 100A4/B4/T4
FR - BAL - H3.7K	MR - J3 - 200A4/B4/T4
FR - BAL - H7.5K	MR - J3 - 350A4/B4/T4
FR - BAL - H11K	MR - J3 - 500A4/B4/T4
FR - BAL - H15K	MR - J3 - 700A4/B4/T4 MR - J3 - 11KA4/B4/T4
FR - BAL - H22K	MR - J3 - 15KA4/B4/T4
FR - BAL - H30K	MR - J3 - 22KA4/B4/T4

(: mm)											
											
	W	W1	H	D	D1	C				(kg)	
FR - BAL - 0.4K	135	120	115	59	45 ⁰ _{-2.5}	7.5	M4	M3.5	2.0		
FR - BAL - 0.75K	135	120	115	69	57 ⁰ _{-2.5}	7.5	M4	M3.5	2.8		
FR - BAL - 1.5K	160	145	140	71	55 ⁰ _{-2.5}	7.5	M4	M3.5	3.7		
FR - BAL - 2.2K	160	145	140	91	75 ⁰ _{-2.5}	7.5	M4	M3.5	5.6		
FR - BAL - 3.7K	220	200	192	90	70 ⁰ _{-2.5}	10	M5	M4	8.5		
FR - BAL - 7.5K	220	200	194	120	100 ⁰ _{-2.5}	10	M5	M5	14.5		
FR - BAL - 11K	280	255	220	135	100 ⁰ _{-2.5}	12.5	M6	M6	19		
FR - BAL - 15K	295	270	275	133	110 ⁰ _{-2.5}	12.5	M6	M6	27		
FR - BAL - 22K	290	240	301	199	170±5	25	M8	M8	35		
FR - BAL - 30K	290	240	301	219	190±5	25	M8	M8	43		
FR - BAL - H1.5K	160	145	140	87	70 ⁰ _{-2.5}	7.5	M4	M3.5	5.3		
FR - BAL - H2.2K	160	145	140	91	75 ⁰ _{-2.5}	7.5	M4	M3.5	5.9		
FR - BAL - H3.7K	220	200	190	90	70 ⁰ _{-2.5}	10	M5	M3.5	8.5		
FR - BAL - H7.5K	220	200	192	120	100±5	10	M5	M4	14		
FR - BAL - H11K	280	255	226	130	100±5	12.5	M6	M5	18.5		
FR - BAL - H15K	295	270	244	130	110±5	12.5	M6	M5	27		
FR - BAL - H22K	290	240	269	199	170±5	25	M8	M8	35		
FR - BAL - H30K	290	240	290	219	190±5	25	M8	M8	43		



MELSERVO-J3

<MR Configurator>

- MRZJW3-SETUP2□1(-)

PC

가

-

(1) PC

(2)

(3) PC

PC

가

(4)

가

-



	I/F
	ABS (2)
JOG	DO

1. MR-J3-A
 2. MR-J3-100A
- MR Configurator : MRZJW3-SETUP211 A1

!

가 !

[]

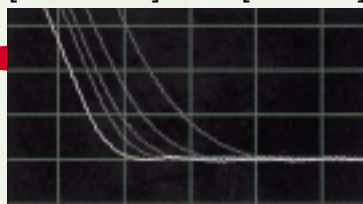


3ch,

4ch

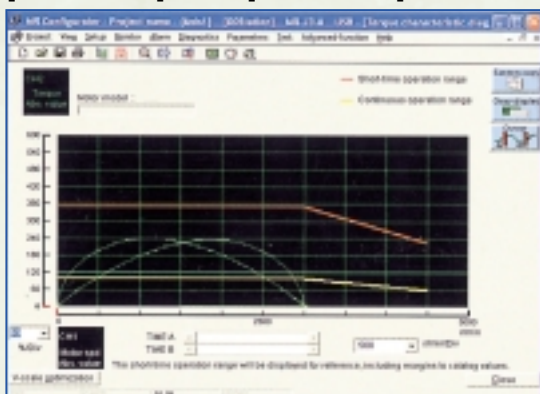
CSV, JPEG

[] : []



!

[] : []



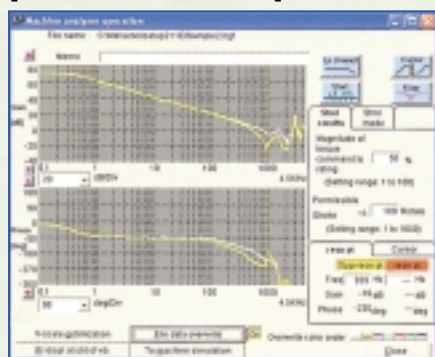
[]

가

A

B

T

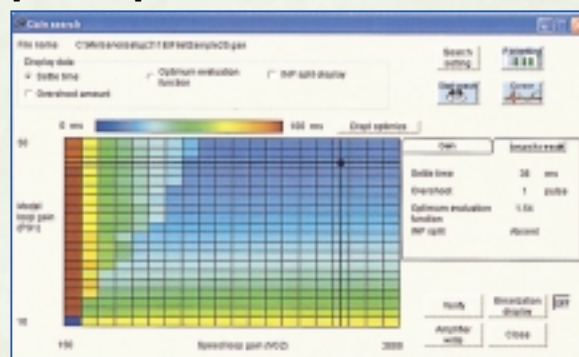


[] , 가

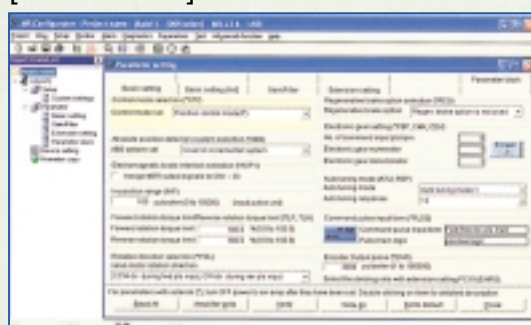
0.1~1kHz

0.1~4.5kHz

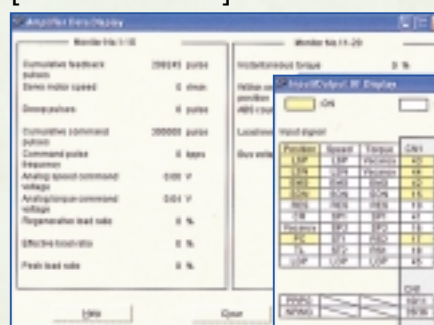
가



PC가

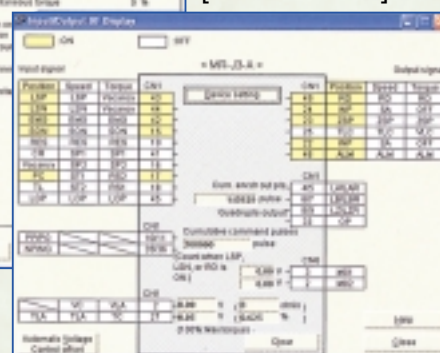


[]



[]

[I/F]

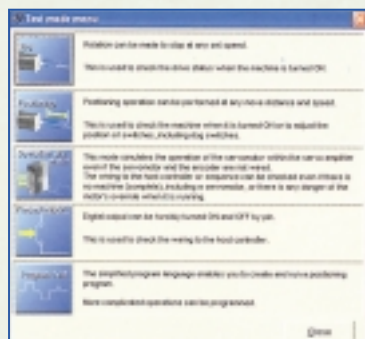


[I/F]

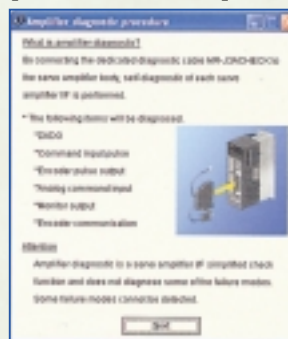
[I/F]

DI/DO ON/OFF

가



[]



[]

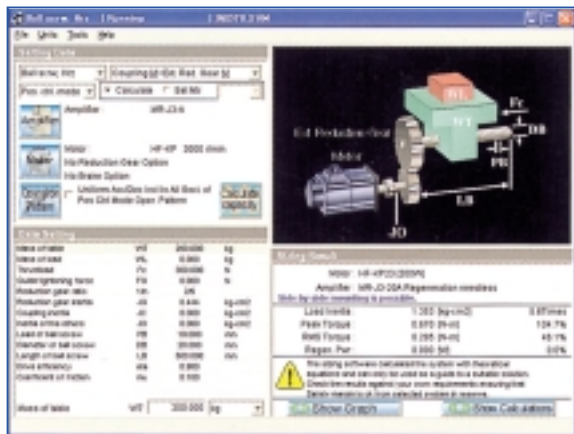
가
DI/DO

I/F,

(MR - J3ACHECK)

$\angle$

: <http://www.mitsubishi-automation.co.kr>



)

●
(1)

—

(2)

()

가 가

		$1 \quad 2 \quad \& \quad 3 \quad 4 \quad 5 \quad 6 \quad 7 \quad 8 \quad 9 \quad 10 \quad (\quad)$									
		$1 \quad 2 \quad 3 \quad 4 \quad 5 \quad 6 \quad 7 \quad 8 \quad 9 \quad 10 \quad 11 \quad 12 \quad 13 \quad 14 \quad 15 \quad 16 \quad 17 \quad 18 \quad 19 \quad 20$									
		$1 \quad 2 \quad 3 \quad 4 \quad 5 \quad 6 \quad 7 \quad 8 \quad 9 \quad 10 \quad (\quad) \quad 11$									
		$1 \quad 2 \quad 3 \quad 4 \quad 5 \quad 6 \quad 7 \quad 8 \quad 9 \quad 10$									

- PC
MR Configurator(-)
IBM PC/AT



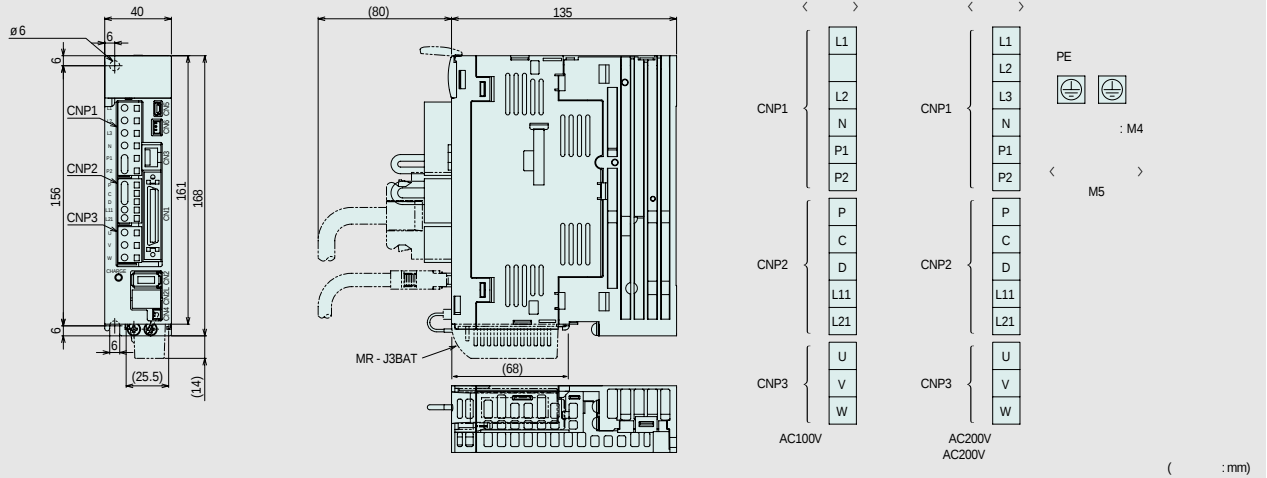
			MR Configurator(-) MRZJW3-SETUP2□1 (5)	MRZJW3-MOTSZ111 (1)
OS (2)	Window 95		x	o
	Window 98		o (6)	o
	Window Me		o	o
	Window NT Workstation4.0		x	o
	Window 2000 Professional		o	o
	Window XP Professional		o	o
	Window XP Home Edition		o	o
	(2)		Pentium 133MHz (Windows 95, Windows 98, Windows NT Workstation4.0, Windows 2000 Professional) Pentium 150MHz (Windows Me) Pentium 300MHz (Windows XP Professional, Windows XP Home Edition)	
(3)			16MB (Windows 95) 24MB (Windows 98) 32MB (Windows Me, Windows NT Workstation4.0, Windows 2000 Professional) 128MB (Windows XP Professional, Windows XP Home Edition)	
			130MB	40MB
			USB -	
			800 × 600, High Color(16) 가가 .	
			PC 가 .	
		PC 가 , .		
		PC 가 .		
		MR - J3USBCBL3M		

- | | | | | | |
|----|--|--|--|---|---------------------|
| 1. | MR - J3 - 500A
MR - J3 - 11KA(4)/B(4)
(400V) 6kW, 7kW, 25kW | MR - J3 - □A1, MR - J3 - B
HF - SP301, 421, HC - LP, HC - RP, HC - UP, HA - LP
MR - J3 - 60A4/B4 - 700A4/B4, MR - J3 - □T(4), MR - J3 - DU30KA(4)/B(4)
B2 | HF - MP, HF - SP1000r/min
(200V) 25kW
HF - SP | MRZJW3 - MOTSZ111
(400V) 8-22kW
(400V) 30kW | A6
B0
HA - LP |
| 2. | Pentium | Intel Corporation | Windows, Windows NT | Microsoft Corporation | |
| 3. | PC | 가 | 가 | | |
| 4. | | | 가 | | |
| 5. | MRZJW3 - SETUP211
Configurator(-) | MR - J3 - 500A | MR - J3 - B | MRZJW3 - SETUP221 | [] MR |
| 6. | MRZJW3 - SETUP221 | Windows 98 | | | |

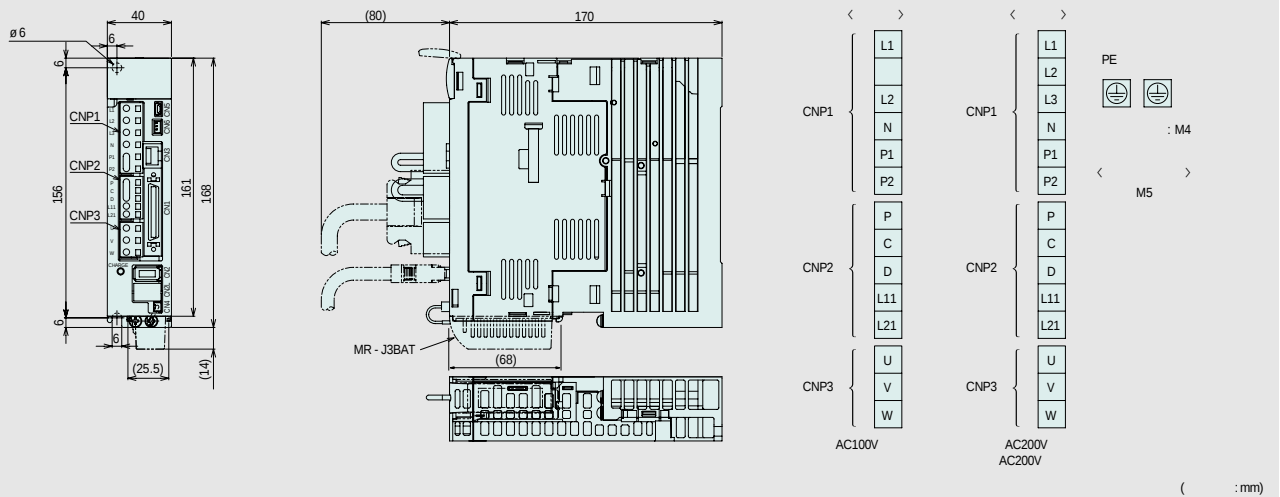
MELSERVO-J3

MR-J3-□A

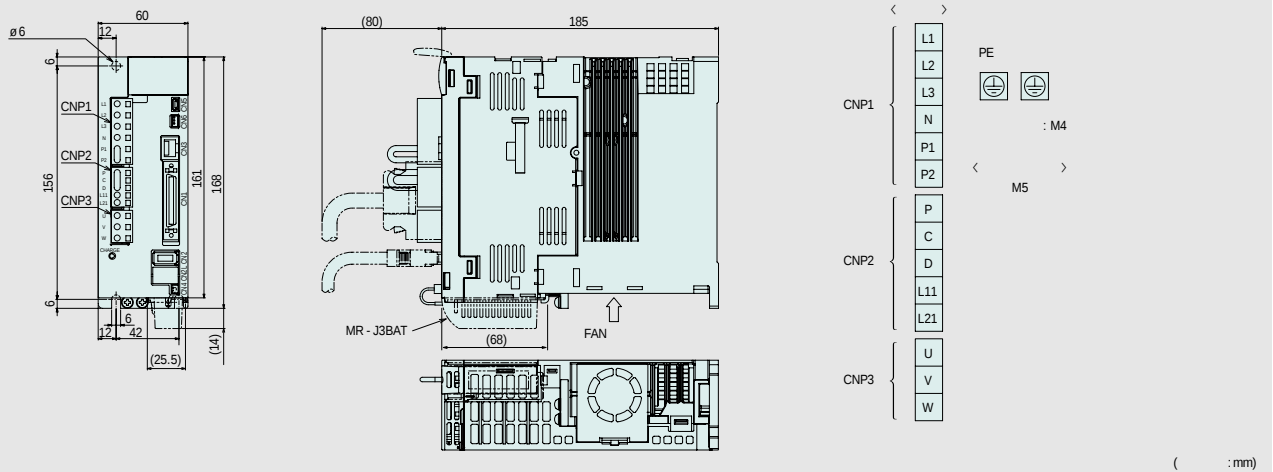
● MR-J3-10A, 20A, 10A1, 20A1 (1)



● MR-J3-40A, 60A, 40A1 (1)



● MR-J3-70A, 100A (1)

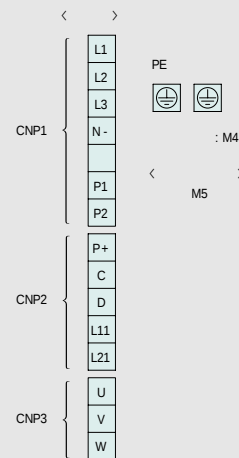
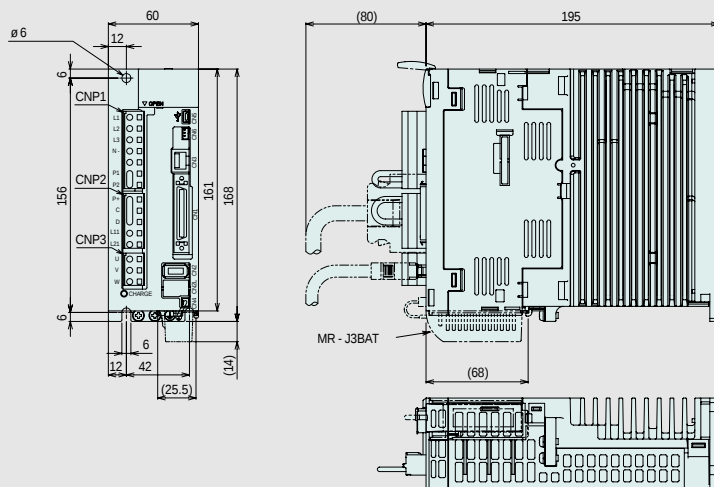


1. CNP1
2. CAD
: <http://www.mitsubishi-automation.co.kr>

MELSERVO-J3

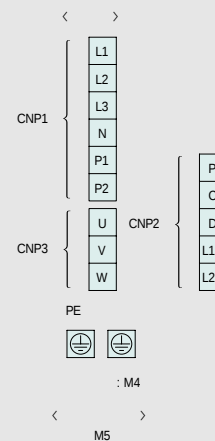
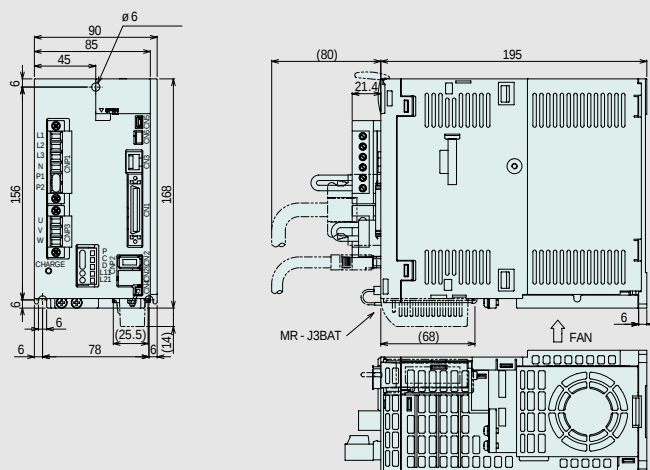
MR-J3-□A

● MR-J3-60A4(), 100A4() (1)



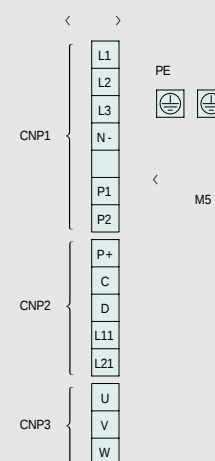
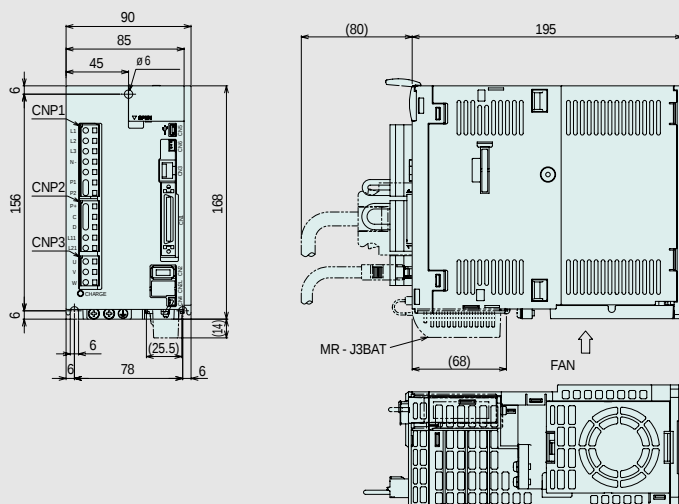
(: mm)

● MR-J3-200A, 350A (1)



(: mm)

● MR-J3-200A4(), 350A4() (1)



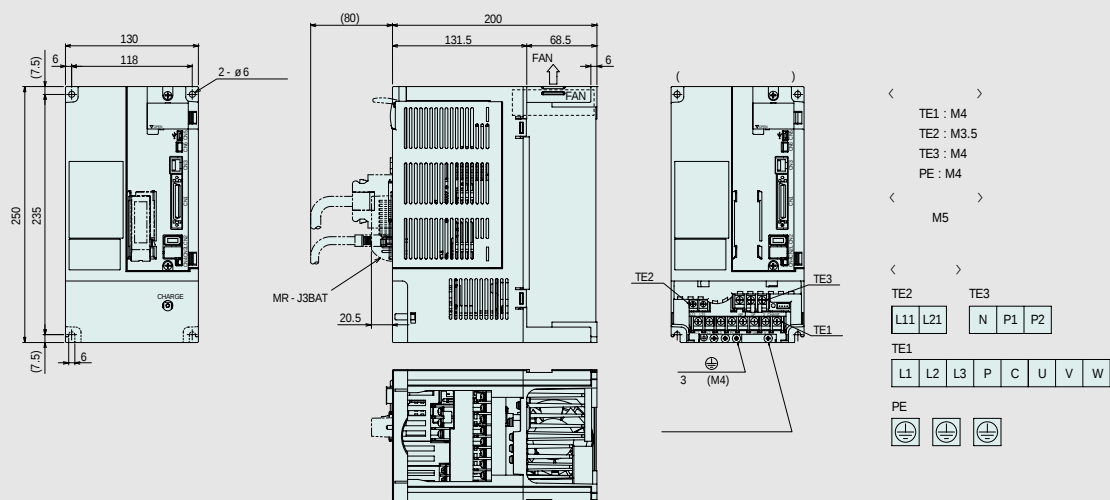
(: mm)

1. CNP1 , CNP2 , CNP3 ()
2. CAD

(MR-J3-200A, 60A4~350A4)

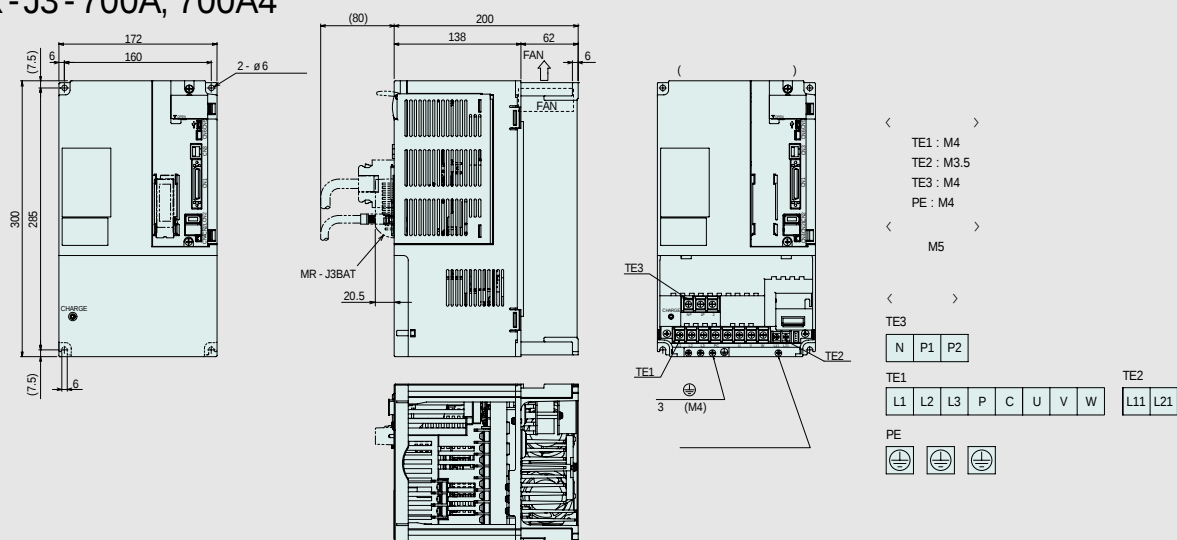
: <http://www.mitsubishi-automation.co.kr>

● MR-J3-500A, 500A4



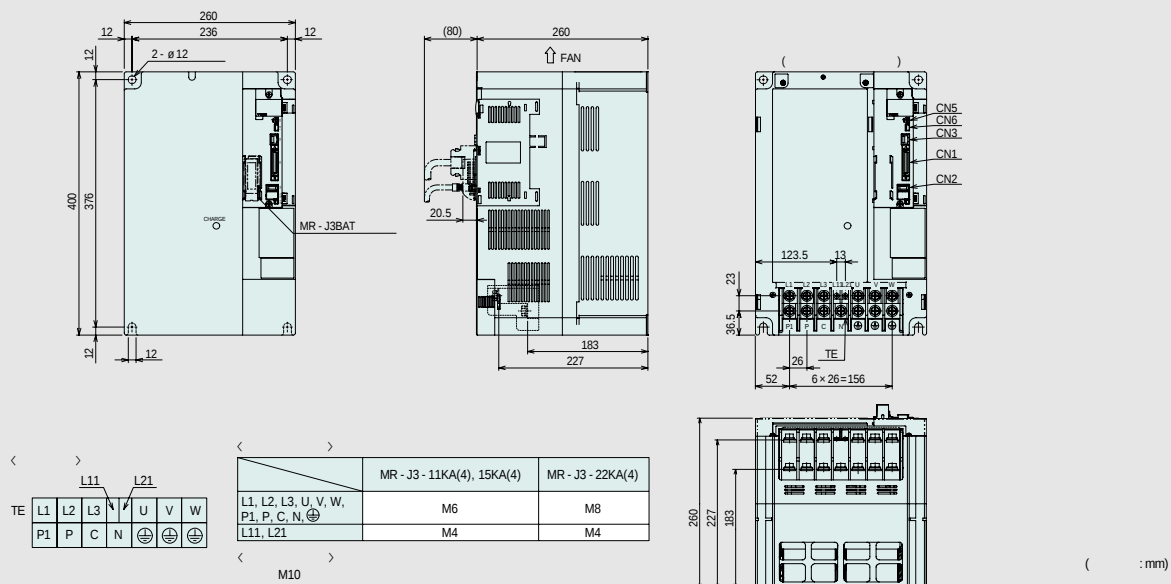
(: mm)

● MR-J3-700A, 700A4



(: mm)

● MR-J3-11KA~22KA, 11KA4~22KA4

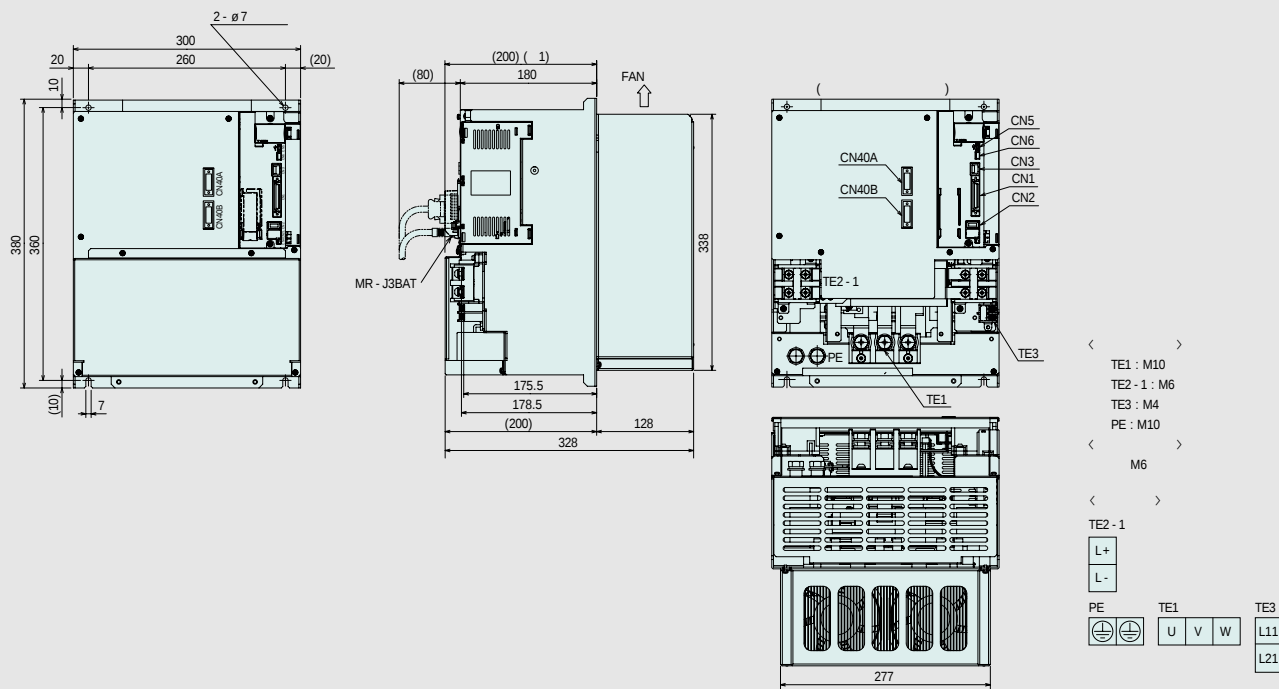


(: mm)

MELSERVO-J3

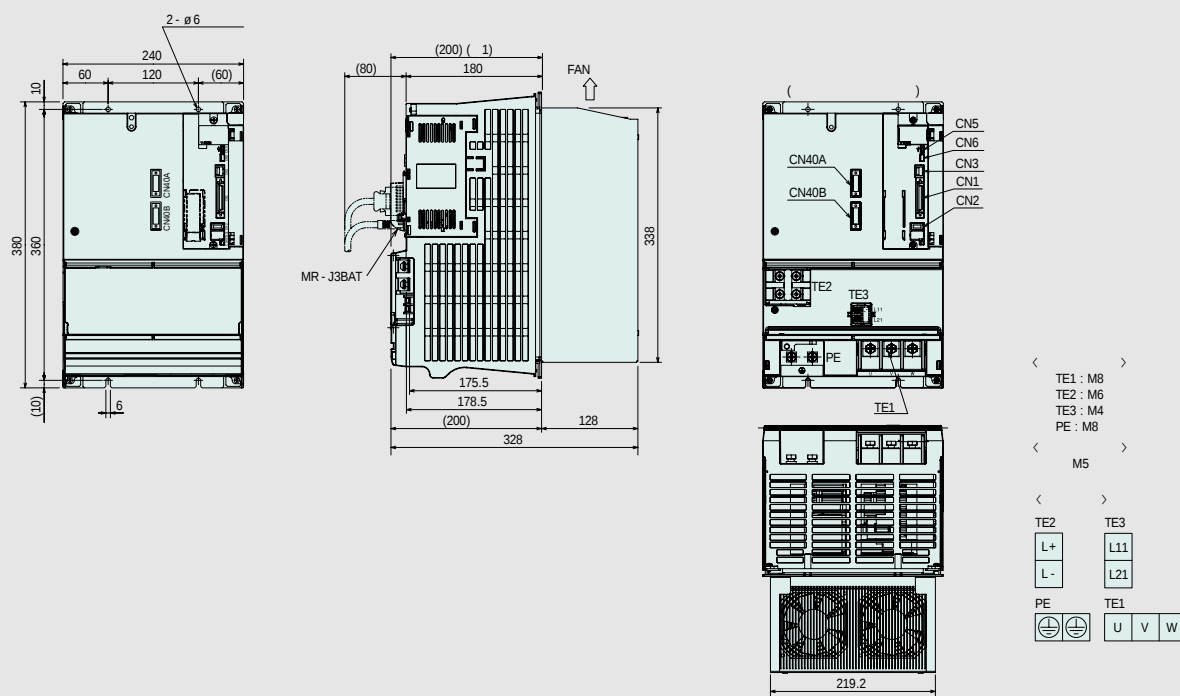
MR-J3-DU□KA

● MR-J3-DU30KA, DU37KA, 45KA4, 55KA4



(: mm)

● MR-J3-DU30KA4, 37KA4



(: mm)

1. MR-J3BAT

2.

CAD

: <http://www.mitsubishi-automation.co.kr>

()

B

(: mm)

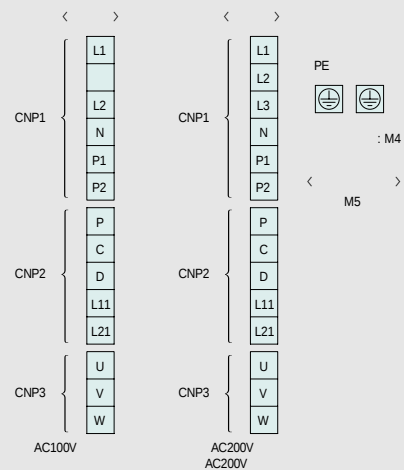
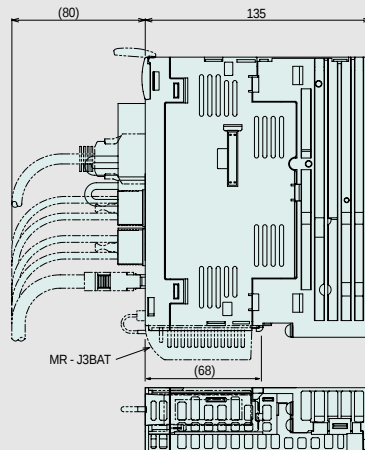
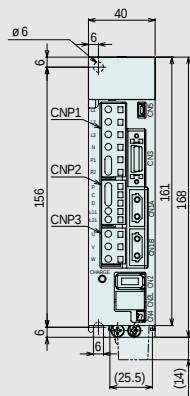
(: mm)

102

MELSERVO-J3

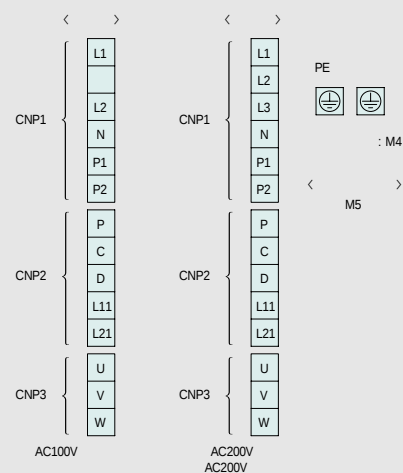
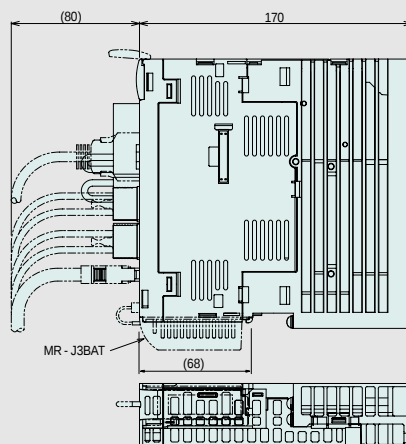
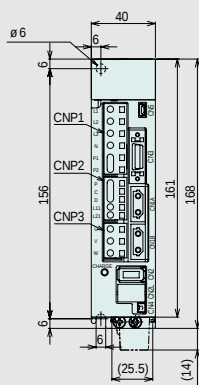
MR-J3-□B

- MR-J3-10B, 20B, 10B1, 20B1 (1)



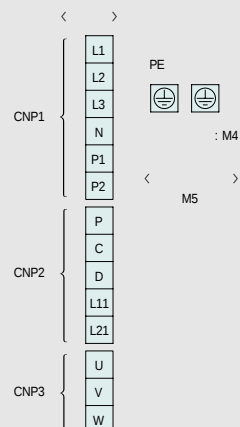
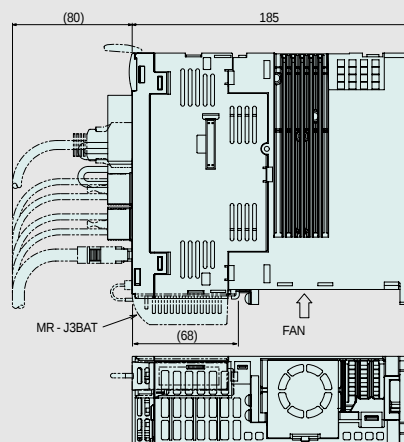
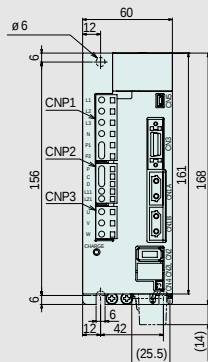
(:mm)

- MR-J3-40B, 60B, 40B1 (1)



(:mm)

- MR-J3-70B, 100B (1)

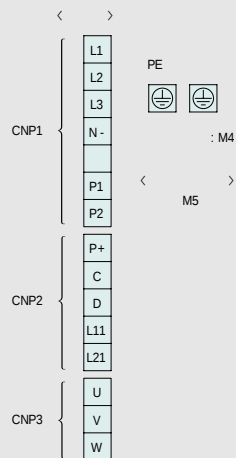
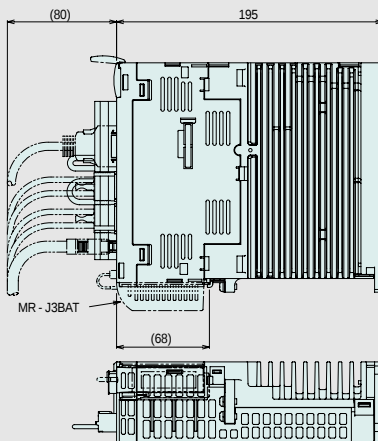
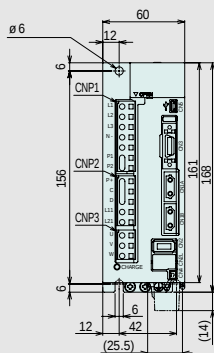


(: mm)

1. CNP1, CNP2, CNP3 ()
2. CAD

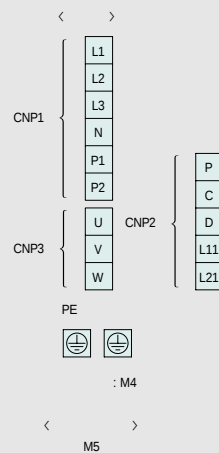
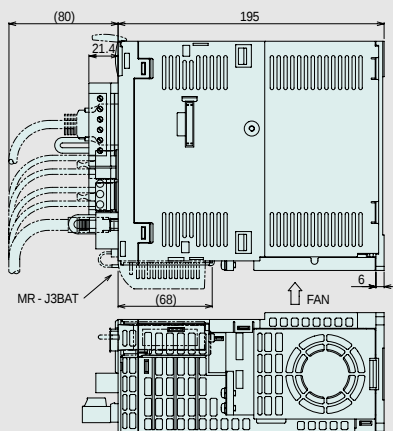
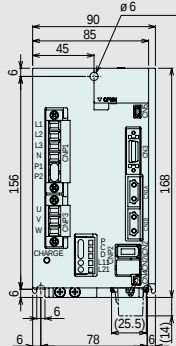
: <http://www.mitsubishi-automation.co.kr>

● MR-J3-60B4(), 100B4() (1)



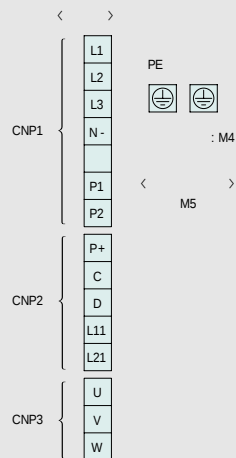
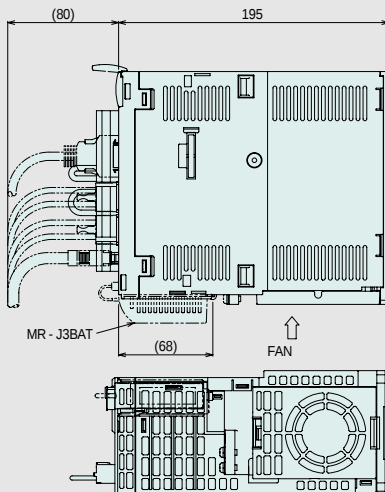
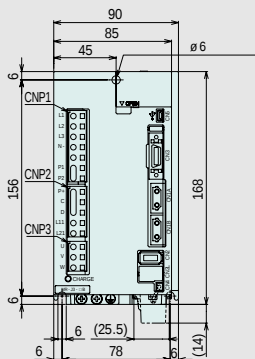
(:mm)

● MR-J3-200B, 350B (1)



(:mm)

● MR-J3-200B4(), 350B4() (1)



(:mm)

1. CNP1 , CNP2 , CNP3 ()
2. CAD

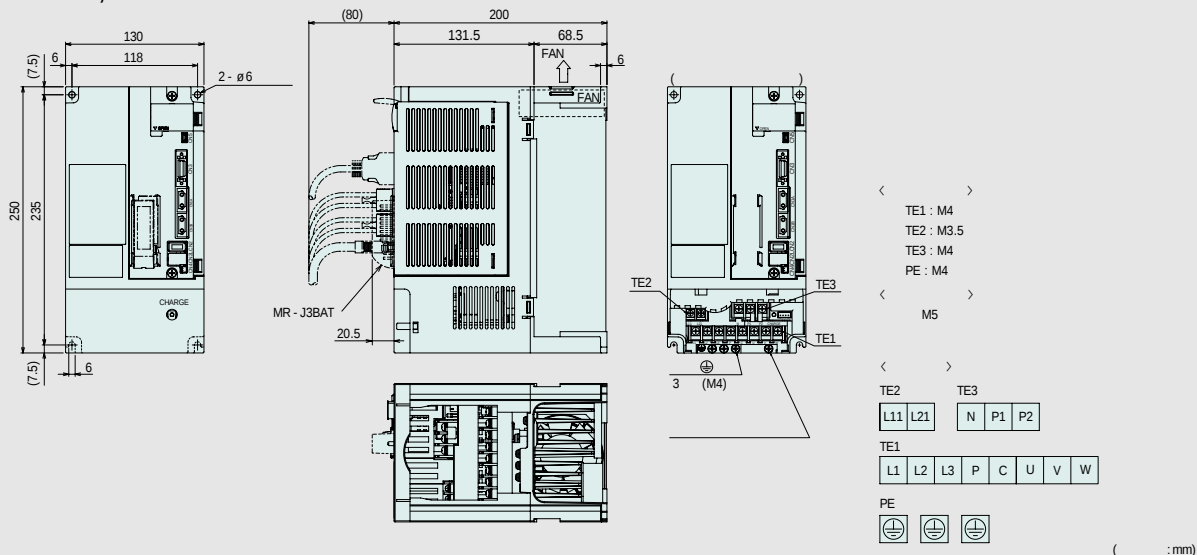
: <http://www.mitsubishi-automation.co.kr>

(MR-J3-200B, 60B4~350B4)

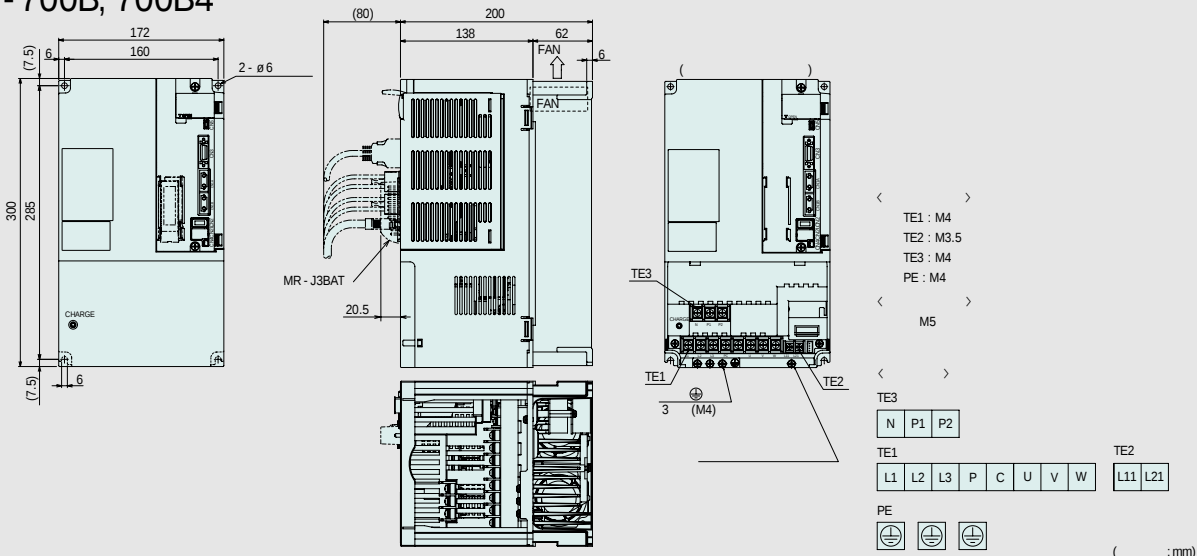
MELSERVO-J3

MR-J3-□B

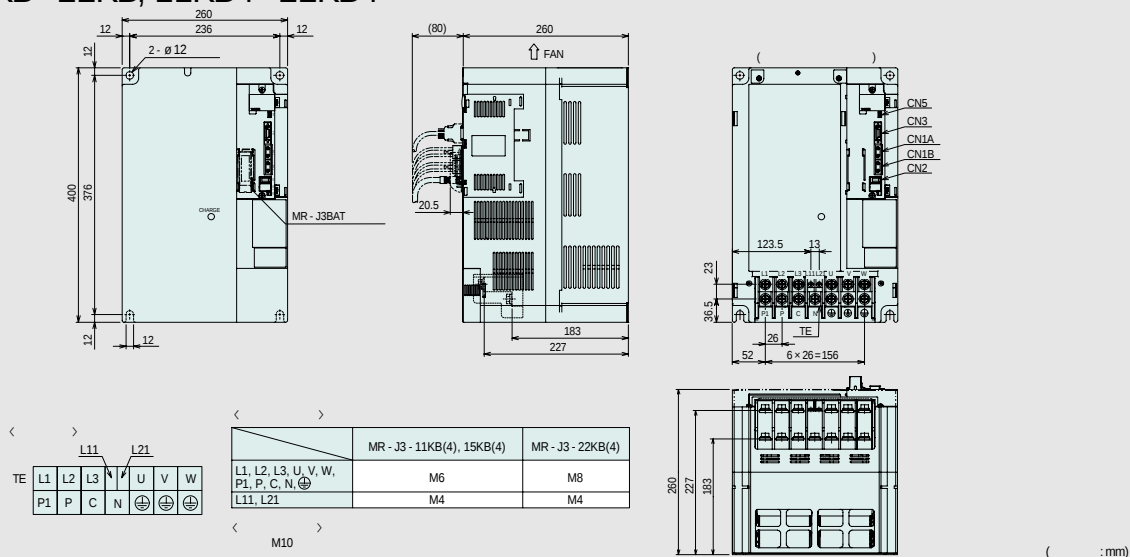
● MR-J3-500B, 500B4



● MR-J3-700B, 700B4

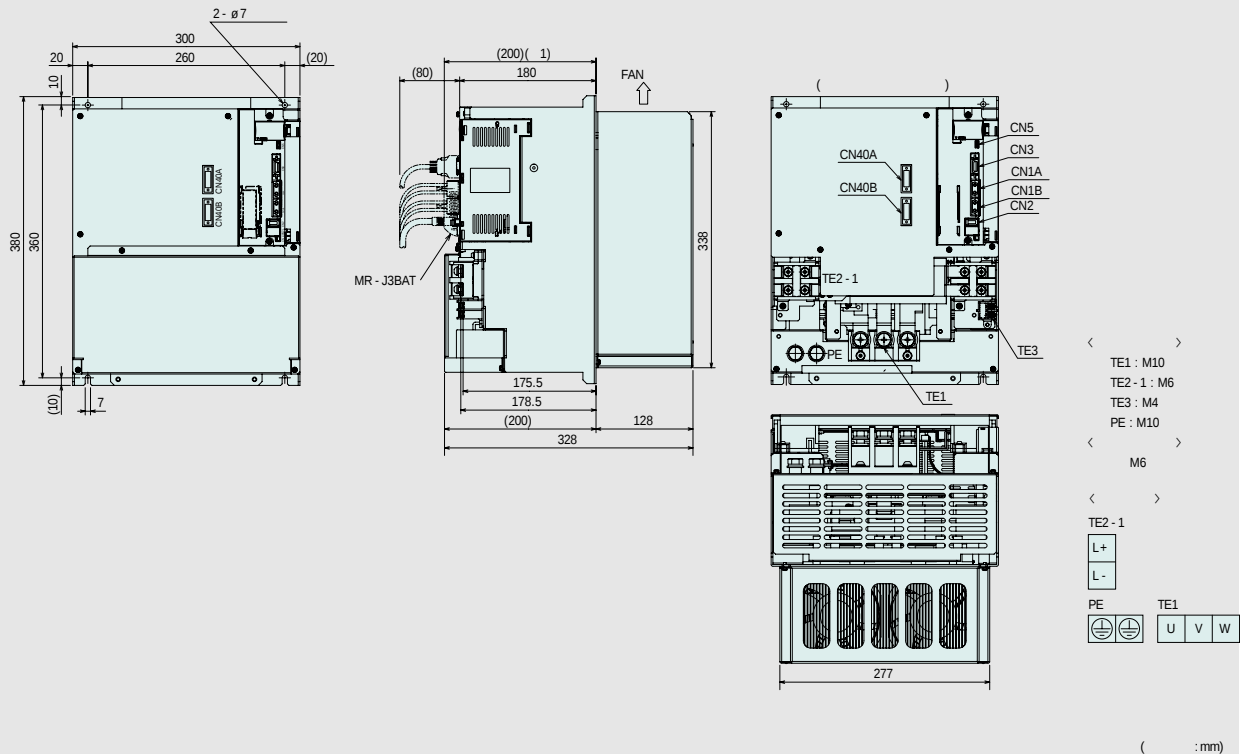


● MR-J3-11KB~22KB, 11KB4~22KB4

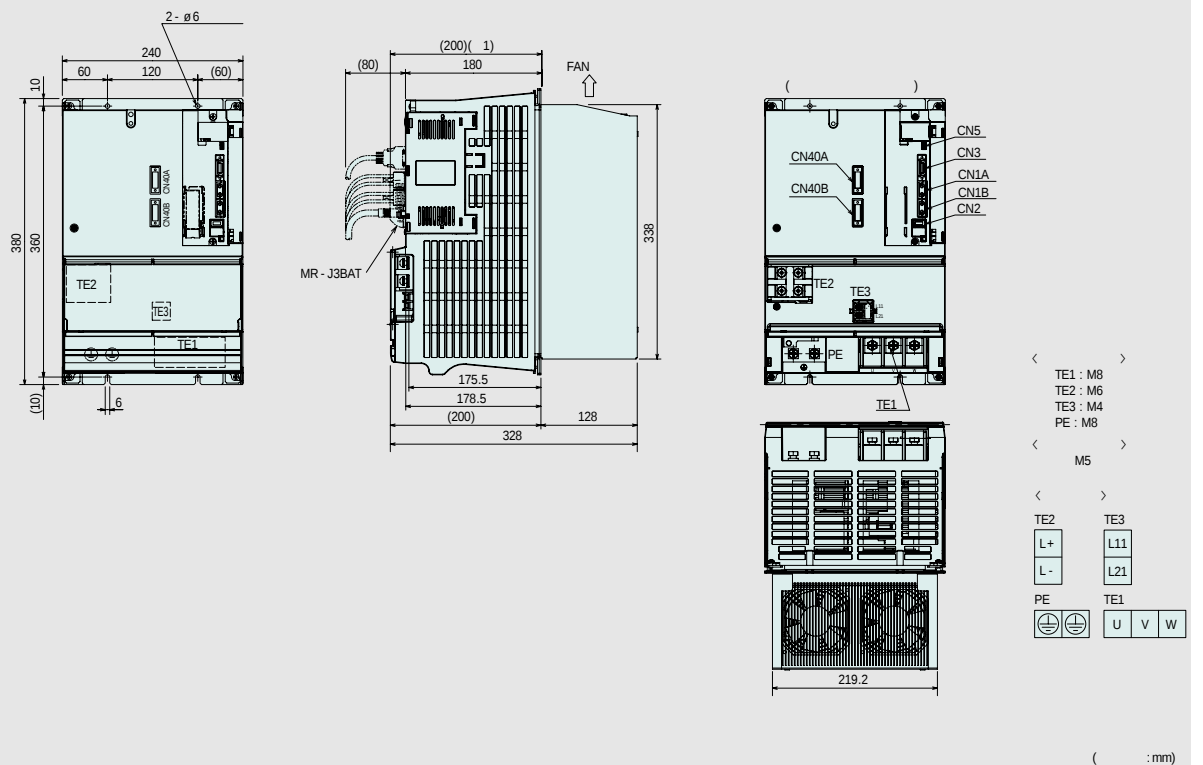


MR-J3-DU□KB

- MR-J3-DU30KB, DU37KB, 45KB4, 55KB4 (2)



- MR-J3-DU30KB4, 37KB4 (2)



1. MR-J3BAT
- 2.
- 3.

CAD

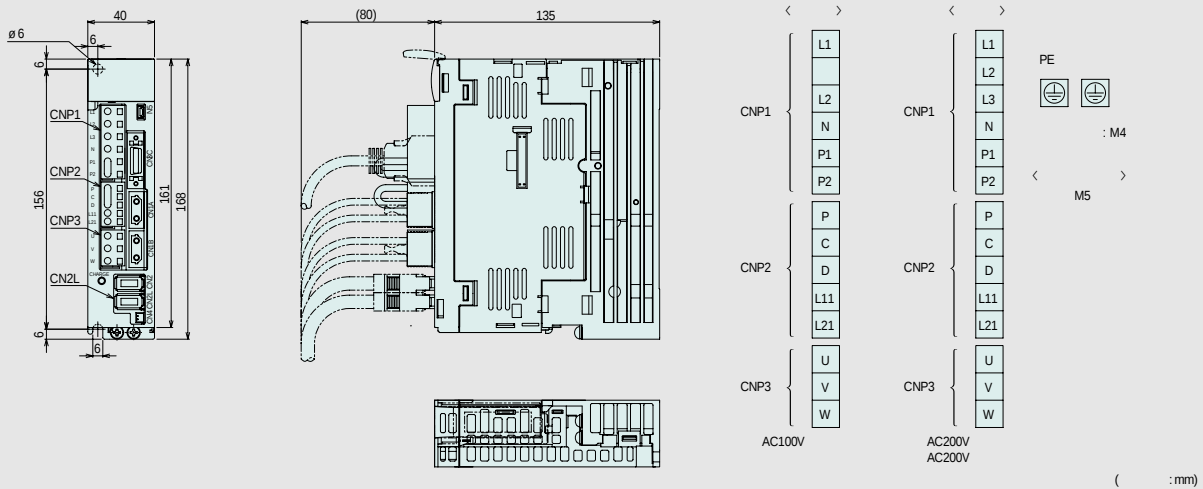
MR-J3-CR55K(4)

: <http://www.mitsubishi-automation.co.kr>

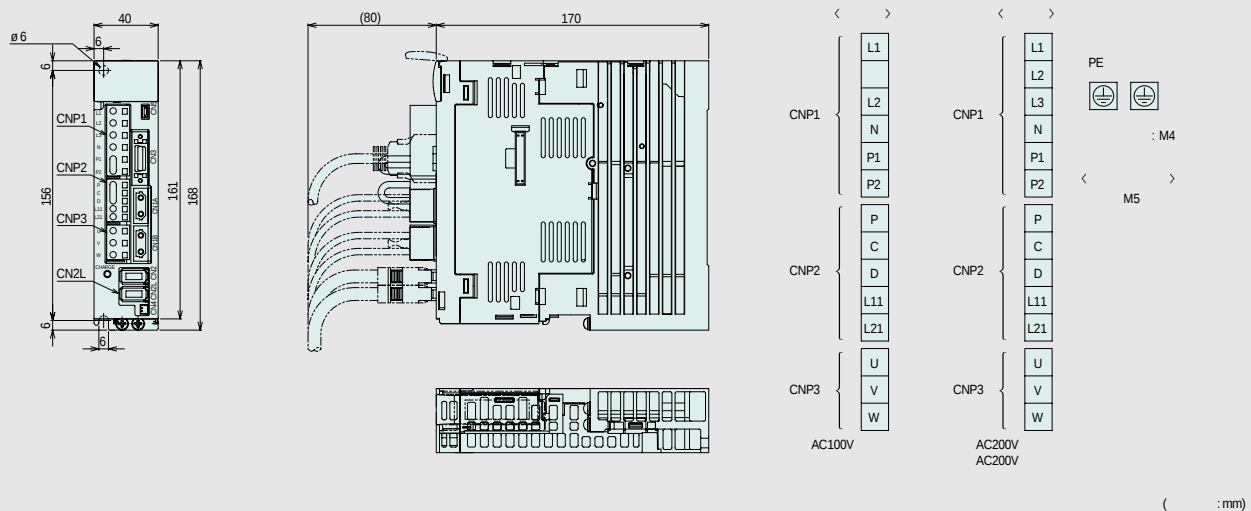
MELSERVO-J3

MR-J3- □ B-RJ006

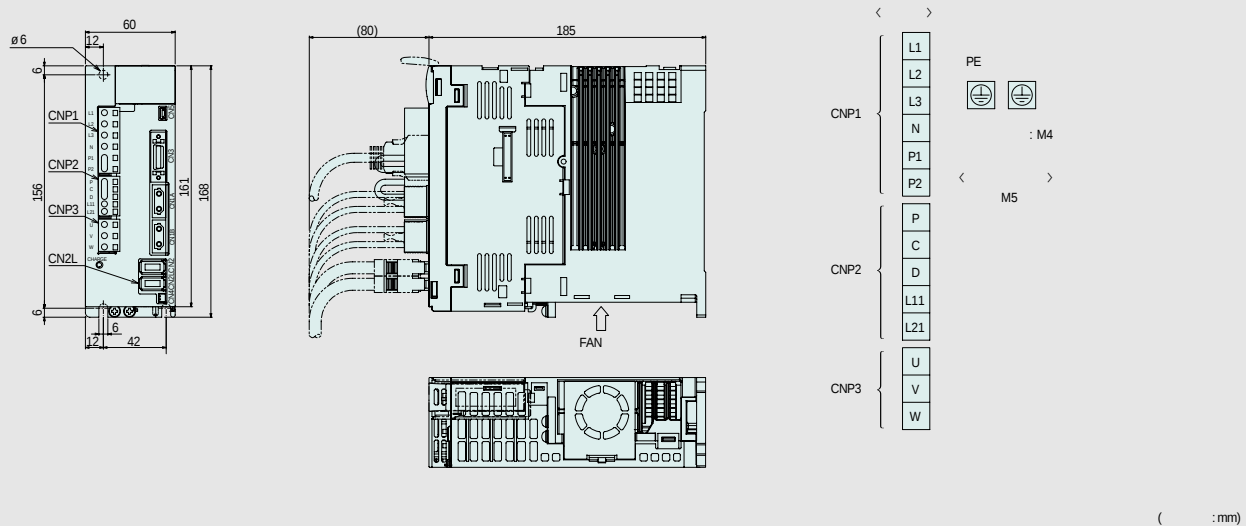
- MR-J3-10B-RJ006, 20B-RJ006, 10B1-RJ006, 20B1-RJ006 (1)



- MR-J3-40B-RJ006, 60B-RJ006, 40B1-RJ006 (1)

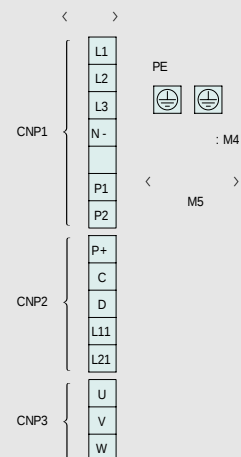
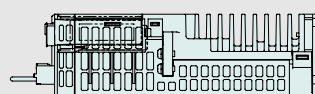
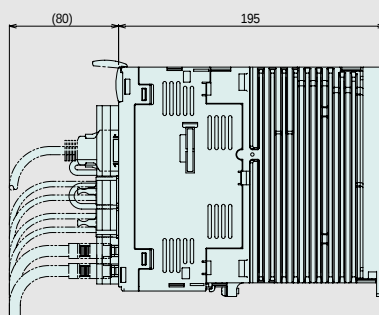
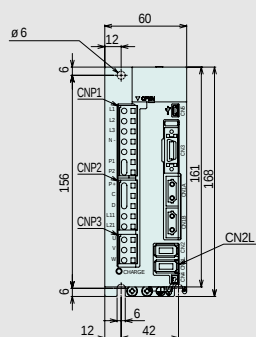


- MR-J3-70B-RJ006, 100B-RJ006 (1)



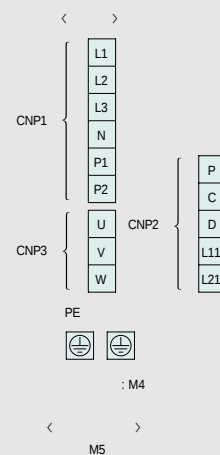
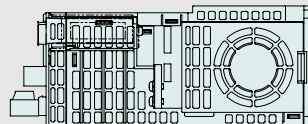
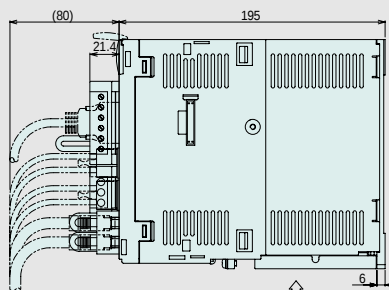
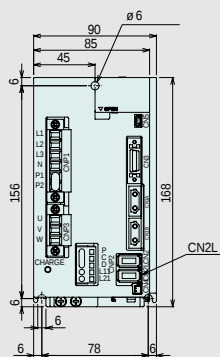
1. CNP1, CNP2, CNP3 ()
2. CAD
: <http://www.mitsubishi-automation.co.kr>

● MR-J3-60B4-RJ006(), 100B4-RJ006() (1)



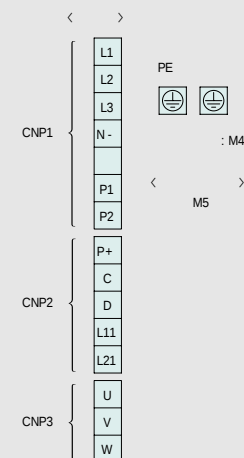
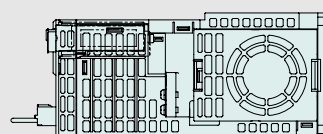
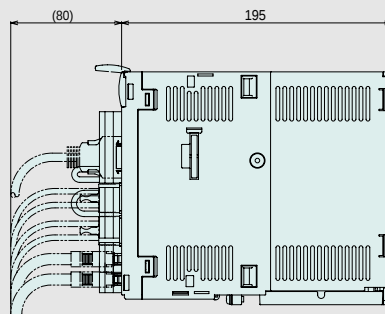
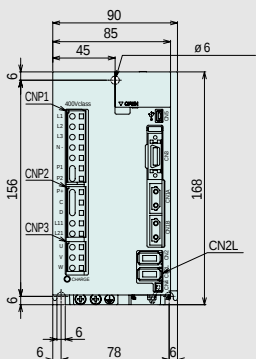
(:mm)

● MR-J3-200B-RJ006, 350B-RJ006 (1)



(:mm)

● MR-J3-200B4-RJ006(), 350B4-RJ006() (1)



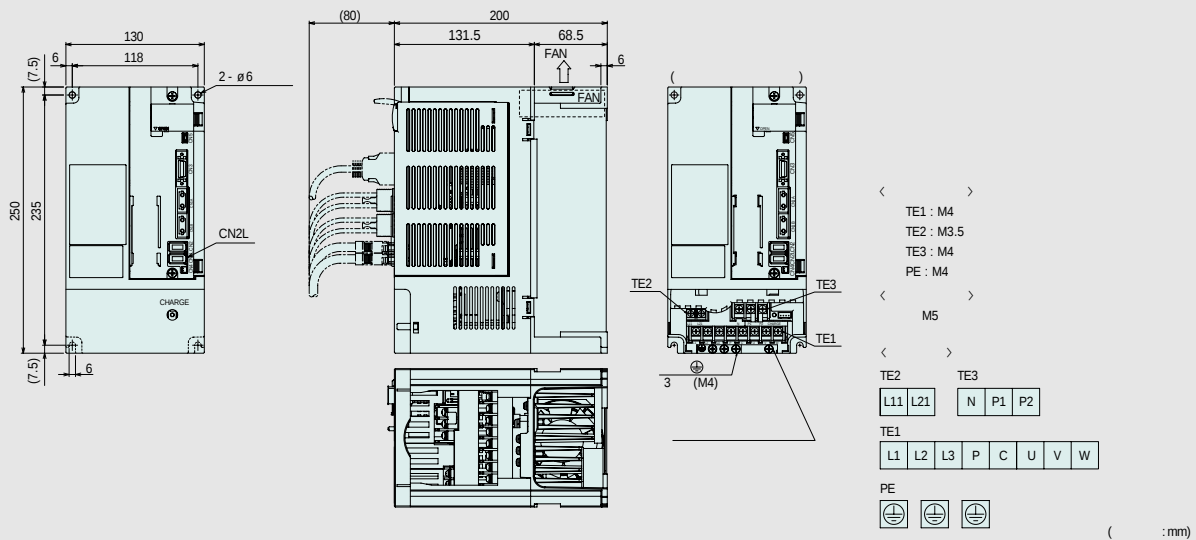
(:mm)

1. CNP1 , CNP2 , CNP3 ()
2. CAD .()
: <http://www.mitsubishi-automation.co.kr>

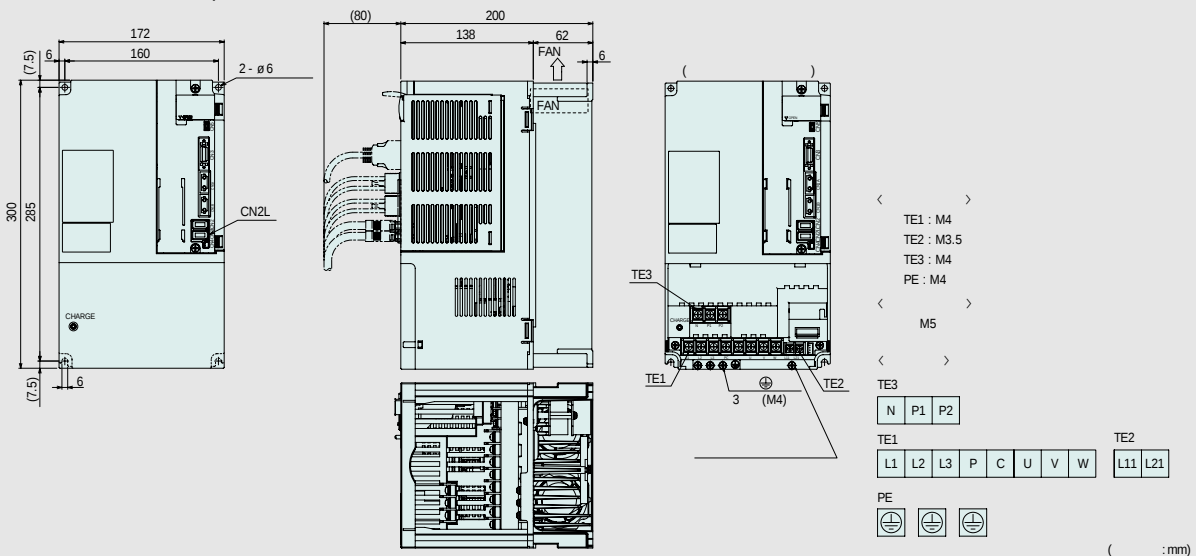
MELSERVO-J3

MR-J3-□B-RJ006

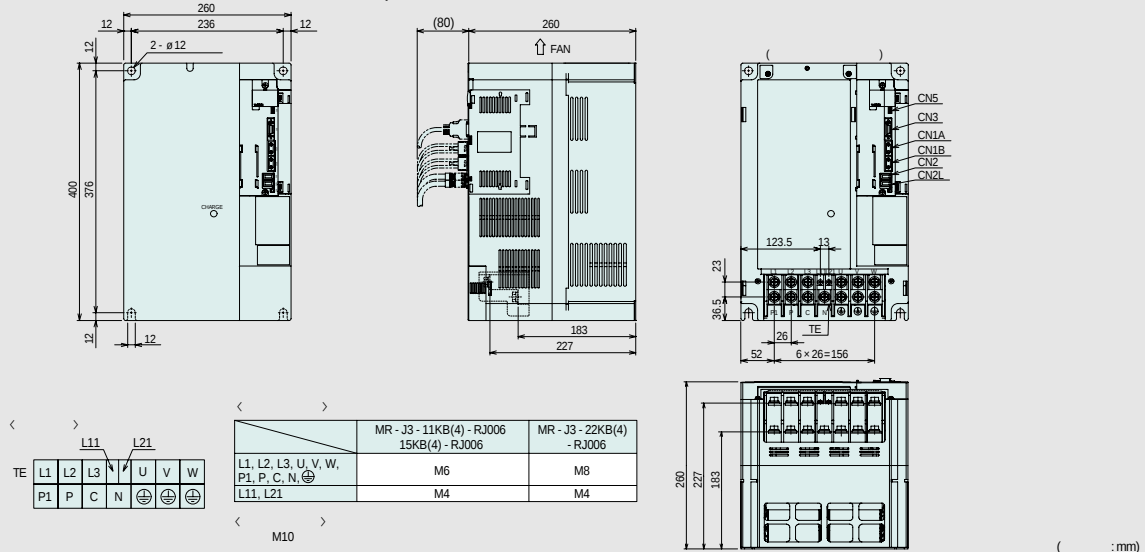
● MR-J3-500B-RJ006, 500B4-RJ006



● MR-J3-700B-RJ006, 700B4-RJ006

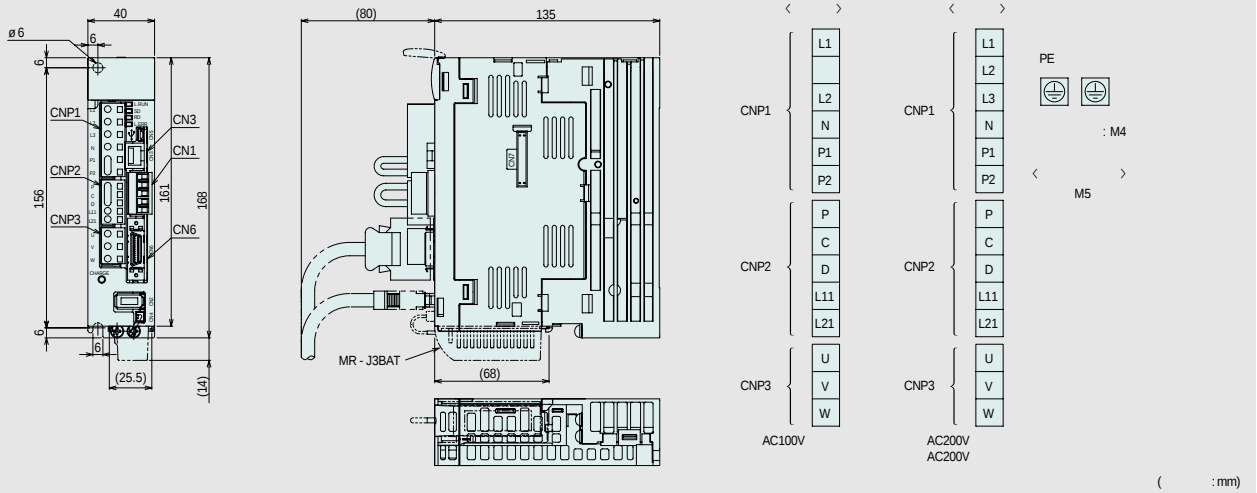


● MR-J3-11KB-RJ006~22KB-RJ006, 11KB4-RJ006~22KB4-RJ006

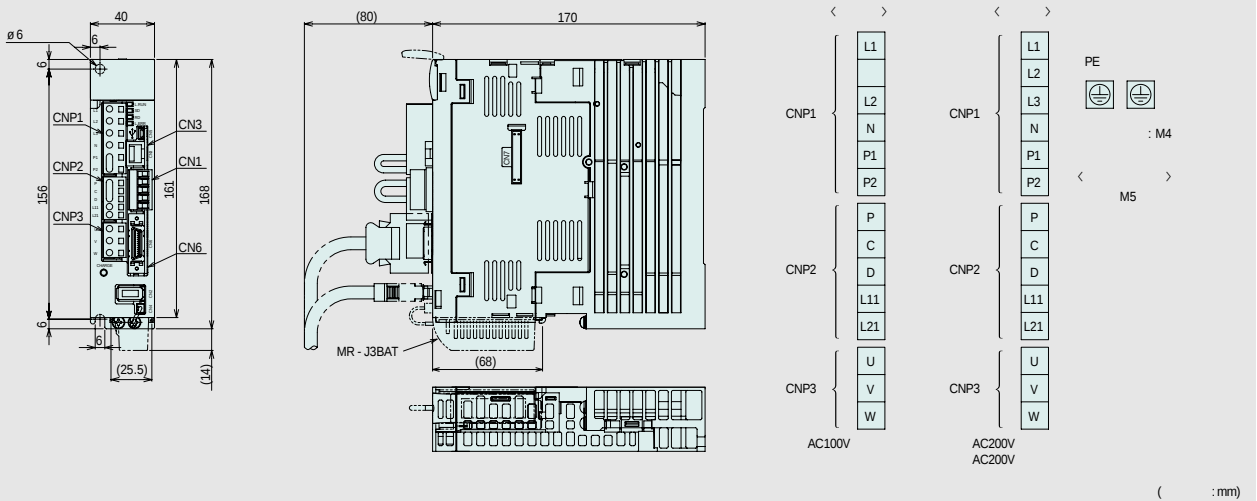


MR-J3-□T

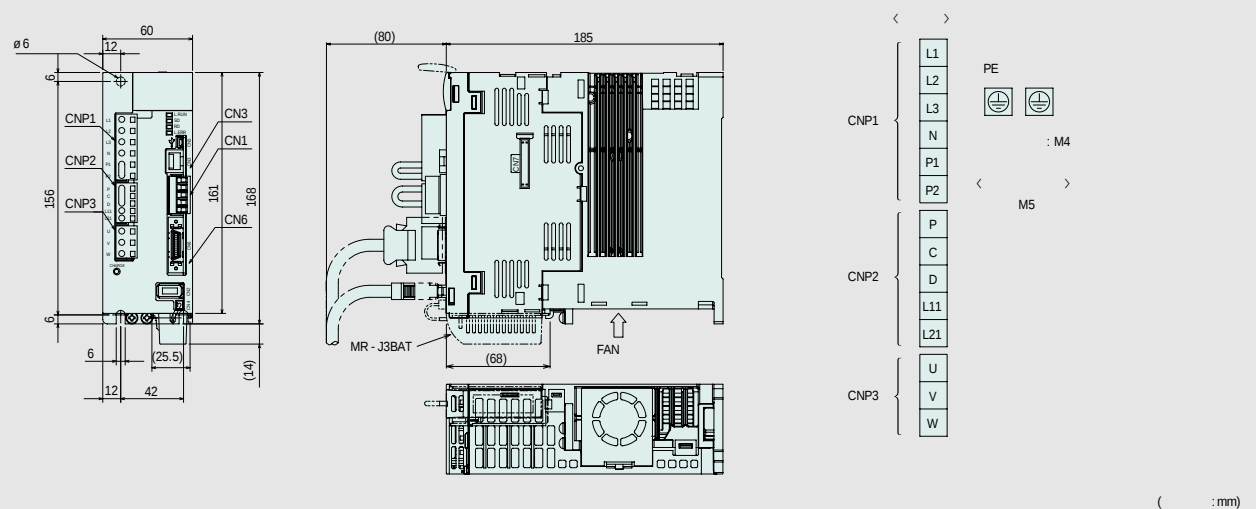
● MR-J3-10T, 20T, 10T1, 20T1 (1)



● MR-J3-40T, 60T, 40T1 (1)



● MR-J3-70T, 100T (1)

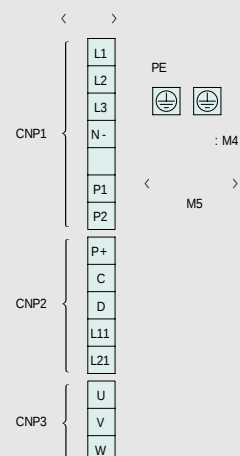
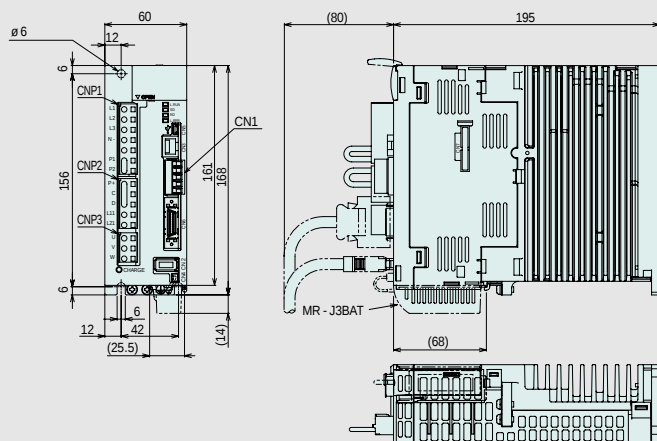


1. CNP1, CNP2, CNP3 ()
 2. CAD
<http://www.mitsubishi-automation.co.kr>

MELSERVO-J3

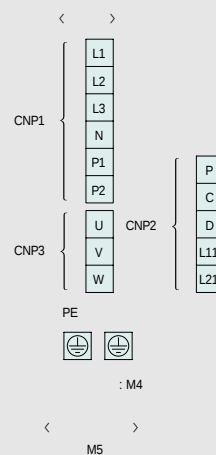
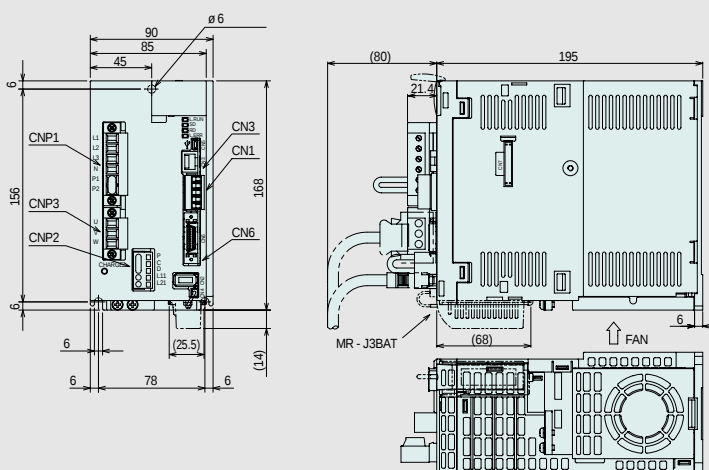
MR-J3-□T

- MR-J3-60T4(), 100T4() (1)



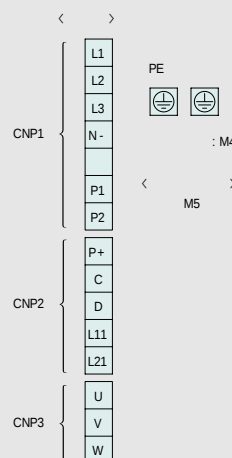
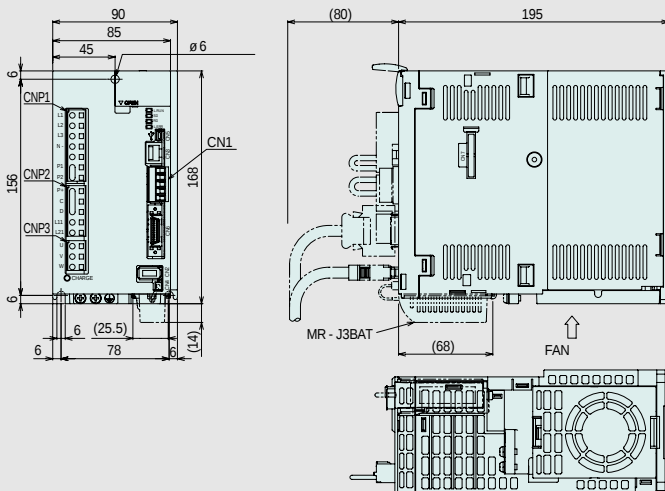
(: mm)

- MR-J3-200T, 350T (1)



(: mm)

- MR-J3-200T4(), 350T4() (1)



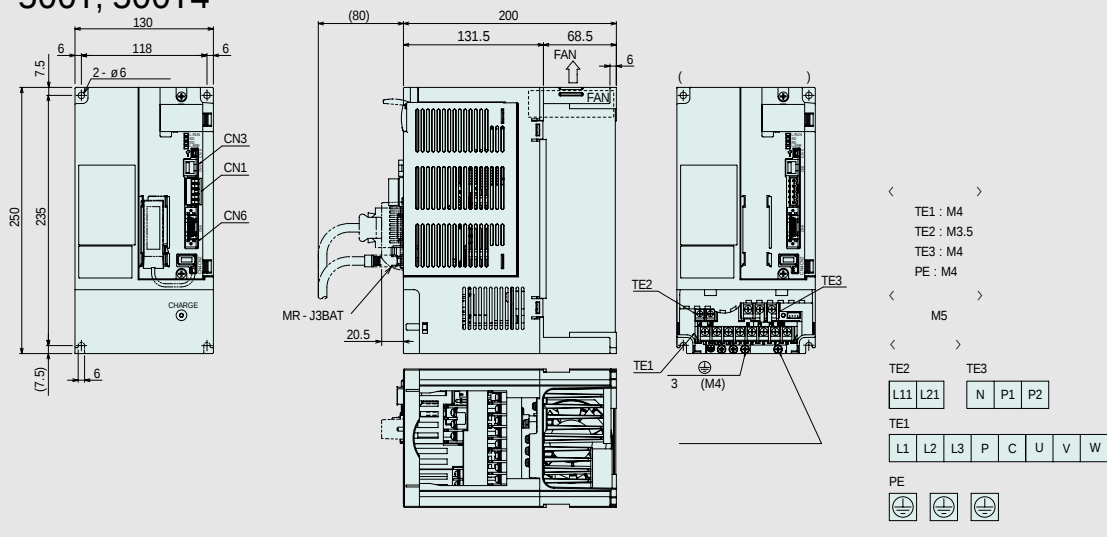
(:mm)

1. CNP1, CNP2, CNP3 ()
2. CAD

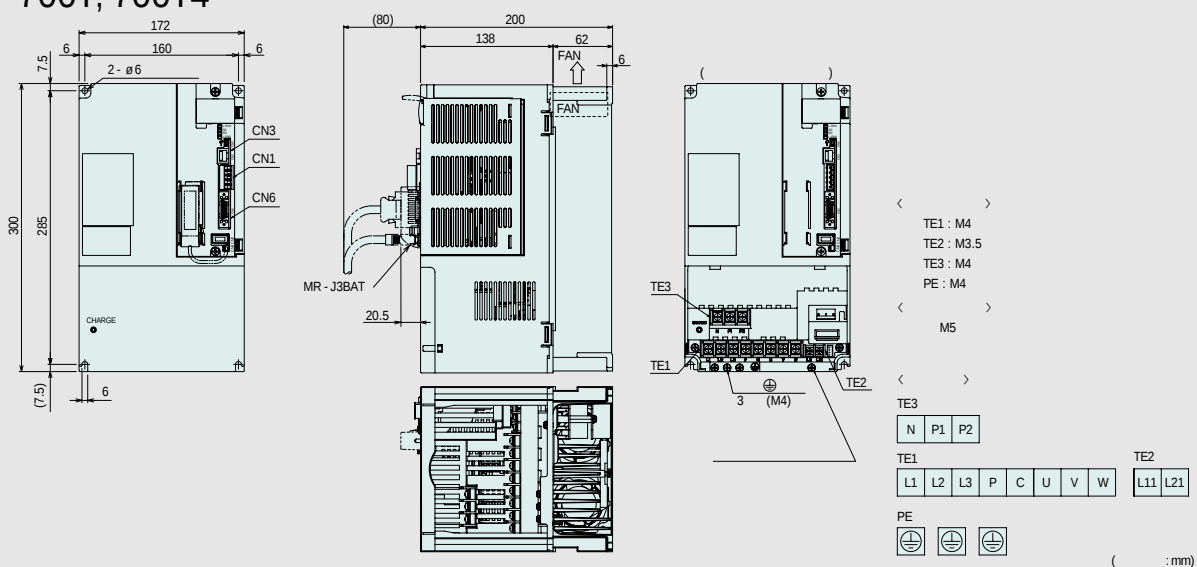
: <http://www.mitsubishi-automation.co.kr>

(MR - J3 - 200T, 60T4~350T4)

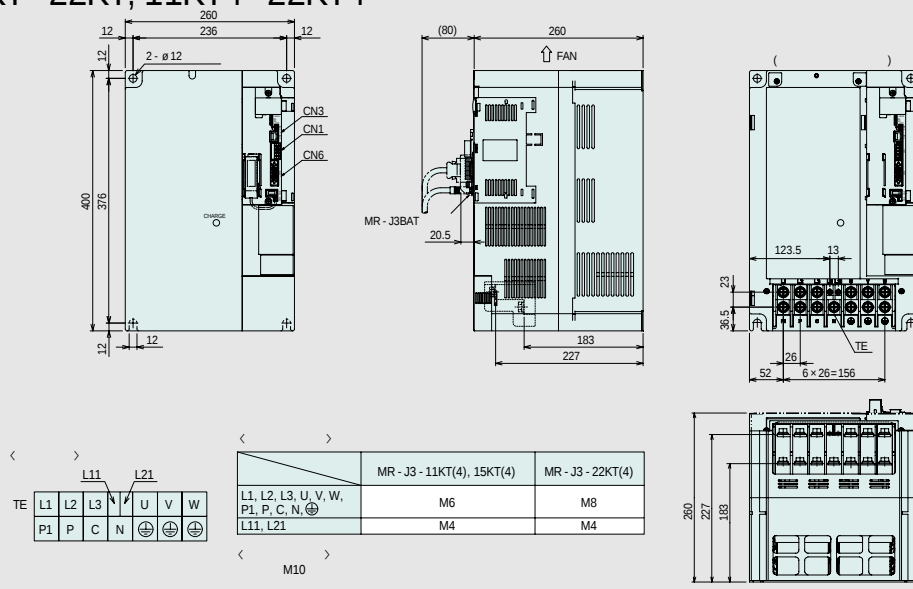
● MR-J3-500T, 500T4



● MR-J3-700T, 700T4



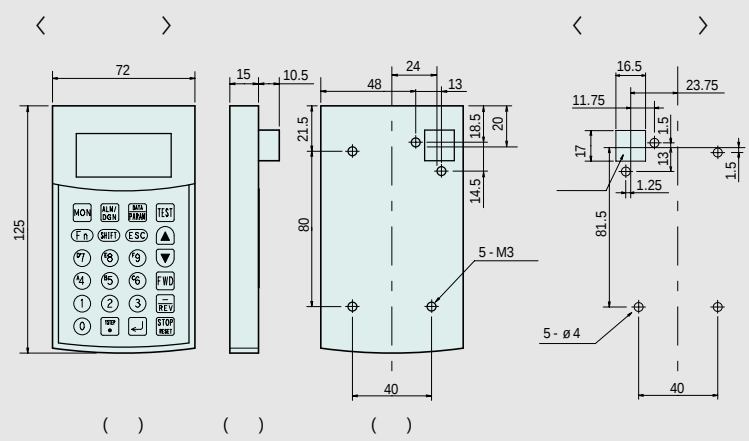
● MR-J3-11KT~22KT, 11KT4~22KT4



MELSERVO-J3

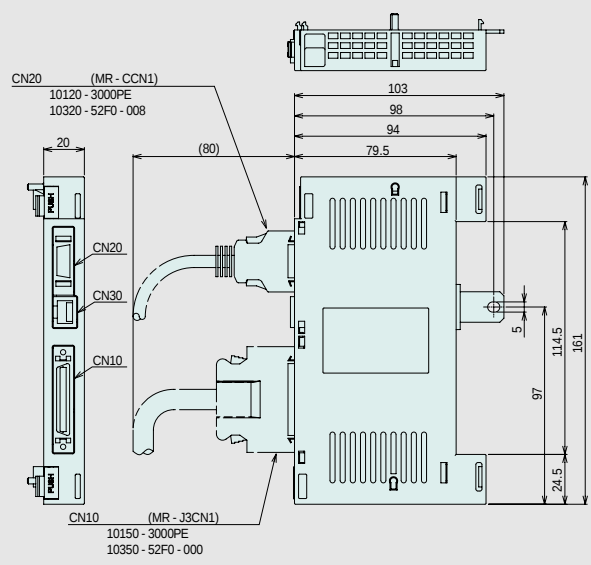
, IO

● MR-PRU03



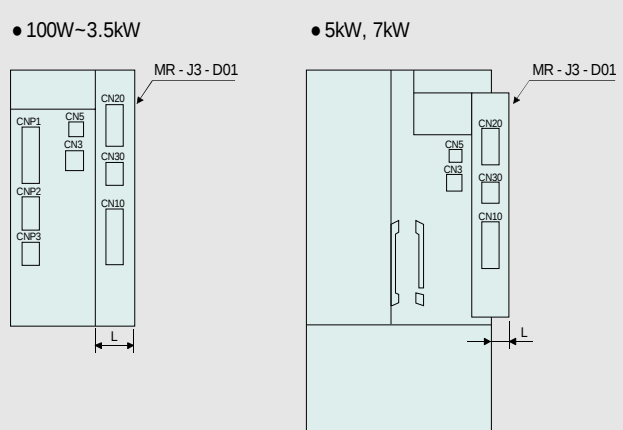
(: mm)

● MR-J3-D01



(: mm)

● MR-J3-D01



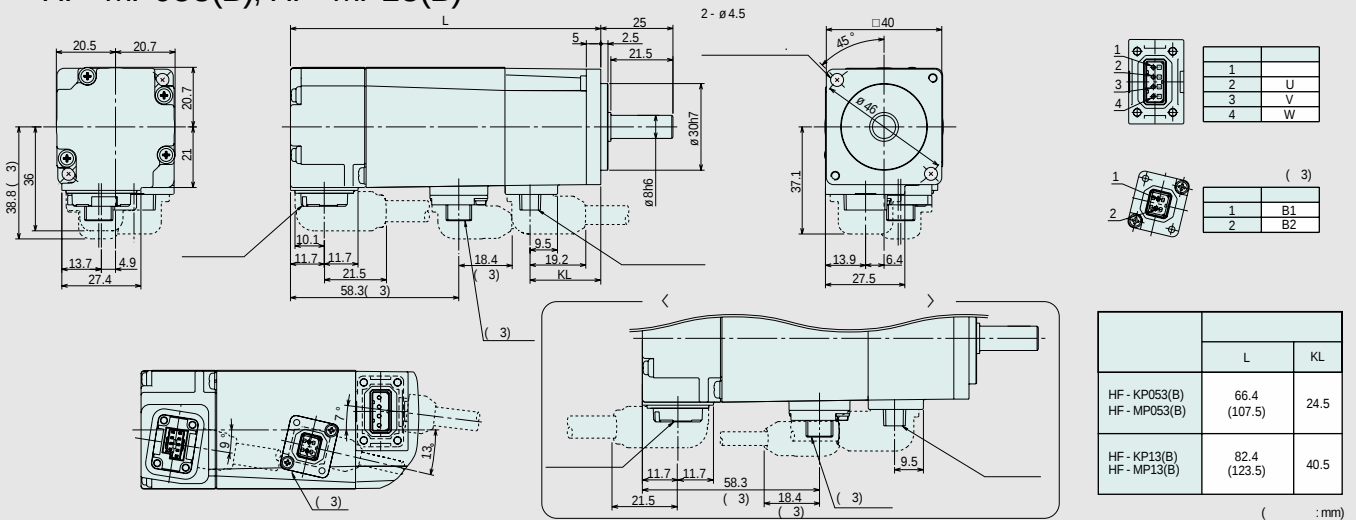
	L
MR-J3-10T(1)~100T(4) MR-J3-10A(1)-RJ040~100A-RJ040	20
MR-J3-200T(4), 350T(4) MR-J3-200A-RJ040, 350A-RJ040	15
MR-J3-500T(4), 700T(4) MR-J3-500A-RJ040, 700A-RJ040	10

) 11kW~22kW , MR-J3-D01

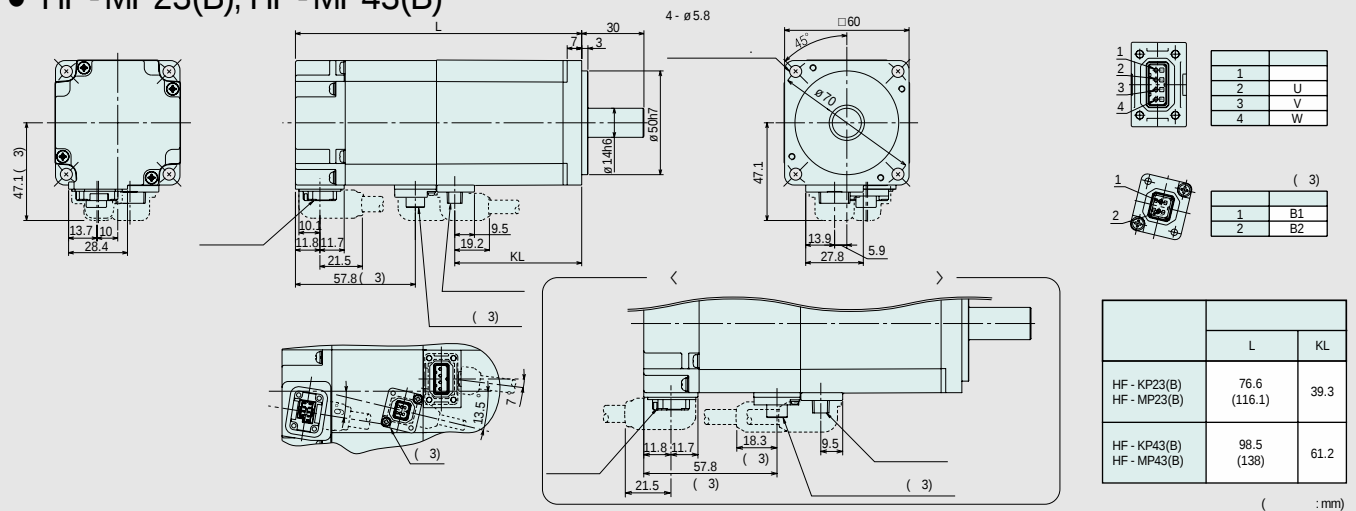
(: mm)

HF - KP/HF - MP

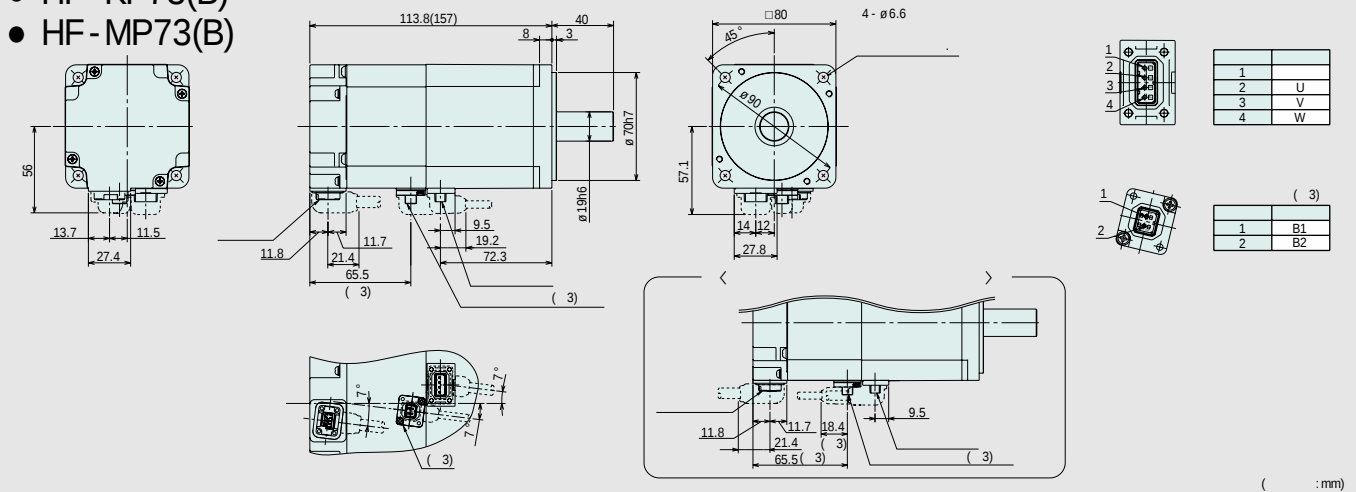
- HF - KP053(B), HF - KP13(B)
- HF - MP053(B), HF - MP13(B)



- HF - KP23(B), HF - KP43(B)
- HF - MP23(B), HF - MP43(B)



- HF - KP73(B)
- HF - MP73(B)

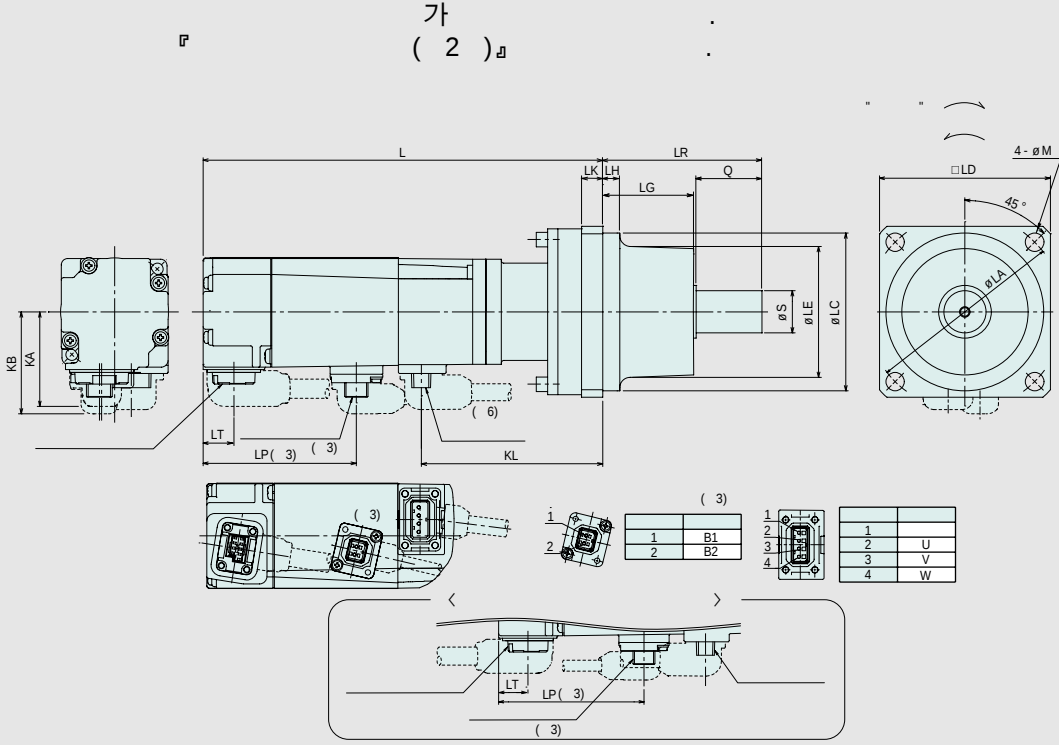


1. ()
2. ()
3. 가 (B1, B2)
4. 가
5. CAD
6. : <http://www.mitsubishi-automation.co.kr>
(HF - MP□J, HF - KP□J)

MELSERVO-J3

HF-KP/HF-MP

- HF-KP□(B) G1
- HF-MP□(B) G1



	< >	J(×10 ⁻⁴ kg·m ²)		L	LA	LC	LD	LE	S	LH	LK	KL	LG	Q	LR	M	KA	KB	LT	LP	(kg)
		HF-KP□(B)G1	HF-MP□(B)G1																		
HF-KP053(B)G1 HF-MP053(B)G1	1/5 <9/44>	0.089 (0.091)	0.056 (0.062)	110.9 (152)	75	60h7	65	50	16h6	6.5	8	69	34.5	25	60.5	7	36	37.1 (38.8)	11.7	-	1.4 (1.7)
	1/12 <49/576>	0.111 (0.113)	0.078 (0.084)	128.9 (170)								87									1.8 (2.1)
	1/20 <25/484>	0.093 (0.095)	0.060 (0.066)																		
HF-KP13(B)G1 HF-MP13(B)G1	1/5 <9/44>	0.125 (0.127)	0.069 (0.076)	126.9 (168)								85								58.3	1.6 (1.9)
	1/12 <49/576>	0.147 (0.149)	0.091 (0.098)	144.9 (186)								103									2.0 (2.3)
	1/20 <25/484>	0.129 (0.131)	0.073 (0.080)																		
HF-KP23(B)G1 HF-MP23(B)G1	1/5 <19/96>	0.400 (0.470)	0.248 (0.280)	130.1 (169.6)	100	82h7	90	73	25h6	8		92.8	38	35	74		46	47.1 (47.1)		57.8	3.3 (3.9)
	1/12 <25/288>	0.450 (0.520)	0.298 (0.330)	150.1 (189.6)								112.8									3.9 (4.5)
	1/20 <253/5000>	0.420 (0.490)	0.268 (0.300)																		
HF-KP43(B)G1 HF-MP43(B)G1	1/5 <19/96>	0.570 (0.650)	0.300 (0.330)	152 (191.5)							10	114.7				9			11.8		3.9 (4.4)
	1/12 <25/288>	0.620 (0.700)	0.350 (0.380)	172 (211.5)								134.7									4.5 (5.0)
	1/20 <253/5000>	0.930 (1.01)	0.660 (0.690)	175.5 (215)								138.2									5.6 (6.1)
HF-KP73(B)G1 HF-MP73(B)G1	1/5 <1/5>	1.85 (2.05)	1.02 (1.12)	178.8 (222)	115	95h7	100	86	32h6	10		137.3	39	50	90		56	57.1 (57.1)		65.5	6.1 (7.1)
	1/12 <525/6048>	2.52 (2.72)	1.69 (1.79)	200.8 (244)								159.3									7.2 (8.2)
	1/20 <625/12544>	2.58 (2.78)	1.75 (1.85)	213.8 (257)								172.3									10 (11)

1. ()
2. ()
3. (B1, B2)
4. + (+)
5. 가 1~3mm 가
6. CAD
7. http://www.mitsubishi-automation.co.kr

$\succ$

- ⌈

•

6: <http://www.mitsubishi-automation.co.kr>

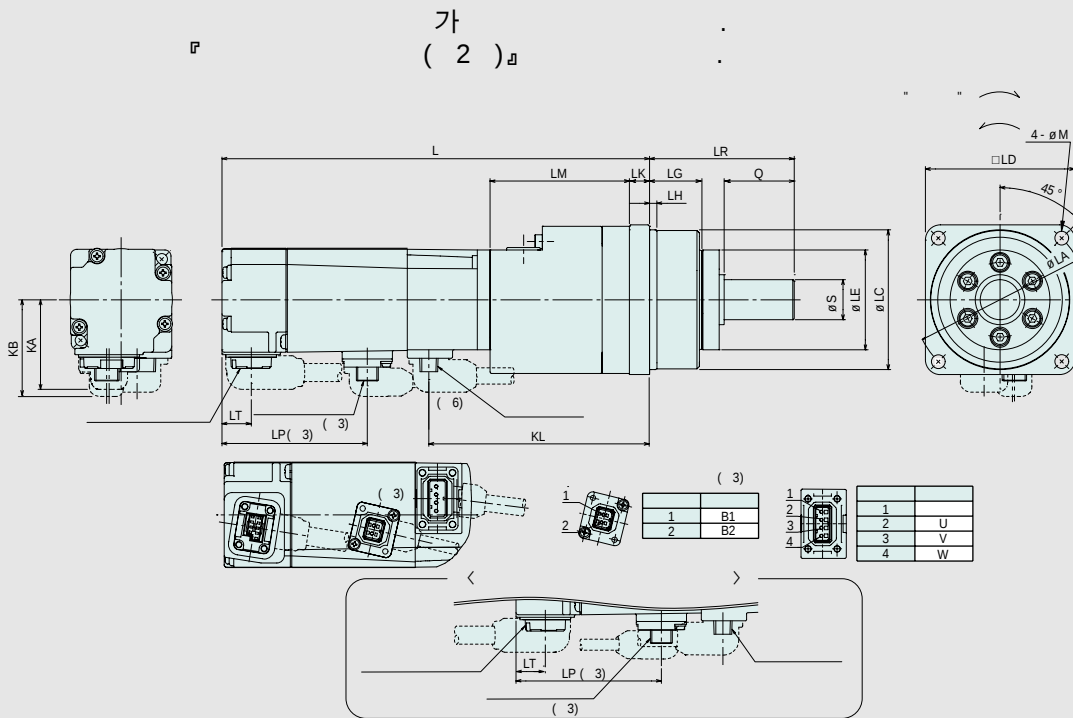
가

HF - MP23(B)G5/HF - KP23(B)G5 1/21, 1/33, 1/45

MELSERVO-J3

HF-KP/HF-MP

- HF-KP□(B) G7
- HF-MP□(B) G7

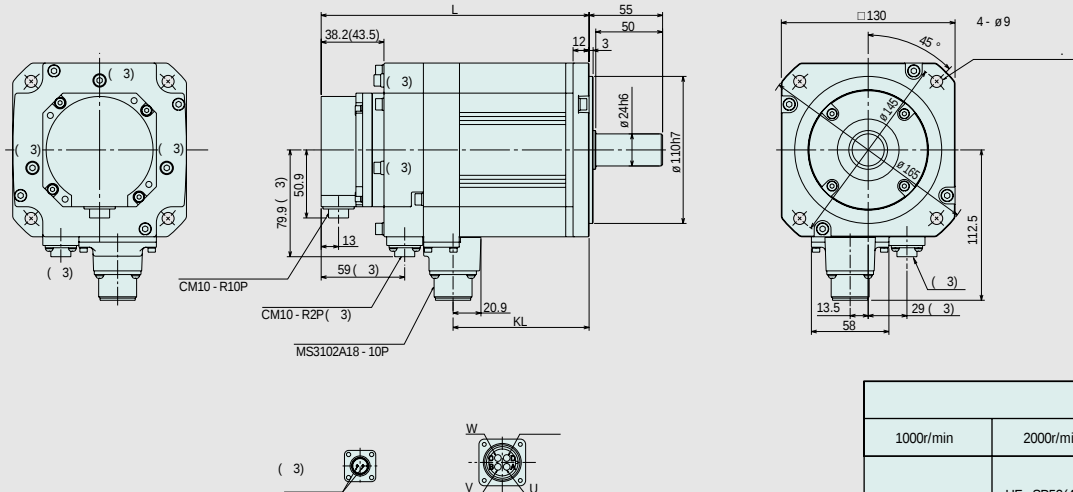


(: mm)																						
		J (× 10 ⁻⁴ kg · m³)																			(kg)	
		HF - KP□(B)G7	HF - MP□(B)G7	L	LA	LC	LD	LE	S	LG	LH	Q	LR	LK	LM	KL	M	KA	KB	LT		LP
HF - KP053(B)G7 HF - MP053(B)G7 (6)	1/5	0.126 (0.128)	0.093 (0.099)	130.4 (171.5)	70	56h7	60	40	16h7	21	3	28	58	8	56	88.5	5.5	36	37.1 (38.8)	11.7	- (58.3)	1.2 (1.5)
	1/11	0.113 (0.115)	0.080 (0.086)																			1.3 (1.6)
	1/21	0.103 (0.105)	0.070 (0.076)																			
	1/33	0.097 (0.099)	0.064 (0.070)																			
	1/45	0.097 (0.099)	0.064 (0.070)																			
HF - KP13(B)G7 HF - MP13(B)G7 (6)	1/5	0.162 (0.164)	0.106 (0.113)	146.4 (187.5)	105	85h7	90	59	25h7	27	8	42	80	10	56.5	107	9					1.4 (1.7)
	1/11	0.149 (0.151)	0.093 (0.100)																			1.5 (1.8)
	1/21	0.139 (0.141)	0.083 (0.090)																			
	1/33	0.151 (0.153)	0.095 (0.102)																			3.0 (3.3)
	1/45	0.149 (0.151)	0.093 (0.100)																			
HF - KP23(B)G7 HF - MP23(B)G7 (6)	1/5	0.447 (0.517)	0.295 (0.327)	140.6 (180.1)	70	56h7	60	40	16h7	21	3	28	58	8	56	103.3	5.5	46	47.1 (47.1)		- (57.8)	1.9 (2.5)
	1/11	0.443 (0.513)	0.291 (0.323)																			2.0 (2.6)
	1/21	0.740 (0.810)	0.588 (0.620)																			
	1/33	0.693 (0.763)	0.541 (0.573)																			3.8 (4.5)
	1/45	0.691 (0.761)	0.539 (0.571)																			
HF - KP43(B)G7 HF - MP43(B)G7	1/5	0.627 (0.707)	0.357 (0.387)	162.5 (202)	70	56h7	60	40	16h7	21	3	28	58	8	56	125.2	5.5			11.8		2.4 (3.0)
	1/11	1.00 (1.08)	0.734 (0.764)																			4.4 (5.0)
	1/21	0.920 (1.00)	0.650 (0.680)																			
	1/33	0.976 (1.06)	0.706 (0.736)																			7.5 (8.1)
	1/45	0.967 (1.05)	0.697 (0.727)																			
HF - KP73(B)G7 HF - MP73(B)G7	1/5	2.12 (2.32)	1.29 (1.39)	191.8 (235)	105	85h7	90	59	25h7	27	8	42	80	10	68	150.3	9	56	57.1 (57.1)		- (65.5)	5.3 (6.3)
	1/11	2.00 (2.20)	1.17 (1.27)																			5.6 (6.6)
	1/21	2.20 (2.40)	1.37 (1.47)																			
	1/33	1.97 (2.17)	1.14 (1.24)																			8.7 (9.7)
	1/45	1.96 (2.16)	1.13 (1.23)																			

1. ()
2. ()
3. (B1, B2)
4. + (+)
5. 가 가 1~3mm 가
6. HF-MP053 B G7/HF-KP053 B G7, HF-MP13 B G7/HF-KP13 B G7 HF-MP23 B G7/HF-KP23 B G7 1/21, 1/33, 1/45

HF - SP

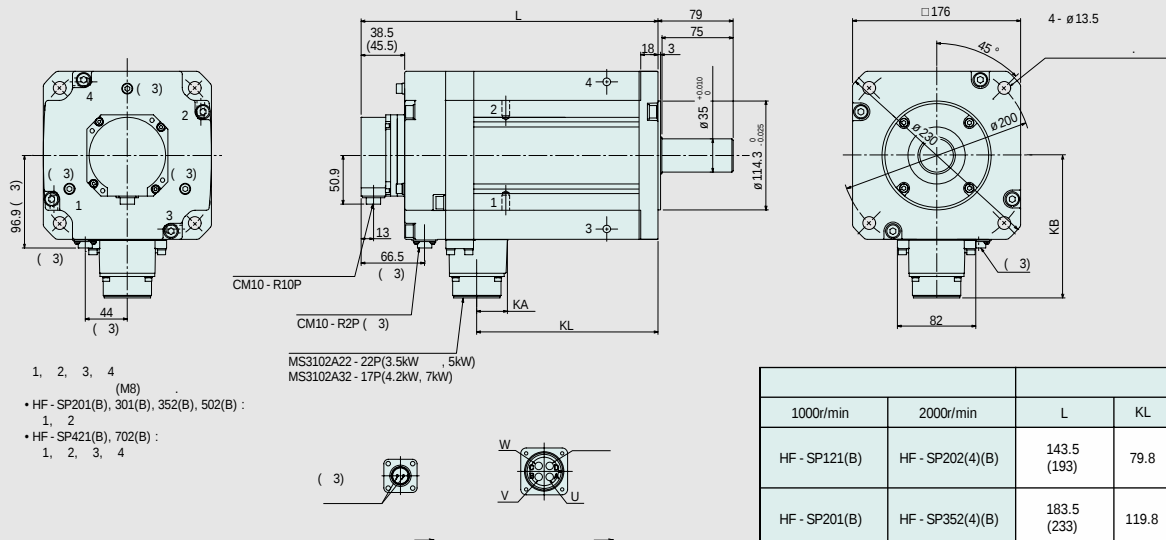
- HF - SP51(B), HF - SP81(B)
- HF - SP52(B)~HF - SP152(B), HF - SP524(B)~HF - SP1524(B)()



1000r/min	2000r/min	L	KL
-	HF - SP52(4)(B)	118.5 (153)	57.8
HF - SP51(B)	HF - SP102(4)(B)	140.5 (175)	79.8
HF - SP81(B)	HF - SP152(4)(B)	162.5 (197)	101.8

(:mm)

- HF - SP121(B), HF - SP421(B)
- HF - SP202(B)~HF - SP702(B), HF - SP2024(B)()~HF - SP3524()
- HF - SP5024, HF - SP7024



- 1, 2, 3, 4
(MB)
• HF - SP201(B), 301(B), 352(B), 502(B) :
1, 2
• HF - SP421(B), 702(B) :
1, 2, 3, 4

1000r/min	2000r/min	L	KL	KA	KB
HF - SP121(B)	HF - SP202(4)(B)	143.5 (193)	79.8	24.8	140.9
HF - SP201(B)	HF - SP352(4)(B)	183.5 (233)	119.8		
HF - SP301(B)	HF - SP502(4)(B)	203.5 (253)	139.8		
HF - SP421(B)	HF - SP702(4)(B)	263.5 (313)	191.8	32	149.1

(:mm)

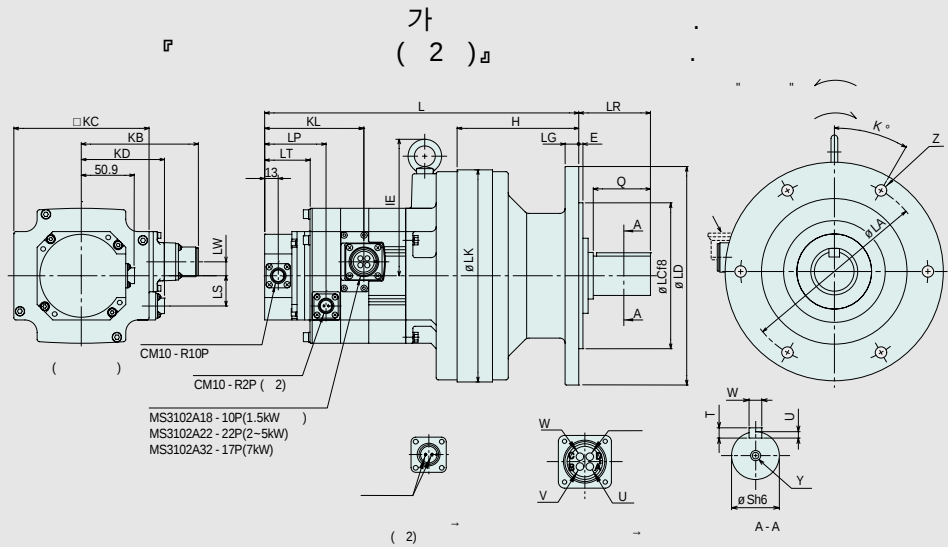
1. ()
2. ()
3. 가
4. CAD
5. (400V)

: <http://www.mitsubishi-automation.co.kr>

MELSERVO-J3

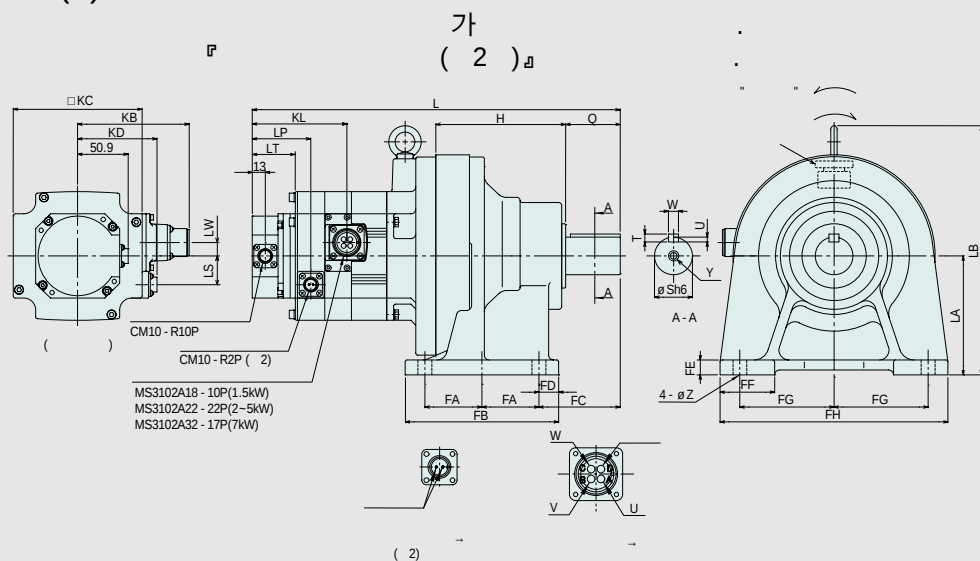
HF-SP

● HF-SP□(B) G1



		J (×10 ⁴ kg · m ²)																						(kg)					
			L	LA	LC	LD	LG	LK	LR	IE	KL	LP	LT	LW	LS	Z	K	E	H	KB	KD	KC	Q	S	T	U	W	Y	
HF- SP52(4)(B)G1 (6)	1/6	7.10 (9.30)	275 (309)	134	110	160	9	150	48	119	60.7 (95.2)	(59)	38.2 (43.5)	13.5	(29)	4-φ11	45	3	108	112.5	(79.9)	130	35	28	7	4	8	M8 20	18.3 (20.2)
	1/11	6.70 (8.80)																											
	1/17	6.60 (8.70)																											
	1/29	6.50 (8.70)	268 (302)	180	140	210	13	204	69	132	60.7 (95.2)	(59)	38.2 (43.5)	13.5	(29)	6-φ11	30	4	117	112.5	(79.9)	130	55	38	8	5	10	M8 20	26.8 (28.7)
	1/35	7.30 (9.40)																											
	1/43	7.30 (9.40)																											
HF- SP102(4)(B)G1 (6)	1/59	7.20 (9.40)	290 (324)	180	140	210	13	204	69	132	60.7 (95.2)	(59)	38.2 (43.5)	13.5	(29)	6-φ11	30	4	117	112.5	(79.9)	130	55	38	8	5	10	M8 20	28.5 (30.5)
	1/6	15.4 (17.5)																											
	1/11	13.9 (16.0)																											
	1/17	13.5 (15.6)	335(369) 393(427)	230	200	260	15	230	76	145	60.7(95.2)	(59)	38.2(43.5)	13.5	(29)	6-φ11	60	4	164	112.5 (79.9)	130	70	50	9	5.5	14	M10 18	47.5(49.5) 82.5(84.5)	
	1/29	13.2 (15.3)																											
	1/35	13.2 (15.3)																											
HF- SP152(4)(B)G1 (6)	1/43	14.3 (16.5)	312 (346)	180	140	210	13	204	69	132	60.7 (95.2)	(59)	38.2 (43.5)	13.5	(29)	6-φ11	30	4	117	112.5	(79.9)	130	55	38	8	5	10	M8 20	30.3 (32.3)
	1/59	20.3 (22.4)																											
	1/17	19.4 (21.6)																											
	1/29	20.4 (22.6)	357 (391)	230	200	260	15	230	76	145	60.7 (95.2)	(59)	38.2 (43.5)	13.5	(29)	6-φ11	60	4	164	112.5	(79.9)	130	70	50	9	5.5	14	M10 18	49.3 (51.3) 84.3 (86.3)
	1/35	20.4 (22.5)																											
	1/43	26.3 (28.4)																											
HF- SP202(4)(B)G1 (6)	1/59	26.2 (28.3)	415 (449)	310	270	340	20	300	89	192	60.7 (95.2)	(59)	38.2 (43.5)	13.5	(29)	6-φ11	60	4	219	112.5	(79.9)	130	90	60	11	7	18	M8 20	34 (40)
	1/6	42.1 (51.7)																											
	1/11	40.5 (50.2)																											
	1/17	40.2 (49.8)	408 (457)	310	270	340	20	300	89	181	63.7 (113.2)	(66.5)	38.5 (45.5)	0	(44)	6-φ11	30	4	117	140.9	(96.9)	176	55	38	8	5	10	M10 18	84 (90)
	1/29	46.9 (56.6)																											
	1/35	46.7 (56.4)																											
HF- SP352(4)(B)G1 (6)	1/43	46.4 (56.1)	448 (497)	310	270	340	20	300	89	181	63.7 (113.2)	(66.5)	38.5 (45.5)	0	(44)	6-φ11	60	4	219	140.9	(96.9)	176	90	60	11	7	18	M10 18	57 (63) 91 (97)
	1/59	46.4 (56.0)																											
	1/6	84.4 (94.0)																											
	1/11	80.1 (89.8)	487 (537)	360	316	400	22	340	94	181	63.7 (113.2)	(66.5)	38.5 (45.5)	0	(44)	8-φ14	22.5	5	258	140.9	(96.9)	176	90	70	12	7.5	20	M12 24	133 (139)
	1/17	78.8 (88.5)																											
	1/29	83.9 (93.6)																											
HF- SP502(4)(B)G1	1/35	83.7 (93.3)	468 (517)	310	270	340	20	300	89	181	63.7 (113.2)	(66.5)	38.5 (45.5)	0	(44)	6-φ11	60	4	219	140.9	(96.9)	176	90	60	11	7	18	M10 18	95 (101)
	1/43	101.9 (111.5)																											
	1/59	101.3 (110.9)																											
	1/6	121.2 (130.8)	531 (581)	390	345	430	22	370	110	176	63.7 (113.2)	(66.5)	38.5 (45.5)	0	(44)	8-φ18	22.5	5	279	140.9	(96.9)	176	110	80	14	9	22	M12 24	162 (168)
	1/11	108.9 (118.5)																											
	1/17	104.8 (114.5)																											
HF- SP702(4)(B)G1	1/29	135.6 (145.3)	528(577)	310	270	340	20	300	89	181	71.7(121.2)	(66.5)	38.5(45.5)	0	(44)	6-φ11	60	4	219	149.1	(96.9)	176	90	60	11	7	18	M10 18	104(110)
	1/35	135.1 (144.8)																											
	1/43	134.1 (143.8)																											
	1/59	132.9 (142.6)	567 (617)	360	316	400	22	340	94	181	71.7 (121.2)	(66.5)	38.5 (45.5)	0	(44)	8-φ14	22.5	5	258	149.1	(96.9)	176	90	70	12	7.5	20	M12 24	146 (152) 171 (177)
	1/6	177.4 (187.0)																											
	1/11	190.2 (199.9)																											
1/17	182.7 (192.4)	591 (641)	390	345	430	22	370	110	176	71.7 (121.2)	(66.5)	38.5 (45.5)	0	(44)	8-φ18	22.5	5	279	149.1	(96.9)	176	110	80	14	9	22	M20 34	240 (246)	
1/29	192.3 (202.0)																												
1/35	191.8 (201.5)																												
1/43	269.8 (278.3)	647 (697)	450	400	490	30	430	145	210	71.7 (121.2)	(66.5)	38.5 (45.5)	0	(44)	12-φ18	15	6	320	149.1	(96.9)	176	135	95	14	9	25	M20 34	240 (246)	
1/59	268.0 (276.5)																												

● HF-SP□(B) G1H

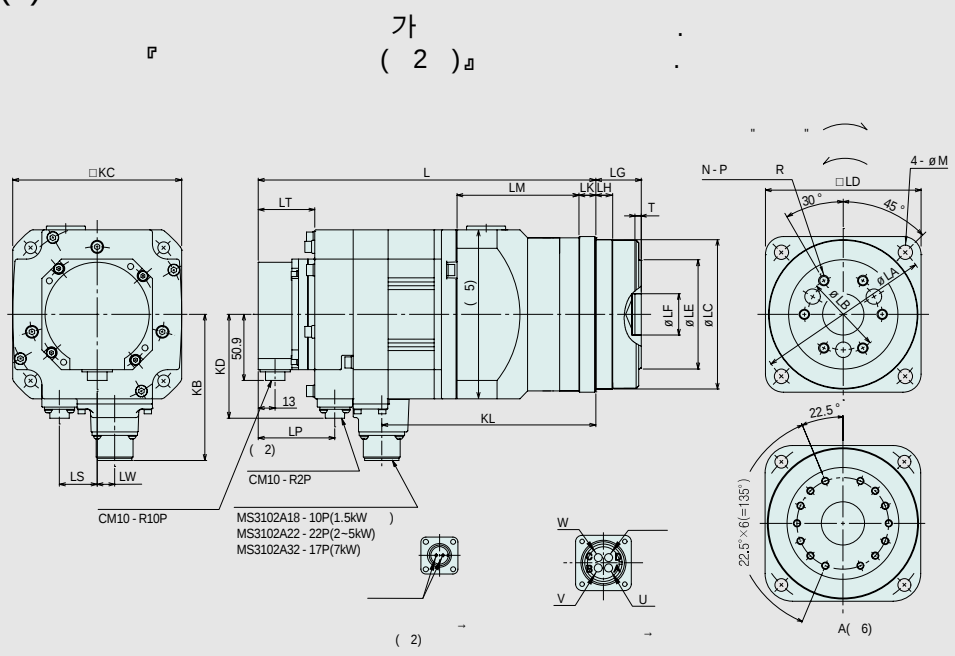


		J (× 10 ⁻⁴ · kg · m ²)																									(kg)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
		L	LA	LB	LS	LT	LP	LW	H	KL	KB	KD	KC	Z	FA	FB	FC	FD	FE	FF	FG	FH	Q	S	T	U		W	Y																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
HF - SP52(4)(B)G1H (6)	1/6	7.10 (9.30)	323 (358)	100	219 (29)	38.2 (43.5)	(59)	13.5	121	60.7 (95.2)	112.5	(79.9)	130	11	45	135	60	15	12	40	75	180	35	28	7	4	8	M8 20	20.8 (22.7)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
	1/11	6.70 (8.80)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
	1/17	6.60 (8.70)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
	1/29	6.50 (8.70)	337 (371)	120	252 (29)	38.2 (43.5)	(59)	13.5	131	60.7 (95.2)	112.5	(79.9)	130	14	57.5	155	82	20	15	55	95	230	55	38	8	5	10	M8 20	27.8 (29.7)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
	1/35	7.30 (9.40)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
	1/43	7.30 (9.40)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
1/59	7.20 (9.40)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															

MELSERVO-J3

HF-SP

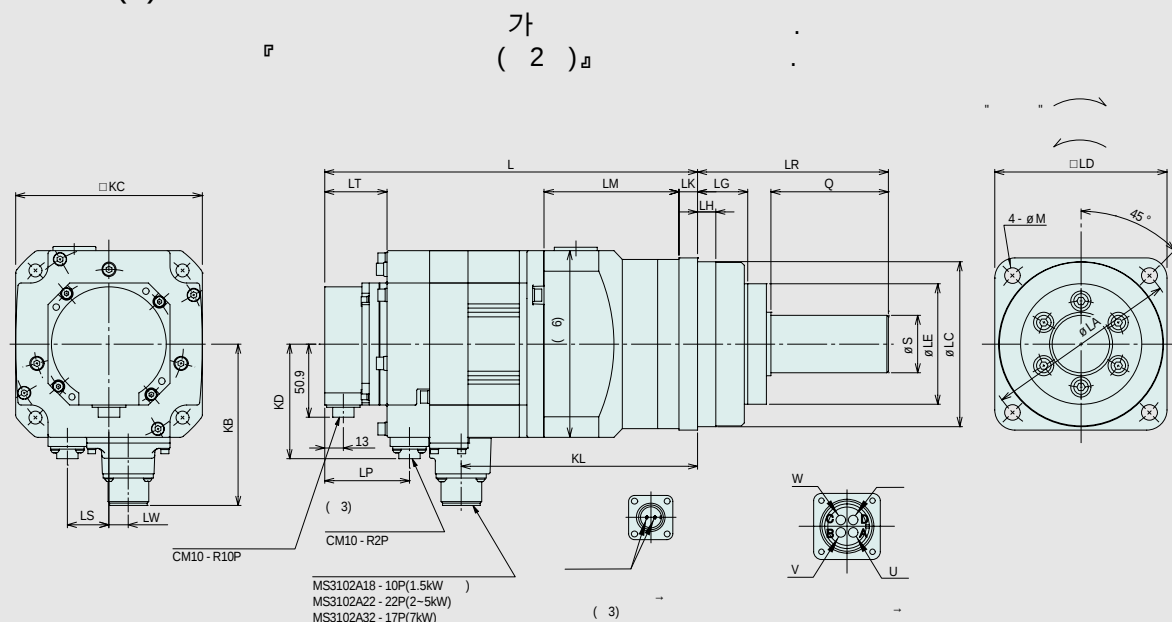
● HF-SP□(B) G5



(:mm)																																							
		J (× 10 ⁻⁴ kg · m ²)																								(kg)													
			L	LA	LB	LC	LD	LE	LF	LG	LH	LK	LM	LT	KL	LP	LW	LS	T	N	P	R	M	KB	KD		KC												
HF - SP52(4)(B)G5 (7)	1/5	6.75 (8.95)	213.5 (249)	105	45	85h7	90	59	24H7	27 ^{+0.4 -0.5}	8	10	85	38.2 (43.5)	152.8	(59)	13.5	(29)	5	6	M6	10	9				7.6(9.5)												
	1/11	6.66 (8.86)																																7.8(9.7)					
	1/21	9.00 (11.2)	225.5 (260)	135	60	115h7	120	84	32H7	35 ^{+0.4 -0.5}	13	13	94	38.2 (43.5)	164.8	(59)	13.5	(29)											M8	12	11	112.5	(79.9)	130	11.3 (13.2)				
	1/33	8.80 (11.0)																																					
	1/45	8.80 (11.0)																																					
HF - SP102(4)(B)G5 (7)	1/5	12.6 (14.7)	235.5 (270)	105	45	85h7	90	59	24H7	27 ^{+0.4 -0.5}	8	10	85	38.2 (43.5)	174.8	(59)	13.5	(29)	7	14 (6)	M6	10	9				9.3 (11.3)												
	1/11	15.2 (17.3)	247.5 (282)	135	60	115h7	120	84	32H7	35 ^{+0.4 -0.5}	13	13	94	38.2 (43.5)	186.8	(59)	13.5	(29)											M8	12	11				112.5	(79.9)	130	13.0 (15.0)	
	1/21	14.8 (16.9)																																					
	1/33	16.6 (18.7)	263.5 (298)	190	100	165h8	170	122	47H7	53 ^{+0.5 -0.8}	13	16	107	38.2 (43.5)	202.8	(59)	13.5	(29)															14	22.5 (24.5)					
	1/45	16.5 (18.6)																																					
HF - SP152(4)(B)G5 (7)	1/5	18.5 (20.7)	257.5 (292)	105	45	85h7	90	59	24H7	27 ^{+0.4 -0.5}	8	10	85	38.2 (43.5)	196.8	(59)	13.5	(29)	5	6	M6	10	9				11.1 (13.1)												
	1/11	21.1 (23.3)	269.5 (304)	135	60	115h7	120	84	32H7	35 ^{+0.4 -0.5}	13	13	94	38.2 (43.5)	208.8	(59)	13.5	(29)												11	14	14.8 (16.8)							
	1/21	23.5 (25.7)																																					
	1/33	22.5 (24.7)	285.5 (320)	190	100	165h8	170	122	47H7	53 ^{+0.5 -0.8}	13	16	107	38.2 (43.5)	224.8	(59)	13.5	(29)																					
	1/45	22.4 (24.6)																																		24.3 (26.3)			
HF - SP202(4)(B)G5 (7)	1/5	42.9 (52.5)	272.5 (322)	135	60	115h7	120	84	32H7	35 ^{+0.4 -0.5}	13	13	116 (5)	38.5 (45.5)	208.8	(66.5)	0	(44)	5	6	M8	12	14				19.5(25.5)												
	1/11	42.7 (52.3)																														20.0(26.0)							
	1/21	44.7 (54.3)	292.5 (342)	190	100	165h8	170	122	47H7	53 ^{+0.5 -0.8}	13	16	133 (5)	38.5 (45.5)	228.8	(66.5)	0	(44)	7	14 (6)							140.9	14	149.1	(96.9)	176	29.1 (35.1)							
	1/33	43.7 (53.3)																																					
	1/45	43.7 (53.3)																																					
HF - SP352(4)(B)G5 (7)	1/5	79.6 (89.3)	312.5 (362)	135	60	115h7	120	84	32H7	35 ^{+0.4 -0.5}	13	13	116 (5)	38.5 (45.5)	248.8	(66.5)	0	(44)	5	6	M8	12	14				26.5 (32.5)												
	1/11	83.1 (92.8)	332.5 (382)	190	100	165h8	170	122	47H7	53 ^{+0.5 -0.8}	13	16	133 (5)	38.5 (45.5)	268.8	(66.5)	0	(44)	7	14 (6)							14	38.6(44.6)											
	1/21	81.4 (91.1)																																					
HF - SP502(4)(B)G5	1/5	107.1 (117.1)	352.5 (402)	190	100	165h8	170	122	47H7	53 ^{+0.5 -0.8}	13	16	133 (5)	38.5 (45.5)	288.8	(66.5)	0	(44)	7	14 (6)	M8	12	14				40.1(46.1)												
	1/11	105.1 (115.1)																																					
HF - SP702(4)(B)G5	1/5	164.1 (174.1)	412.5 (462)	190	100	165h8	170	122	47H7	53 ^{+0.5 -0.8}	13	16	133 (5)	38.5 (45.5)	340.8	(66.5)	0	(44)	7	14 (6)			14	149.1			47.6 (53.6)												

1. ()
2.
3. + (+) 가 1~3mm 가
4. 가
5. (M) (5) □180 가
6. A
7. HF-SP2000r/min 400V 0.5kW~3.5kW
8. CAD ()
: <http://www.mitsubishi-automation.co.kr>

● HF-SP□(B) G7



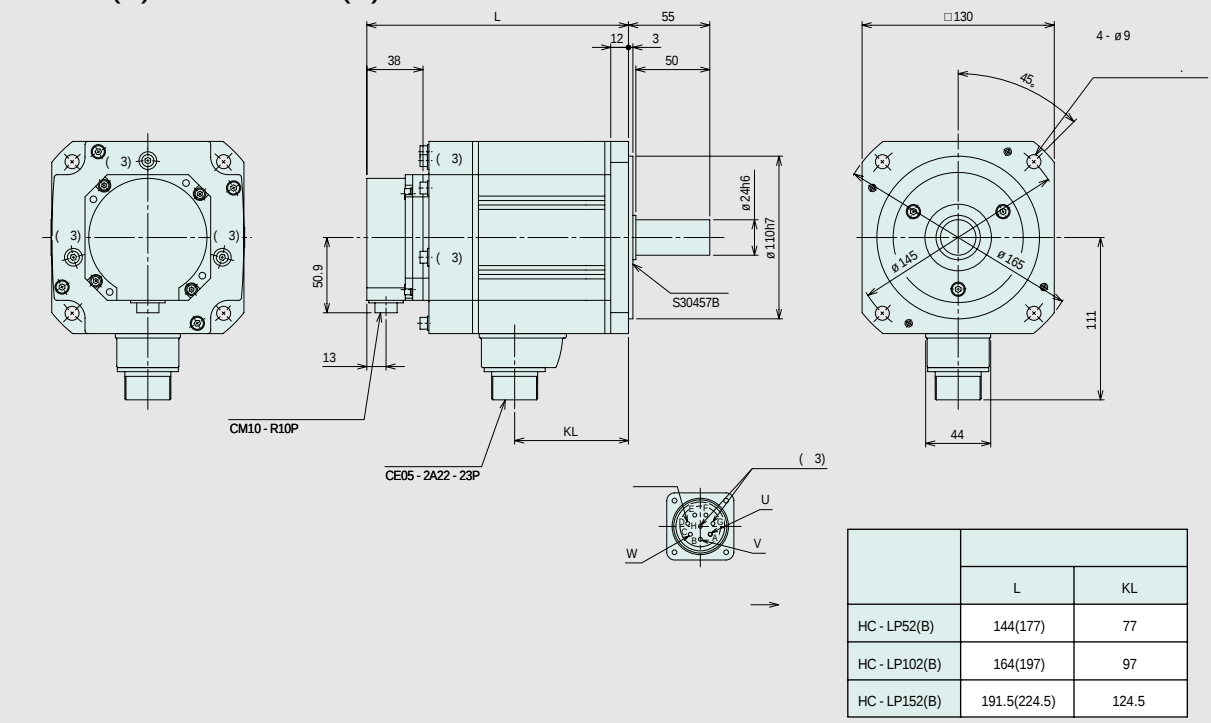
		J (× 10 ⁴ kg · m ²)																				(kg)					
			L	LA	LC	LD	LE	S	LG	LH	Q	LR	LK	LM	LT	KL	LP	LW	LS	M	KB		KD	KC			
HF - SP52(4)(B)G7 (7)	1/5	6.79 (8.99)	213.5 (248)	105	85h7	90	59	25h7	27	8	42	80	10	85	38.2 (43.5)	152.8	(59)	13.5	(29)	9	112.5	(79.9)	130	8.0(9.9)			
	1/11	6.66 (8.86)																								8.2(10.1)	
	1/21	9.00 (11.2)																									12.7 (14.6)
	1/33	8.80 (11.0)	225.5 (260)	135	115h7	120	84	40h7	35	13	82	133	13	94	38.2 (43.5)	164.8	(59)	13.5	(29)	11							
1/45	8.80 (11.0)																										
HF - SP102(4)(B)G7 (7)	1/5	12.6 (14.7)	235.5 (270)	105	85h7	90	59	25h7	27	8	42	80	10	85	38.2 (43.5)	174.8	(59)	13.5	(29)	9							9.7 (11.7)
	1/11	15.3 (17.4)	247.5 (282)	135	115h7	120	84	40h7	35	13	82	133	13	94	38.2 (43.5)	186.8	(59)	13.5	(29)	11							14.4 (16.4)
	1/21	14.8 (16.9)	282.5 (320)	190	165h8	170	122	50h7	53	13		156	16	107	38.2 (43.5)	202.8	(59)	13.5	(29)	14							25.5 (27.5)
	1/33	16.6 (18.7)	263.5 (298)																								
1/45	16.6 (18.7)																										
HF - SP152(4)(B)G7 (7)	1/5	18.5 (20.7)	257.5 (292)	105	85h7	90	59	25h7	27	8	42	80	10	85	38.2 (43.5)	196.8	(59)	13.5	(29)	9							11.5 (13.5)
	1/11	21.2 (23.4)	269.5 (304)	135	115h7	120	84	40h7	35	13	82	133	13	94	38.2 (43.5)	208.8	(59)	13.5	(29)	11							16.2 (18.2)
	1/21	23.5 (25.7)																									
	1/33	22.5 (24.7)	285.5 (320)	190	165h8	170	122	50h7	53	13		156	16	107	38.2 (43.5)	224.8	(59)	13.5	(29)	14							27.3 (29.3)
	1/45	22.5 (24.7)																									
HF - SP202(4)(B)G7 (7)	1/5	43.2 (52.8)	272.5 (322)	135	115h7	120	84	40h7	35	13		82	133	13	116 (6)	38.5 (45.5)	208.8	(66.5)	0	(44)				11	140.9	(96.9)	176
	1/11	42.8 (52.4)																						21.4(27.4)			
	1/21	44.8 (54.4)	292.5 (342)	190	165h8	170	122	50h7	53	13	156		16	133 (6)	38.5 (45.5)	228.8	(66.5)	0	(44)	14				32.1 (38.1)			
	1/33	43.7 (53.3)																									
HF - SP352(4)(B)G7 (7)	1/45	43.7 (53.3)																									
	1/5	79.9 (89.6)	312.5 (362)	135	115h7	120	84	40h7	35	13	133	13	116 (6)	38.5 (45.5)	248.8	(66.5)	0	(44)	11				27.9 (33.9)				
	1/11	83.4 (93.1)	332.5 (382)	190	165h8	170	122	50h7	53	13	156	16	133 (6)	38.5 (45.5)	268.8	(66.5)	0	(44)	14				39.1 (45.1)				
HF - SP502(4)(B)G7	1/21	81.5 (91.2)																									
	1/5	108.5 (118.5)	352.5 (402)	190	165h8	170	122	50h7	53	13	156	16	133 (6)	38.5 (45.5)	288.8	(66.5)	0	(44)	14				41.6(47.6)				
HF - SP702(4)(B)G7	1/11	105.4 (115.4)																						43.1(49.1)			
	1/5	165.5 (175.5)	412.5 (462)	190	165h8	170	122	50h7	53	13	156	16	133 (6)	38.5 (45.5)	340.8	(66.5)	0	(44)	14	149.1				50.6 (56.6)			

1. ()
2. ()
- 3.
4. + (+)
5. 가 가 1~3mm 가
6. (M) (5) □180 가
7. HF-SP2000r/min 400V 0.5kW~3.5kW
8. CAD () : <http://www.mitsubishi-automation.co.kr>

MELSERVO-J3

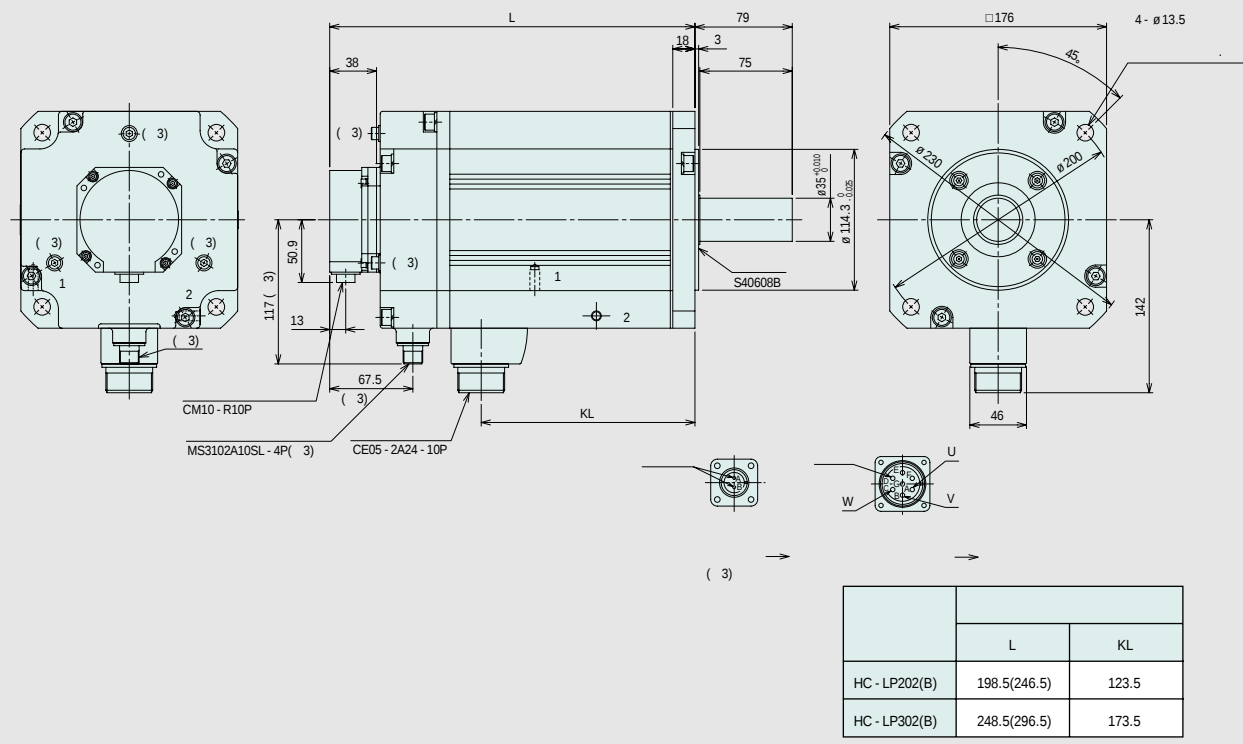
HC-LP

● HC-LP52(B)~HC-LP152(B)



(:mm)

● HC-LP202(B), HC-LP302(B)

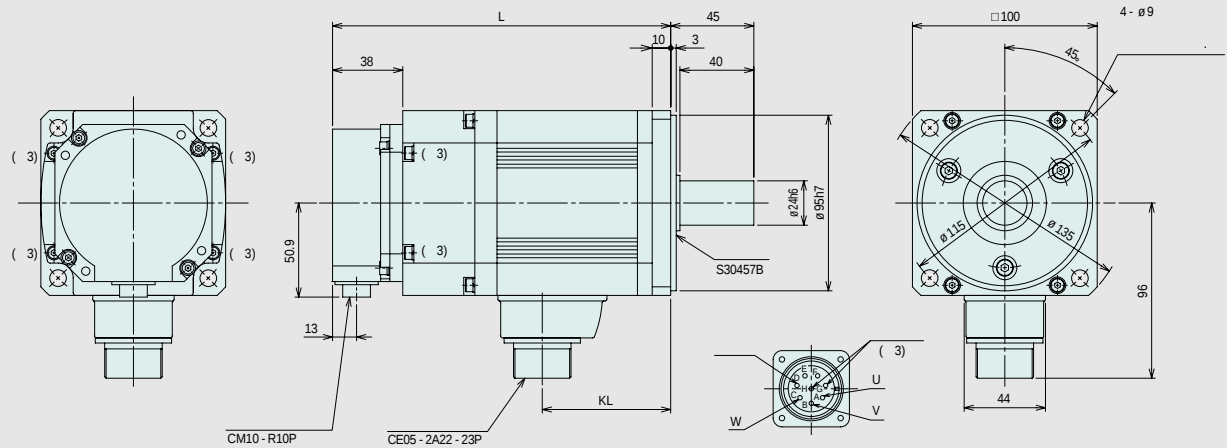


(:mm)

1. ()
2. ()
3. ()
4. ()
5. ()
CAD : http://www.mitsubishi-automation.co.kr

HC-RP

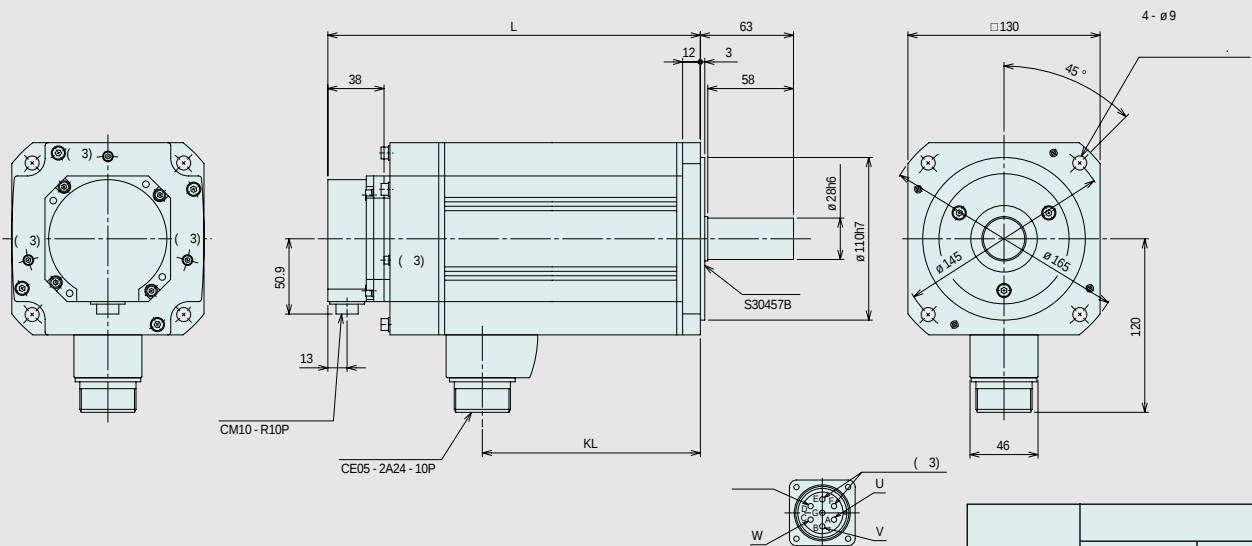
● HC-RP103(B)~HC-RP203(B)



	L	KL
HC - RP103(B)	145.5(183.5)	69.5
HC - RP153(B)	170.5(208.5)	94.5
HC - RP203(B)	195.5(233.5)	119.5

(:mm)

● HC-RP353(B), HC-RP503(B)



	L	KL
HC - RP353(B)	215.5(252.5)	148
HC - RP503(B)	272.5(309.5)	205

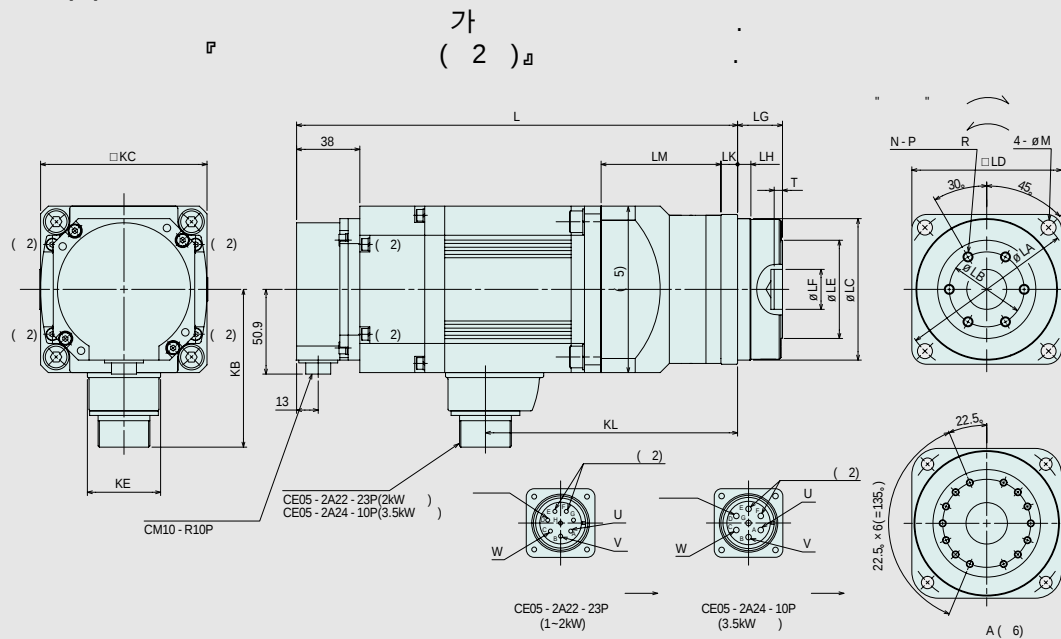
(:mm)

1. ()
2. ()
3. 가
4. CAD
5. : <http://www.mitsubishi-automation.co.kr>

MELSERVO-J3

HC-RP

- HC-RP□(B) G5



		J (×10 ⁻⁴ kg · m ²)																					(kg)	
				L	LA	LB	LC	LD	LE	LF	LG	LH	LK	LM	KL	T	N	P	R	M	KB	KC		KE
HC - RP103(B)G5	1/5	2.33	(2.68)	227.5 (265.5)	105	45	85h7	90	59	24H7	27 ^{+0.4} _{-0.5}	8	10	72	151.5	5	6	M6	10	9				6.4 (8.5)
	1/11	2.25	(2.60)																					
	1/21	4.40	(4.75)	255.5 (293.5)	135	60	115h7	120	84	32H7	35 ^{+0.4} _{-0.5}	13	13	97 (5)	179.5			M8	12	11				10.4 (12.5)
	1/33	4.20	(4.55)																					
	1/45	6.10	(6.45)	268.5 (306.5)	190	100	165h8	170	122	47H7	53 ^{+0.5} _{-0.8}			16	107	192.5	7	14 (6)		14				
HC - RP153(B)G5	1/5	2.73	(3.08)	252.5 (290)	105	45	85h7	90	59	24H7	27 ^{+0.4} _{-0.5}	8	10	72	176.5	5	6	M6	10	9				7.5 (9.5)
	1/11	5.20	(5.55)	280.5 (318.5)	135	60	115h7	120	84	32H7	35 ^{+0.4} _{-0.5}	13	13	97 (5)	204.5									
	1/21	4.80	(5.15)	293.5 (331.5)	190	100	165h8	170	122	47H7	53 ^{+0.5} _{-0.8}						16	107	217.5	7	14 (6)		14	
	1/33	6.60	(6.95)																					
	1/45	6.50	(6.85)																					
HC - RP203(B)G5	1/5	3.13	(3.48)	277.5 (315.5)	105	45	85h7	90	59	24H7	27 ^{+0.4} _{-0.5}	8	10	72	201.5	5	6	M6	10	9				8.7 (10.8)
	1/11	5.60	(5.95)	305.5 (343.5)	135	60	115h7	120	84	32H7	35 ^{+0.4} _{-0.5}	13	13	97 (5)	229.5									
	1/21	8.00	(8.35)	318.5 (365.5)	190	100	165h8	170	122	47H7	53 ^{+0.5} _{-0.8}						16	107	242.5	7	14 (6)		14	
	1/33	7.00	(7.35)																					
	1/45	6.90	(7.25)																					
HC - RP353(B)G5	1/5	13.2	(16.7)	344.5 (381.5)	135	60	115h7	120	84	32H7	35 ^{+0.4} _{-0.5}	13	13	116	277	5	6	M8	12	11				18.5 (21.5)
	1/11	13.0	(16.5)																					
	1/21	15.0	(18.5)	364.5 (401.5)	190	100	165h8	170	122	47H7	53 ^{+0.5} _{-0.8}		16	133	297	7	14 (6)		14	120	130	46	28.1 (31.1)	
	1/33	14.1	(17.6)																					
HC - RP503(B)G5	1/5	16.9	(20.4)	401.5 (438.5)	135	60	115h7	120	84	32H7	35 ^{+0.4} _{-0.5}		13	116	334	5	6			11				23.5 (27.5)
	1/11	20.5	(24.0)	421.5 (458.5)	190	100	165h8	170	122	47H7	53 ^{+0.5} _{-0.8}		16	133	354	7	14 (6)		14					33.1 (37.1)
	1/21	18.7	(22.2)																					

1. ()
2.
3.
4.

3. + (+) 가 1~3mm 가

5. LM (5) , Ø135 가
6. (全周) 가 A
7. CAD

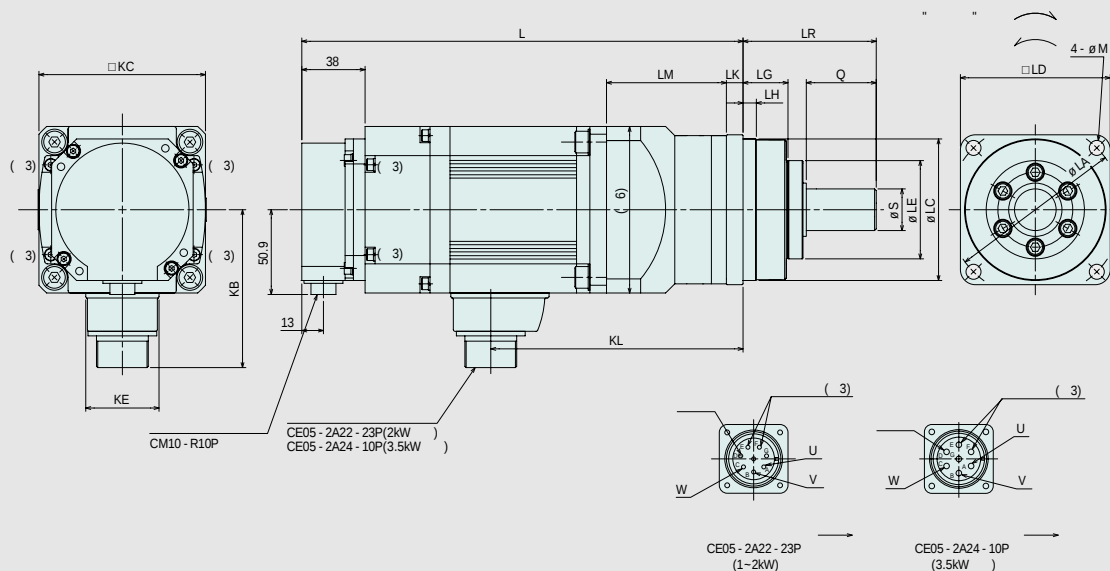
: <http://www.mitsubishi-automation.co.kr>

<

>

● HC-RP□(B) G7

가
(2)



(:mm)																									
		J (×10 ⁻⁴ kg·m ²)																	(kg)						
			L	LA	LC	LD	LE	S	LG	LH	Q	LR	LK	LM	KL	M	KB	KC		KE					
HC - RP103(B)G7	1/5	2.37 (2.72)	227.5 (265.5)	105	85h7	90	59	25h7	27	8	42	80	10	72	151.5	9	96	100	44	6.8 (8.9)					
	1/11	2.25 (2.60)																		7.0 (9.1)					
	1/21	4.40 (4.75)	255.5 (293.5)	135	115h7	120	84	40h7	35	13	82	133	13	97 (6)	179.5	11				11.8 (13.9)					
	1/33	4.20 (4.55)																		22.9 (25.0)					
	1/45	6.20 (6.55)	268.5 (306.5)	190	165h8	170	122	50h7	53	156	16	107	192.5	14	22.9 (25.0)										
HC - RP153(B)G7	1/5	2.77 (3.12)	252.5 (290.5)	105	85h7	90	59	25h7	27	8	42	80	10	72	176.5	9				7.9 (9.9)					
	1/11	5.30 (5.65)	280.5 (318.5)	135	115h7	120	84	40h7	35	13	82	133	13	97 (6)	204.5	11				12.9 (14.9)					
	1/21	4.80 (5.15)	293.5 (331.5)	190	165h8	170	122	50h7	53											156	16	107	217.5	14	24.0 (26.0)
	1/33	6.60 (6.95)	293.5 (331.5)	190	165h8	170	122	50h7	53											156	16	107	217.5	14	24.0 (26.0)
	1/45	6.60 (6.95)	293.5 (331.5)	190	165h8	170	122	50h7	53											156	16	107	217.5	14	24.0 (26.0)
HC - RP203(B)G7	1/5	3.17 (3.52)	277.5 (315.5)	105	85h7	90	59	25h7	27	8	42	80	10	72	201.5	9	9.1 (11.2)								
	1/11	5.70 (6.05)	305.5 (343.5)	135	115h7	120	84	40h7	35	13	82	133	13	97 (6)	229.5	11	14.1 (16.2)								
	1/21	8.00 (8.35)	318.5 (356.5)	190	165h8	170	122	50h7	53								156	16	107	242.5	14	25.2 (27.3)			
	1/33	7.00 (7.35)																							
	1/45	7.00 (7.35)																							
HC - RP353(B)G7	1/5	13.5 (17.0)	344.5 (381.5)	135	115h7	120	84	40h7	35	13	82	133	13	116	277	11	120	130	46	19.9 (22.9)					
	1/11	13.1 (16.6)																		20.4 (23.4)					
	1/21	15.1 (18.6)	364.5 (401.5)	190	165h8	170	122	50h7	53											156	16	133	297	14	31.1 (34.1)
	1/33	14.1 (17.6)																							24.9 (28.9)
HC - RP503(B)G7	1/5	17.2 (20.7)	401.5 (438.5)	135	115h7	120	84	40h7	35	13	82	133	13	116	334	11	120	130	46	24.9 (28.9)					
	1/11	20.7 (24.2)	421.5 (458.5)	190	165h8	170	122	50h7	53											156	16	133	354	14	36.1 (40.1)
	1/21	18.8 (22.3)																							

1. ()
2. ()
3. ()
4. ()
5. ()

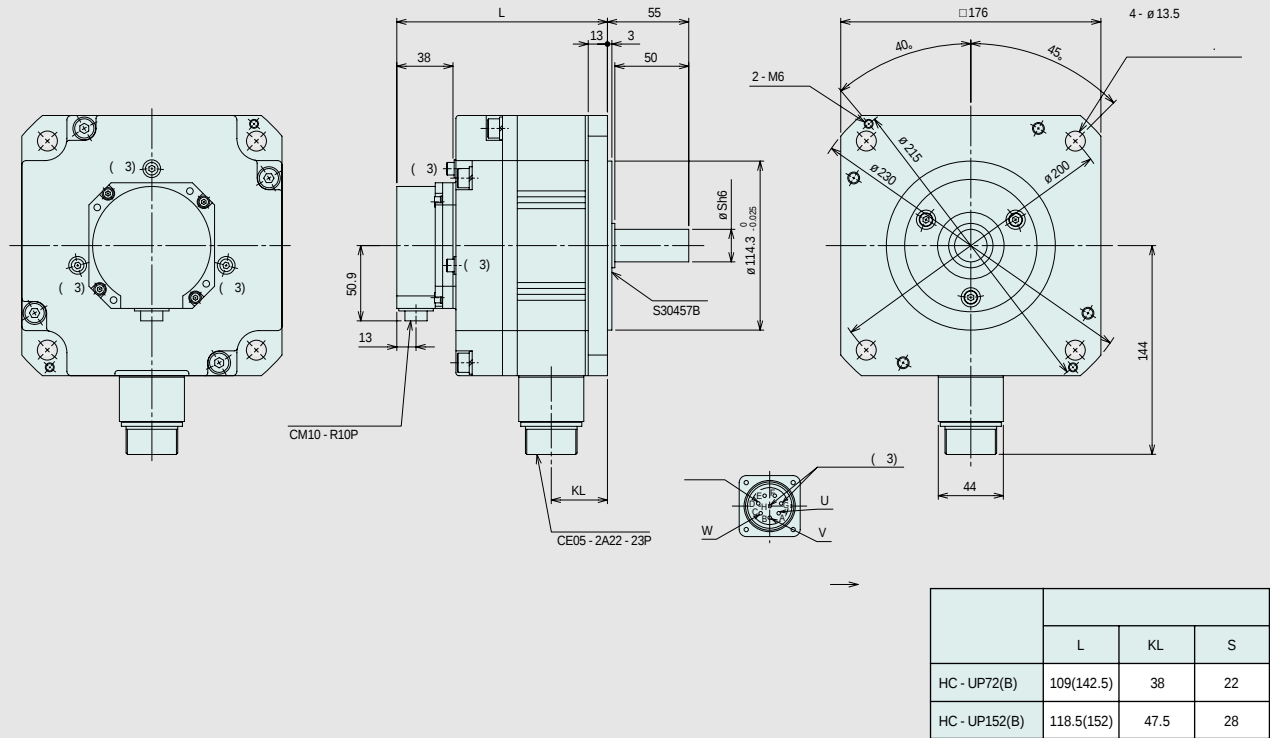
6. LM (6)
7. CAD

:http://www.mitsubishi-automation.co.kr

MELSERVO-J3

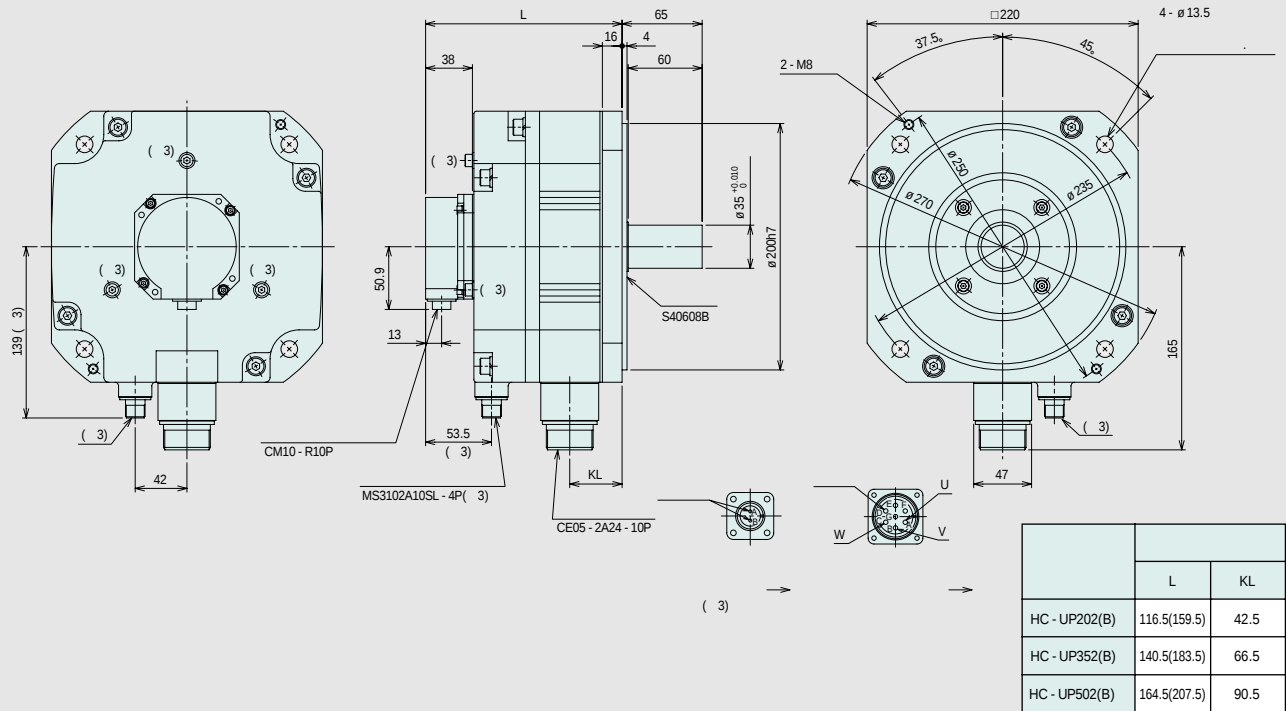
HC-UP

● HC-UP72(B), HC-UP152(B)



(:mm)

● HC-UP202(B)~HC-UP502(B)

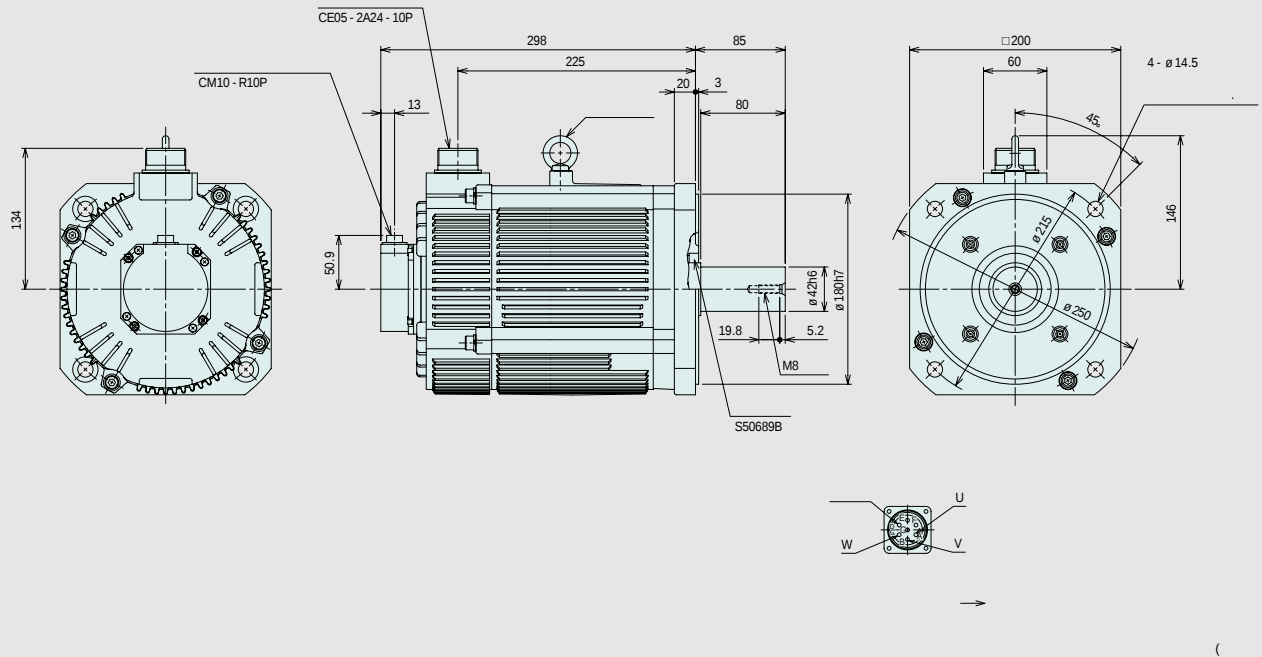


(:mm)

1. ()
2. ()
3. 가
4. CAD
5. : http://www.mitsubishi-automation.co.kr

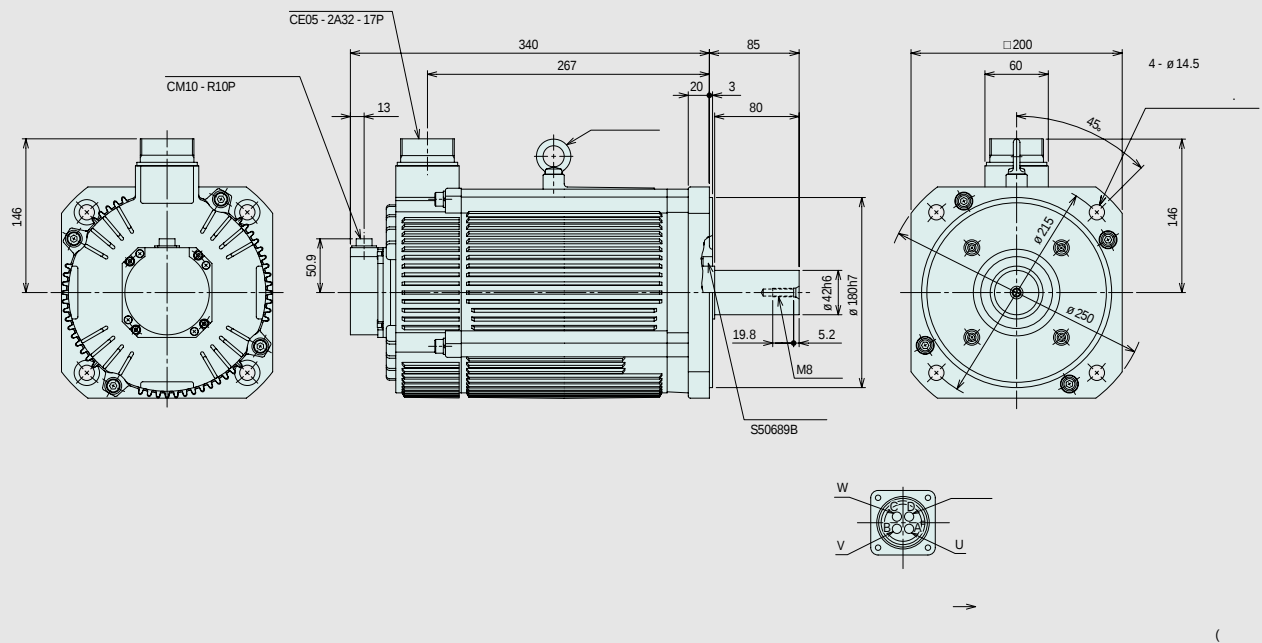
HA-LP

● HA-LP502



(:mm)

● HA-LP702



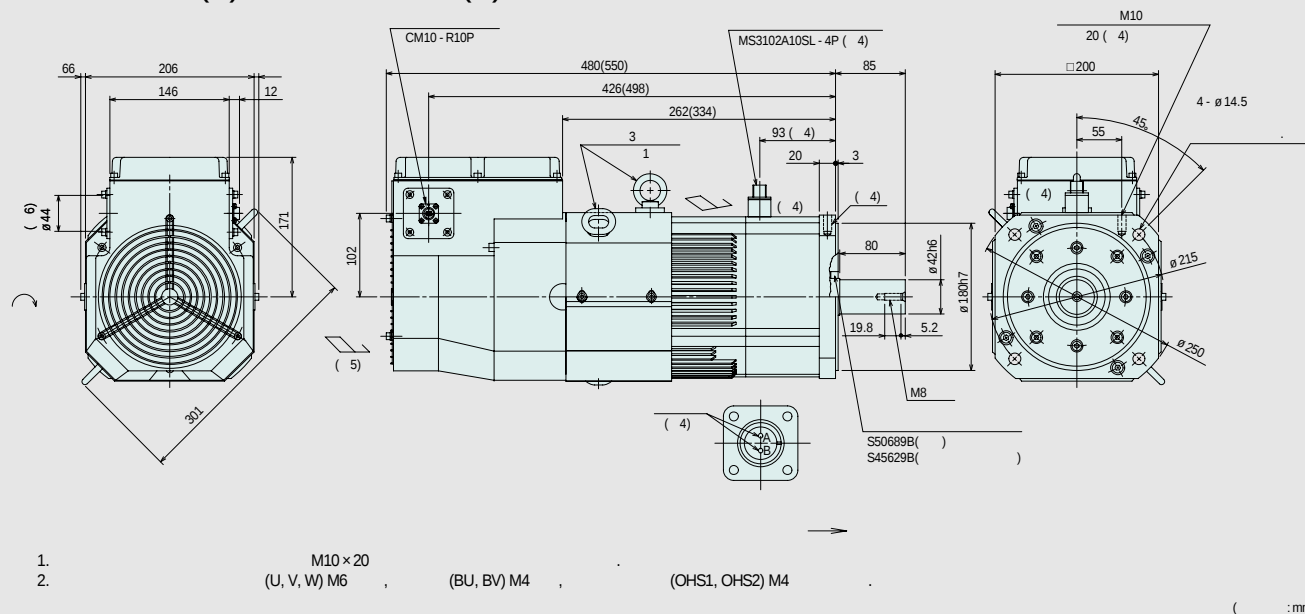
(:mm)

1. ()
2. 가
3. CAD : http://www.mitsubishi-automation.co.kr .()

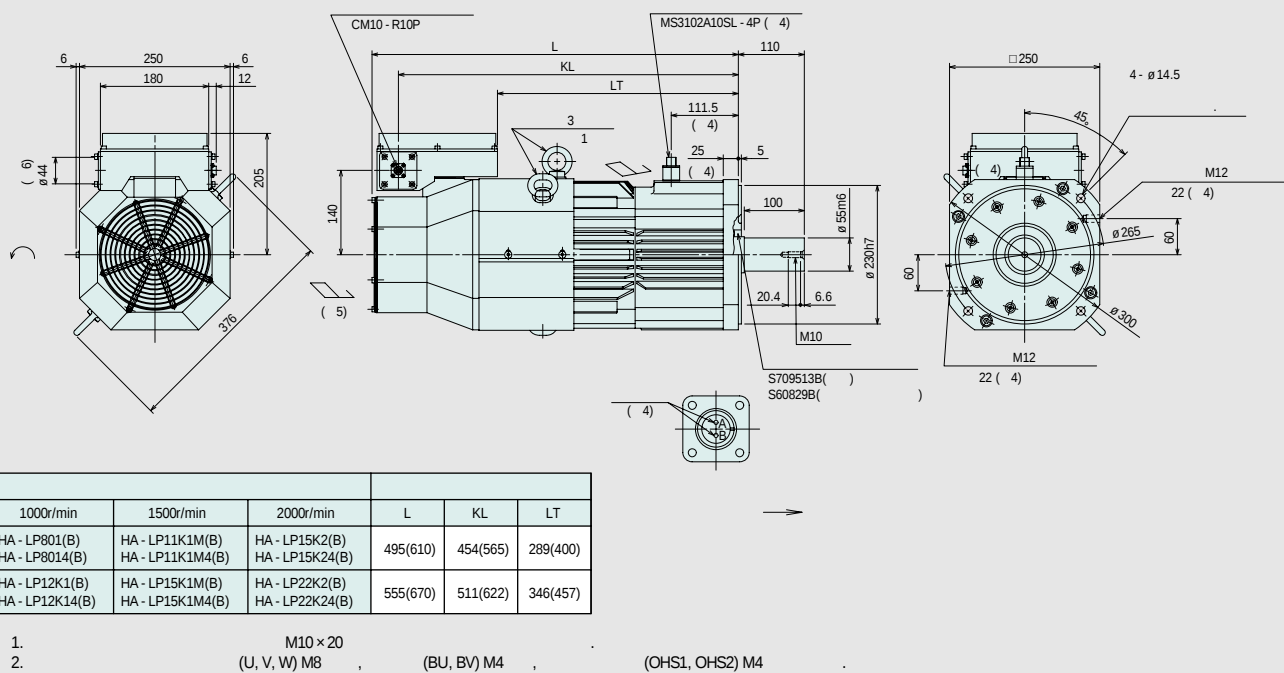
MELSERVO-J3

HA-LP

- HA-LP601(B), HA-LP6014(B)
- HA-LP701M(B), HA-LP701M4(B)
- HA-LP11K2(B), HA-LP11K24(B)

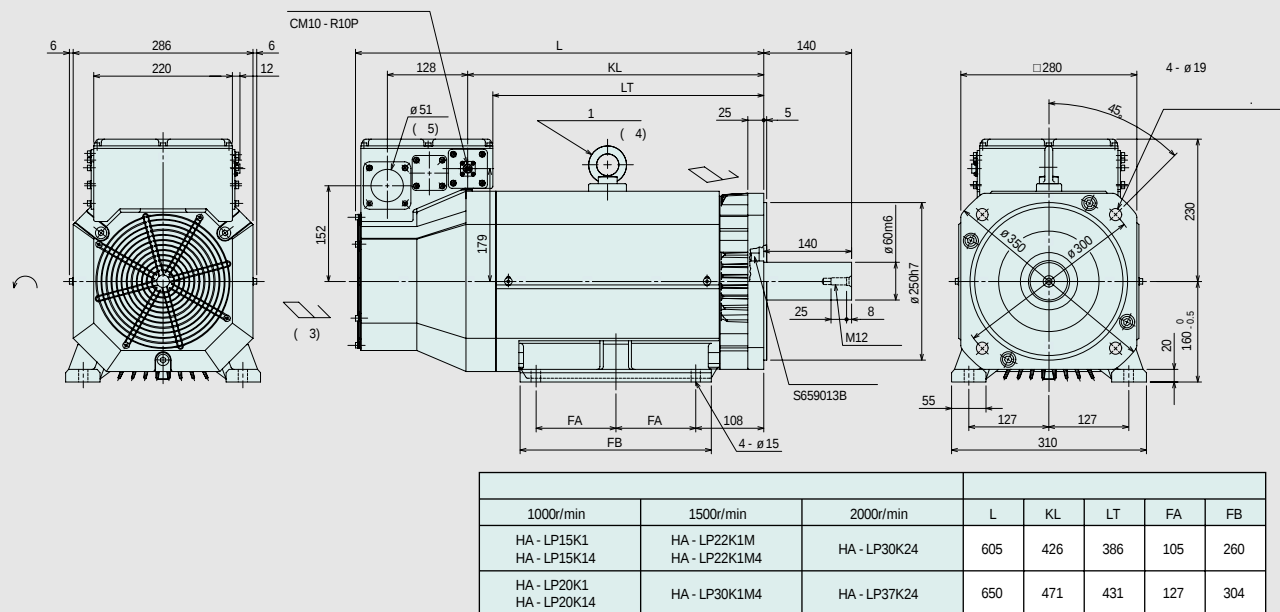


- HA-LP801(B), HA-LP12K1(B), HA-LP8014(B) (7), HA-LP12K14(B)
- HA-LP11K1M(B), HA-LP15K1M(B), HA-LP11K1M4(B) (7), HA-LP15K1M4(B)
- HA-LP15K2(B), HA-LP22K2(B), HA-LP15K24(B), HA-LP22K24(B)



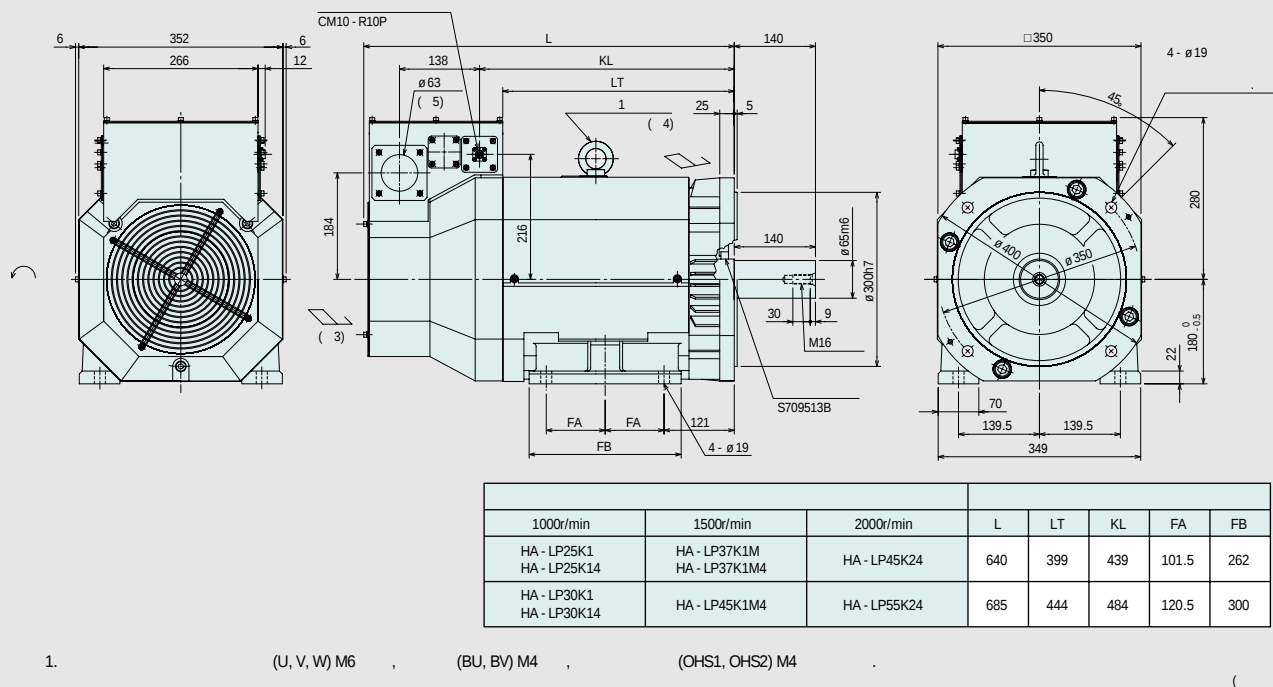
1. ()
2. 가
3. ()
4. 100mm
5. 가
6. CAD
7. ()
8. : <http://www.mitsubishi-automation.co.kr>

- HA - LP15K1, HA - LP20K1, HA - LP15K14, HA - LP20K14 (7)
- HA - LP22K1M, HA - LP22K1M4 (7), HA - LP30K1M4
- HA - LP30K24, HA - LP37K24



1. (U, V, W) M8 (BU, BV, BW) M4 (OHS1, OHS2) M4 (:mm)

- HA - LP25K1, HA - LP30K1, HA - LP25K14, HA - LP30K14
- HA - LP37K1M, HA - LP37K1M4, HA - LP45K1M4
- HA - LP45K24, HA - LP55K24,



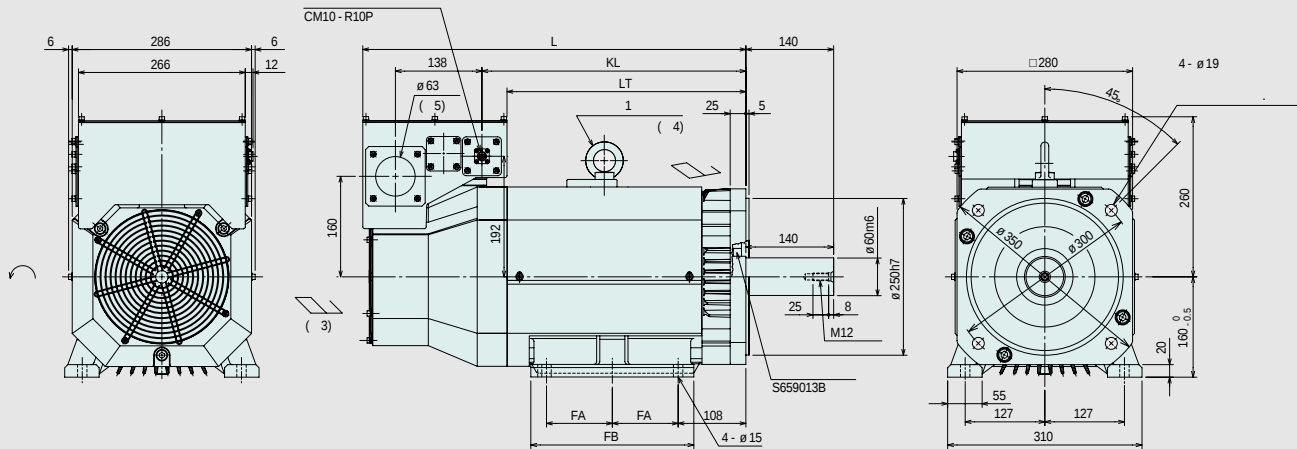
1. (U, V, W) M6 (BU, BV) M4 (OHS1, OHS2) M4 (:mm)

1. 가
2. 150mm
3. M16 × 20
4. 가
5. 가
6. 가
7. 가
8. CAD
: <http://www.mitsubishi-automation.co.kr>

MELSERVO-J3

HA-LP

- HA-LP30K1M
- HA-LP30K2, HA-LP37K2

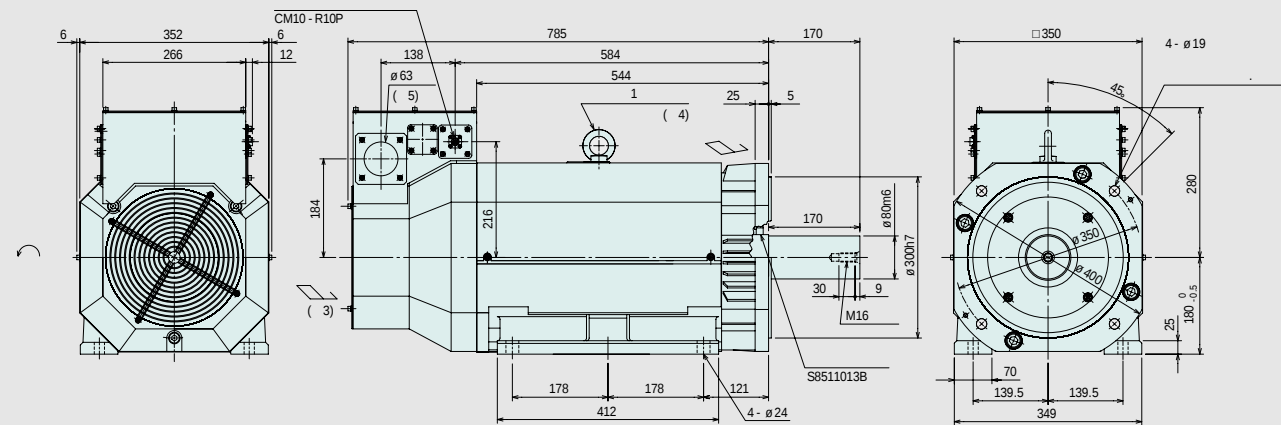


1500r/min	2000r/min	L	LT	KL	FA	FB
-	HA - LP30K2	615	381	421	105	260
HA - LP30K1M	HA - LP37K2	660	426	466	127	304

1. (U, V, W) M10 , (BU, BV, BW) M4 , (OHS1, OHS2) M4

(:mm)

- HA-LP37K1, HA-LP37K14
- HA-LP50K1M4



1. (U, V, W) M10 , (BU, BV, BW) M4 , (OHS1, OHS2) M4

(:mm)

1. ()
2. 가
3. 150mm
4. M16×20
5. , 가
6.
7. CAD , , . ()
; <http://www.mitsubishi-automation.co.kr>

MR - J3 - A	MR - J3 - 10A	50W, 100W	AC200~230V	AC200~230V	●
	MR - J3 - 10A1		AC100~120V		●
	MR - J3 - 20A	200W	AC200~230V	AC200~230V	●
	MR - J3 - 20A1		AC100~120V		●
	MR - J3 - 40A	400W	AC200~230V	AC200~230V	●
	MR - J3 - 40A1		AC100~120V		●
	MR - J3 - 60A	500W	AC200~230V	AC200~230V	●
	MR - J3 - 70A	750W			●
	MR - J3 - 100A	1kW	AC200~230V		●
	MR - J3 - 200A	2kW			●
	MR - J3 - 350A	3.5kW			●
	MR - J3 - 500A	5kW			●
	MR - J3 - 700A	7kW			●
	MR - J3 - 11KA	11kW			▲
	MR - J3 - 15KA	15kW			▲
	MR - J3 - 22KA	22kW			▲
	MR - J3 - 60A4	500W	AC380~480V		
	MR - J3 - 100A4	1kW			
	MR - J3 - 200A4	2kW			
	MR - J3 - 350A4	3.5kW			
	MR - J3 - 500A4	5kW			▲
	MR - J3 - 700A4	7kW			▲
	MR - J3 - 11KA4	11kW			▲
	MR - J3 - 15KA4	15kW			▲
	MR - J3 - 22KA4	22kW			▲
MR - J3 - DUA	MR - J3 - DU30KA	30kW	AC200~230V		▲
	MR - J3 - DU37KA	37kW			▲
	MR - J3 - DU30KA4	30kW	AC380~480V		▲
	MR - J3 - DU37KA4	37kW			▲
	MR - J3 - DU45KA4	45kW			▲
	MR - J3 - DU55KA4	55kW			▲
MR - J3 - B	MR - J3 - 10B	50W, 100W	AC200~230V	AC200~230V	●
	MR - J3 - 10B1		AC100~120V		●
	MR - J3 - 20B	200W	AC200~230V	AC200~230V	●
	MR - J3 - 20B1		AC100~120V		●
	MR - J3 - 40B	400W	AC200~230V	AC200~230V	●
	MR - J3 - 40B1		AC100~120V		●
	MR - J3 - 60B	500W	AC200~230V	AC200~230V	●
	MR - J3 - 70B	750W			●
	MR - J3 - 100B	1kW	AC200~230V		●
	MR - J3 - 200B	2kW			●
	MR - J3 - 350B	3.5kW			●
	MR - J3 - 500B	5kW			●
	MR - J3 - 700B	7kW			●
	MR - J3 - 11KB	11kW			▲
	MR - J3 - 15KB	15kW			▲
	MR - J3 - 22KB	22kW			▲
	MR - J3 - 60B4	500W	AC380~480V		
	MR - J3 - 100B4	1kW			
	MR - J3 - 200B4	2kW			
	MR - J3 - 350B4	3.5kW			
	MR - J3 - 500B4	5kW			▲
	MR - J3 - 700B4	7kW			▲
	MR - J3 - 11KB4	11kW			▲
	MR - J3 - 15KB4	15kW			▲
	MR - J3 - 22KB4	22kW			▲
MR - J3 - DUB	MR - J3 - DU30KB	30kW	AC200~230V		▲
	MR - J3 - DU37KB	37kW			▲
	MR - J3 - DU30KB4	30kW	AC380~480V		▲
	MR - J3 - DU37KB4	37kW			▲
	MR - J3 - DU45KB4	45kW			▲
	MR - J3 - DU55KB4	55kW			▲

● :
▲ :

MELSERVO-J3

MR - J3 - B	MR - J3 - 10B - RJ006	50W, 100W	AC200~230V	AC200~230V
	MR - J3 - 10B1 - RJ006		AC100~120V	
	MR - J3 - 20B - RJ006	200W	AC200~230V	AC200~230V
	MR - J3 - 20B1 - RJ006		AC100~120V	
	MR - J3 - 40B - RJ006	400W	AC200~230V	AC200~230V
	MR - J3 - 40B1 - RJ006		AC100~120V	
	MR - J3 - 60B - RJ006	500W	AC200~230V	AC200~230V
	MR - J3 - 70B - RJ006	750W		
	MR - J3 - 100B - RJ006	1kW	AC200~230V	
	MR - J3 - 200B - RJ006	2kW		
	MR - J3 - 350B - RJ006	3.5kW		
	MR - J3 - 500B - RJ006	5kW		
	MR - J3 - 700B - RJ006	7kW		
	MR - J3 - 11KB - RJ006	11kW		
	MR - J3 - 15KB - RJ006	15kW		
	MR - J3 - 22KB - RJ006	22kW		
	MR - J3 - 60B4 - RJ006	500W	AC380~480V	
	MR - J3 - 100B4 - RJ006	1kW		
	MR - J3 - 200B4 - RJ006	2kW		
	MR - J3 - 350B4 - RJ006	3.5kW		
	MR - J3 - 500B4 - RJ006	5kW		
	MR - J3 - 700B4 - RJ006	7kW		
	MR - J3 - 11KB4 - RJ006	11kW		
	MR - J3 - 15KB4 - RJ006	15kW		
	MR - J3 - 22KB4 - RJ006	22kW		
MR - J3 - T	MR - J3 - 10T	50W, 100W	AC200~230V	AC200~230V
	MR - J3 - 10T1		AC100~120V	
	MR - J3 - 20T	200W	AC200~230V	AC200~230V
	MR - J3 - 20T1		AC100~120V	
	MR - J3 - 40T	400W	AC200~230V	AC200~230V
	MR - J3 - 40T1		AC100~120V	
	MR - J3 - 60T	500W	AC200~230V	AC200~230V
	MR - J3 - 70T	750W		
	MR - J3 - 100T	1kW	AC200~230V	
	MR - J3 - 200T	2kW		
	MR - J3 - 350T	3.5kW		
	MR - J3 - 500T	5kW		
	MR - J3 - 700T	7kW		
	MR - J3 - 11KT	11kW		
	MR - J3 - 15KT	15kW		
	MR - J3 - 22KT	22kW		
	MR - J3 - 60T4	500W	AC380~480V	
	MR - J3 - 100T4	1kW		
	MR - J3 - 200T4	2kW		
	MR - J3 - 350T4	3.5kW		
	MR - J3 - 500T4	5kW		
	MR - J3 - 700T4	7kW		
	MR - J3 - 11KT4	11kW		
	MR - J3 - 15KT4	15kW		
	MR - J3 - 22KT4	22kW		
	MR - J3 - CR55K	30kW, 37kW	AC200~230V	
	MR - J3 - CR55K4	30kW, 37kW 45kW, 55kW	AC380~480V	

● :
▲ :

HF - KP	(1)	HF - KP053	50W	()	•
		HF - KP13	100W		•
		HF - KP23	200W		•
		HF - KP43	400W		•
		HF - KP73	750W		•
		HF - KP053B	50W		•
		HF - KP13B	100W		•
		HF - KP23B	200W		•
		HF - KP43B	400W		•
		HF - KP73B	750W		•
		HF - KP053(B)G1 1/5	50W (1/5)		▲
		HF - KP053(B)G1 1/12	50W (1/12)		▲
		HF - KP053(B)G1 1/20	50W (1/20)		▲
		HF - KP13(B)G1 1/5	100W (1/5)		▲
		HF - KP13(B)G1 1/12	100W (1/12)		▲
		HF - KP13(B)G1 1/20	100W (1/20)		▲
		HF - KP23(B)G1 1/5	200W (1/5)		▲
		HF - KP23(B)G1 1/12	200W (1/12)		▲
		HF - KP23(B)G1 1/20	200W (1/20)		▲
		HF - KP43(B)G1 1/5	400W (1/5)		▲
		HF - KP43(B)G1 1/12	400W (1/12)		▲
		HF - KP43(B)G1 1/20	400W (1/20)		▲
		HF - KP73(B)G1 1/5	750W (1/5)		▲
		HF - KP73(B)G1 1/12	750W (1/12)		▲
		HF - KP73(B)G1 1/20	750W (1/20)		▲
		HF - KP053(B)G5 1/5	50W (1/5)		▲
		HF - KP053(B)G5 1/11	50W (1/11)		▲
		HF - KP053(B)G5 1/21	50W (1/21)		▲
		HF - KP053(B)G5 1/33	50W (1/33)		▲
		HF - KP053(B)G5 1/45	50W (1/45)		▲
		HF - KP13(B)G5 1/5	100W (1/5)		▲
		HF - KP13(B)G5 1/11	100W (1/11)		▲
		HF - KP13(B)G5 1/21	100W (1/21)		▲
		HF - KP13(B)G5 1/33	100W (1/33)		▲
		HF - KP13(B)G5 1/45	100W (1/45)		▲
		HF - KP23(B)G5 1/5	200W (1/5)		▲
		HF - KP23(B)G5 1/11	200W (1/11)		▲
		HF - KP23(B)G5 1/21	200W (1/21)		▲
		HF - KP23(B)G5 1/33	200W (1/33)		▲
		HF - KP23(B)G5 1/45	200W (1/45)		▲
		HF - KP43(B)G5 1/5	400W (1/5)		▲
		HF - KP43(B)G5 1/11	400W (1/11)		▲
		HF - KP43(B)G5 1/21	400W (1/21)		▲
		HF - KP43(B)G5 1/33	400W (1/33)		▲
		HF - KP43(B)G5 1/45	400W (1/45)		▲
		HF - KP73(B)G5 1/5	750W (1/5)		▲
		HF - KP73(B)G5 1/11	750W (1/11)		▲
		HF - KP73(B)G5 1/21	750W (1/21)		▲
		HF - KP73(B)G5 1/33	750W (1/33)		▲
		HF - KP73(B)G5 1/45	750W (1/45)		▲
		HF - KP053(B)G7 1/5	50W (1/5)		▲
		HF - KP053(B)G7 1/11	50W (1/11)		▲
		HF - KP053(B)G7 1/21	50W (1/21)		▲
		HF - KP053(B)G7 1/33	50W (1/33)		▲
		HF - KP053(B)G7 1/45	50W (1/45)		▲
		HF - KP13(B)G7 1/5	100W (1/5)		▲
		HF - KP13(B)G7 1/11	100W (1/11)		▲
		HF - KP13(B)G7 1/21	100W (1/21)		▲
		HF - KP13(B)G7 1/33	100W (1/33)		▲
		HF - KP13(B)G7 1/45	100W (1/45)		▲
		HF - KP23(B)G7 1/5	200W (1/5)		▲
		HF - KP23(B)G7 1/11	200W (1/11)		▲

)1.

• :
▲ :

MELSERVO-J3

HF - KP (1)	HF - KP23(B)G7 1/21	200W (1/21)	()	▲
	HF - KP23(B)G7 1/33	200W (1/33)		▲
	HF - KP23(B)G7 1/45	200W (1/45)		▲
	HF - KP43(B)G7 1/5	400W (1/5)		▲
	HF - KP43(B)G7 1/11	400W (1/11)		▲
	HF - KP43(B)G7 1/21	400W (1/21)		▲
	HF - KP43(B)G7 1/33	400W (1/33)		▲
	HF - KP43(B)G7 1/45	400W (1/45)		▲
	HF - KP73(B)G7 1/5	750W (1/5)		▲
	HF - KP73(B)G7 1/11	750W (1/11)		▲
	HF - KP73(B)G7 1/21	750W (1/21)		▲
	HF - KP73(B)G7 1/33	750W (1/33)		▲
	HF - KP73(B)G7 1/45	750W (1/45)		▲
HF - MP < A : A4 (1) >	HF - MP053	50W	()	●
	HF - MP13	100W		●
	HF - MP23	200W		●
	HF - MP43	400W		●
	HF - MP73	750W		●
	HF - MP053B	50W	()	●
	HF - MP13B	100W		●
	HF - MP23B	200W		●
	HF - MP43B	400W		●
	HF - MP73B	750W		●
	HF - MP053(B)G1 1/5	50W (1/5)	()	▲
	HF - MP053(B)G1 1/12	50W (1/12)		▲
	HF - MP053(B)G1 1/20	50W (1/20)		▲
	HF - MP13(B)G1 1/5	100W (1/5)		▲
	HF - MP13(B)G1 1/12	100W (1/12)		▲
	HF - MP13(B)G1 1/20	100W (1/20)		▲
	HF - MP23(B)G1 1/5	200W (1/5)		▲
	HF - MP23(B)G1 1/12	200W (1/12)		▲
	HF - MP23(B)G1 1/20	200W (1/20)		▲
	HF - MP43(B)G1 1/5	400W (1/5)		▲
	HF - MP43(B)G1 1/12	400W (1/12)		▲
	HF - MP43(B)G1 1/20	400W (1/20)		▲
	HF - MP73(B)G1 1/5	750W (1/5)		▲
	HF - MP73(B)G1 1/12	750W (1/12)		▲
	HF - MP73(B)G1 1/20	750W (1/20)		▲
	HF - MP053(B)G5 1/5	50W (1/5)	()	▲
	HF - MP053(B)G5 1/11	50W (1/11)		▲
	HF - MP053(B)G5 1/21	50W (1/21)		▲
	HF - MP053(B)G5 1/33	50W (1/33)		▲
	HF - MP053(B)G5 1/45	50W (1/45)		▲
	HF - MP13(B)G5 1/5	100W (1/5)		▲
	HF - MP13(B)G5 1/11	100W (1/11)		▲
	HF - MP13(B)G5 1/21	100W (1/21)		▲
	HF - MP13(B)G5 1/33	100W (1/33)		▲
	HF - MP13(B)G5 1/45	100W (1/45)		▲
	HF - MP23(B)G5 1/5	200W (1/5)		▲
	HF - MP23(B)G5 1/11	200W (1/11)		▲
	HF - MP23(B)G5 1/21	200W (1/21)		▲
	HF - MP23(B)G5 1/33	200W (1/33)		▲
	HF - MP23(B)G5 1/45	200W (1/45)		▲
	HF - MP43(B)G5 1/5	400W (1/5)		▲
	HF - MP43(B)G5 1/11	400W (1/11)		▲
	HF - MP43(B)G5 1/21	400W (1/21)		▲
	HF - MP43(B)G5 1/33	400W (1/33)		▲
	HF - MP43(B)G5 1/45	400W (1/45)		▲
	HF - MP73(B)G5 1/5	750W (1/5)		▲
	HF - MP73(B)G5 1/11	750W (1/11)		▲
	HF - MP73(B)G5 1/21	750W (1/21)		▲
	HF - MP73(B)G5 1/33	750W (1/33)		▲
	HF - MP73(B)G5 1/45	750W (1/45)		▲

1.

● :
▲ :

HF - MP (1) < > A : A4	HF - MP053(B)G7 1/5	50W (1/5)	()	▲
	HF - MP053(B)G7 1/11	50W (1/11)		▲
	HF - MP053(B)G7 1/21	50W (1/21)		▲
	HF - MP053(B)G7 1/33	50W (1/33)		▲
	HF - MP053(B)G7 1/45	50W (1/45)		▲
	HF - MP13(B)G7 1/5	100W (1/5)		▲
	HF - MP13(B)G7 1/11	100W (1/11)		▲
	HF - MP13(B)G7 1/21	100W (1/21)		▲
	HF - MP13(B)G7 1/33	100W (1/33)		▲
	HF - MP13(B)G7 1/45	100W (1/45)		▲
	HF - MP23(B)G7 1/5	200W (1/5)		▲
	HF - MP23(B)G7 1/11	200W (1/11)		▲
	HF - MP23(B)G7 1/21	200W (1/21)		▲
	HF - MP23(B)G7 1/33	200W (1/33)		▲
	HF - MP23(B)G7 1/45	200W (1/45)		▲
	HF - MP43(B)G7 1/5	400W (1/5)		▲
	HF - MP43(B)G7 1/11	400W (1/11)		▲
	HF - MP43(B)G7 1/21	400W (1/21)		▲
	HF - MP43(B)G7 1/33	400W (1/33)		▲
	HF - MP43(B)G7 1/45	400W (1/45)		▲
	HF - MP73(B)G7 1/5	750W (1/5)		▲
	HF - MP73(B)G7 1/11	750W (1/11)		▲
	HF - MP73(B)G7 1/21	750W (1/21)		▲
	HF - MP73(B)G7 1/33	750W (1/33)		▲
	HF - MP73(B)G7 1/45	750W (1/45)		▲
HF - SP1000r/min (1) < > ● 2kW A : A4 ● 3kW A : B0	HF - SP51	500W		▲
	HF - SP81	850W		▲
	HF - SP121	1.2kW		▲
	HF - SP201	2kW		▲
	HF - SP301	3kW		▲
	HF - SP421	4.2kW		▲
	HF - SP51B	500W		▲
	HF - SP81B	850W		▲
	HF - SP121B	1.2kW		▲
	HF - SP201B	2kW		▲
	HF - SP301B	3kW		▲
	HF - SP421B	4.2kW		▲
HF - SP2000r/min (1)	HF - SP52	500W	200V	●
	HF - SP102	1kW		●
	HF - SP152	1.5kW		●
	HF - SP202	2kW		●
	HF - SP352	3.5kW		●
	HF - SP502	5kW		●
	HF - SP702	7kW		●
	HF - SP524	500W	400V	
	HF - SP1024	1kW		
	HF - SP1524	1.5kW		
	HF - SP2024	2kW		
	HF - SP3524	3.5kW		
	HF - SP5024	5kW		▲
	HF - SP7024	7kW		▲
	HF - SP52B	500W	200V	●
	HF - SP102B	1kW		●
	HF - SP152B	1.5kW		●
	HF - SP202B	2kW		●
	HF - SP352B	3.5kW		●
	HF - SP502B	5kW		●
	HF - SP702B	7kW		●
	HF - SP524B	500W	400V	
	HF - SP1024B	1kW		
	HF - SP1524B	1.5kW		
	HF - SP2024B	2kW		

)1.

● :
▲ :

MELSERVO-J3

HF - SP2000r/min (1)	HF - SP3524B	3.5kW	400V	() G1 ... G1H ... (2)	
	HF - SP5024B	5kW			▲
	HF - SP7024B	7kW			▲
	HF - SP52(B)G1(H) 1/6	500W (1/6)	▲		
	HF - SP52(B)G1(H) 1/11	500W (1/11)	▲		
	HF - SP52(B)G1(H) 1/17	500W (1/17)	200V		▲
	HF - SP52(B)G1(H) 1/29	500W (1/29)			▲
	HF - SP52(B)G1(H) 1/35	500W (1/35)			▲
	HF - SP52(B)G1(H) 1/43	500W (1/43)			▲
	HF - SP52(B)G1(H) 1/59	500W (1/59)			▲
	HF - SP102(B)G1(H) 1/6	1kW (1/6)			▲
	HF - SP102(B)G1(H) 1/11	1kW (1/11)			▲
	HF - SP102(B)G1(H) 1/17	1kW (1/17)			▲
	HF - SP102(B)G1(H) 1/29	1kW (1/29)			▲
	HF - SP102(B)G1(H) 1/35	1kW (1/35)			▲
	HF - SP102(B)G1(H) 1/43	1kW (1/43)			▲
	HF - SP102(B)G1(H) 1/59	1kW (1/59)			▲
	HF - SP152(B)G1(H) 1/6	1.5kW (1/6)			▲
	HF - SP152(B)G1(H) 1/11	1.5kW (1/11)			▲
	HF - SP152(B)G1(H) 1/17	1.5kW (1/17)			▲
	HF - SP152(B)G1(H) 1/29	1.5kW (1/29)			▲
	HF - SP152(B)G1(H) 1/35	1.5kW (1/35)			▲
	HF - SP152(B)G1(H) 1/43	1.5kW (1/43)			▲
	HF - SP152(B)G1(H) 1/59	1.5kW (1/59)			▲
	HF - SP202(B)G1(H) 1/6	2kW (1/6)			▲
	HF - SP202(B)G1(H) 1/11	2kW (1/11)			▲
	HF - SP202(B)G1(H) 1/17	2kW (1/17)			▲
	HF - SP202(B)G1(H) 1/29	2kW (1/29)			▲
	HF - SP202(B)G1(H) 1/35	2kW (1/35)			▲
	HF - SP202(B)G1(H) 1/43	2kW (1/43)			▲
	HF - SP202(B)G1(H) 1/59	2kW (1/59)			▲
	HF - SP352(B)G1(H) 1/6	3.5kW (1/6)			▲
	HF - SP352(B)G1(H) 1/11	3.5kW (1/11)			▲
	HF - SP352(B)G1(H) 1/17	3.5kW (1/17)			▲
	HF - SP352(B)G1(H) 1/29	3.5kW (1/29)			▲
	HF - SP352(B)G1(H) 1/35	3.5kW (1/35)			▲
	HF - SP352(B)G1(H) 1/43	3.5kW (1/43)			▲
	HF - SP352(B)G1(H) 1/59	3.5kW (1/59)			▲
	HF - SP502(B)G1(H) 1/6	5kW (1/6)			▲
	HF - SP502(B)G1(H) 1/11	5kW (1/11)			▲
	HF - SP502(B)G1(H) 1/17	5kW (1/17)			▲
	HF - SP502(B)G1(H) 1/29	5kW (1/29)			▲
	HF - SP502(B)G1(H) 1/35	5kW (1/35)			▲
	HF - SP502(B)G1(H) 1/43	5kW (1/43)			▲
	HF - SP502(B)G1(H) 1/59	5kW (1/59)			▲
	HF - SP702(B)G1(H) 1/6	7kW (1/6)			▲
	HF - SP702(B)G1(H) 1/11	7kW (1/11)			▲
	HF - SP702(B)G1(H) 1/17	7kW (1/17)			▲
	HF - SP702(B)G1(H) 1/29	7kW (1/29)			▲
	HF - SP702(B)G1(H) 1/35	7kW (1/35)			▲
	HF - SP702(B)G1(H) 1/43	7kW (1/43)			▲
	HF - SP702(B)G1(H) 1/59	7kW (1/59)			▲
HF - SP524(B)G1(H) 1/6	500W (1/6)	400V			
HF - SP524(B)G1(H) 1/11	500W (1/11)				
HF - SP524(B)G1(H) 1/17	500W (1/17)				
HF - SP524(B)G1(H) 1/29	500W (1/29)				
HF - SP524(B)G1(H) 1/35	500W (1/35)				
HF - SP524(B)G1(H) 1/43	500W (1/43)				
HF - SP524(B)G1(H) 1/59	500W (1/59)				
HF - SP1024(B)G1(H) 1/6	1kW (1/6)				
HF - SP1024(B)G1(H) 1/11	1kW (1/11)				
HF - SP1024(B)G1(H) 1/17	1kW (1/17)				

1)
2. G1(), G1H() 가

● :
▲ :

HF - SP2000r/min (1)	HF - SP1024(B)G1(H) 1/29	1kW (1/29)	400V	() G1... G1H... (2)	
	HF - SP1024(B)G1(H) 1/35	1kW (1/35)			
	HF - SP1024(B)G1(H) 1/43	1kW (1/43)			
	HF - SP1024(B)G1(H) 1/59	1kW (1/59)			
	HF - SP1524(B)G1(H) 1/6	1.5kW (1/6)			
	HF - SP1524(B)G1(H) 1/11	1.5kW (1/11)			
	HF - SP1524(B)G1(H) 1/17	1.5kW (1/17)			
	HF - SP1524(B)G1(H) 1/29	1.5kW (1/29)			
	HF - SP1524(B)G1(H) 1/35	1.5kW (1/35)			
	HF - SP1524(B)G1(H) 1/43	1.5kW (1/43)			
	HF - SP1524(B)G1(H) 1/59	1.5kW (1/59)			
	HF - SP2024(B)G1(H) 1/6	2kW (1/6)			
	HF - SP2024(B)G1(H) 1/11	2kW (1/11)			
	HF - SP2024(B)G1(H) 1/17	2kW (1/17)			
	HF - SP2024(B)G1(H) 1/29	2kW (1/29)			
	HF - SP2024(B)G1(H) 1/35	2kW (1/35)			
	HF - SP2024(B)G1(H) 1/43	2kW (1/43)			
	HF - SP2024(B)G1(H) 1/59	2kW (1/59)			
	HF - SP3524(B)G1(H) 1/6	3.5kW (1/6)			
	HF - SP3524(B)G1(H) 1/11	3.5kW (1/11)			
	HF - SP3524(B)G1(H) 1/17	3.5kW (1/17)			
	HF - SP3524(B)G1(H) 1/29	3.5kW (1/29)			
	HF - SP3524(B)G1(H) 1/35	3.5kW (1/35)			
	HF - SP3524(B)G1(H) 1/43	3.5kW (1/43)			
	HF - SP3524(B)G1(H) 1/59	3.5kW (1/59)			
	HF - SP5024(B)G1(H) 1/6	5kW (1/6)			▲
	HF - SP5024(B)G1(H) 1/11	5kW (1/11)			▲
	HF - SP5024(B)G1(H) 1/17	5kW (1/17)			▲
	HF - SP5024(B)G1(H) 1/29	5kW (1/29)			▲
	HF - SP5024(B)G1(H) 1/35	5kW (1/35)			▲
	HF - SP5024(B)G1(H) 1/43	5kW (1/43)			▲
	HF - SP5024(B)G1(H) 1/59	5kW (1/59)			▲
	HF - SP7024(B)G1(H) 1/6	7kW (1/6)			▲
	HF - SP7024(B)G1(H) 1/11	7kW (1/11)			▲
	HF - SP7024(B)G1(H) 1/17	7kW (1/17)			▲
	HF - SP7024(B)G1(H) 1/29	7kW (1/29)			▲
	HF - SP7024(B)G1(H) 1/35	7kW (1/35)			▲
	HF - SP7024(B)G1(H) 1/43	7kW (1/43)			▲
	HF - SP7024(B)G1(H) 1/59	7kW (1/59)			▲
	HF - SP52(B)G5 1/5	500W (1/5)	200V	()	▲
	HF - SP52(B)G5 1/11	500W (1/11)			▲
	HF - SP52(B)G5 1/21	500W (1/21)			▲
	HF - SP52(B)G5 1/33	500W (1/33)			▲
	HF - SP52(B)G5 1/45	500W (1/45)			▲
	HF - SP102(B)G5 1/5	1kW (1/5)			▲
	HF - SP102(B)G5 1/11	1kW (1/11)			▲
	HF - SP102(B)G5 1/21	1kW (1/21)			▲
	HF - SP102(B)G5 1/33	1kW (1/33)			▲
	HF - SP102(B)G5 1/45	1kW (1/45)			▲
	HF - SP152(B)G5 1/5	1.5kW (1/5)			▲
	HF - SP152(B)G5 1/11	1.5kW (1/11)			▲
	HF - SP152(B)G5 1/21	1.5kW (1/21)			▲
	HF - SP152(B)G5 1/33	1.5kW (1/33)			▲
	HF - SP152(B)G5 1/45	1.5kW (1/45)			▲
	HF - SP202(B)G5 1/5	2kW (1/5)			▲
	HF - SP202(B)G5 1/11	2kW (1/11)			▲
	HF - SP202(B)G5 1/21	2kW (1/21)			▲
	HF - SP202(B)G5 1/33	2kW (1/33)			▲
	HF - SP202(B)G5 1/45	2kW (1/45)			▲
	HF - SP352(B)G5 1/5	3.5kW (1/5)			▲
	HF - SP352(B)G5 1/11	3.5kW (1/11)			▲
	HF - SP352(B)G5 1/21	3.5kW (1/21)			▲

1.)
2. G1(), G1H() 가

● :
▲ :

MELSERVO-J3

HF - SP2000r/min (1)	HF - SP502(B)G5	1/5	5kW (1/5)	200V	()	▲
	HF - SP502(B)G5	1/11	5kW (1/11)			▲
	HF - SP702(B)G5	1/5	7kW (1/5)			▲
	HF - SP524(B)G5	1/5	500W (1/5)			
	HF - SP524(B)G5	1/11	500W (1/11)			
	HF - SP524(B)G5	1/21	500W (1/21)			
	HF - SP524(B)G5	1/33	500W (1/33)			
	HF - SP524(B)G5	1/45	500W (1/45)			
	HF - SP1024(B)G5	1/5	1kW (1/5)			
	HF - SP1024(B)G5	1/11	1kW (1/11)			
	HF - SP1024(B)G5	1/21	1kW (1/21)			
	HF - SP1024(B)G5	1/33	1kW (1/33)			
	HF - SP1024(B)G5	1/45	1kW (1/45)			
	HF - SP1524(B)G5	1/5	1.5kW (1/5)	400V		
	HF - SP1524(B)G5	1/11	1.5kW (1/11)			
	HF - SP1524(B)G5	1/21	1.5kW (1/21)			
	HF - SP1524(B)G5	1/33	1.5kW (1/33)			
	HF - SP1524(B)G5	1/45	1.5kW (1/45)			
	HF - SP2024(B)G5	1/5	2kW (1/5)			
	HF - SP2024(B)G5	1/11	2kW (1/11)			
	HF - SP2024(B)G5	1/21	2kW (1/21)			
	HF - SP2024(B)G5	1/33	2kW (1/33)			
	HF - SP2024(B)G5	1/45	2kW (1/45)			
	HF - SP3524(B)G5	1/5	3.5kW (1/5)			
	HF - SP3524(B)G5	1/11	3.5kW (1/11)			
	HF - SP3524(B)G5	1/21	3.5kW (1/21)			
	HF - SP5024(B)G5	1/5	5kW (1/5)			
	HF - SP5024(B)G5	1/11	5kW (1/11)			
	HF - SP7024(B)G5	1/5	7kW (1/5)			
	HF - SP52(B)G7	1/5	500W (1/5)			200V
	HF - SP52(B)G7	1/11	500W (1/11)	▲		
	HF - SP52(B)G7	1/21	500W (1/21)	▲		
	HF - SP52(B)G7	1/33	500W (1/33)	▲		
	HF - SP52(B)G7	1/45	500W (1/45)	▲		
	HF - SP102(B)G7	1/5	1kW (1/5)	▲		
	HF - SP102(B)G7	1/11	1kW (1/11)	▲		
	HF - SP102(B)G7	1/21	1kW (1/21)	▲		
	HF - SP102(B)G7	1/33	1kW (1/33)	▲		
	HF - SP102(B)G7	1/45	1kW (1/45)	▲		
	HF - SP152(B)G7	1/5	1.5kW (1/5)	▲		
	HF - SP152(B)G7	1/11	1.5kW (1/11)	▲		
	HF - SP152(B)G7	1/21	1.5kW (1/21)	▲		
	HF - SP152(B)G7	1/33	1.5kW (1/33)	▲		
	HF - SP152(B)G7	1/45	1.5kW (1/45)	▲		
	HF - SP202(B)G7	1/5	2kW (1/5)	▲		
	HF - SP202(B)G7	1/11	2kW (1/11)	▲		
	HF - SP202(B)G7	1/21	2kW (1/21)	▲		
	HF - SP202(B)G7	1/33	2kW (1/33)	▲		
	HF - SP202(B)G7	1/45	2kW (1/45)	▲		
	HF - SP352(B)G7	1/5	3.5kW (1/5)	▲		
HF - SP352(B)G7	1/11	3.5kW (1/11)	▲			
HF - SP352(B)G7	1/21	3.5kW (1/21)	▲			
HF - SP502(B)G7	1/5	5kW (1/5)	400V	▲		
HF - SP502(B)G7	1/11	5kW (1/11)		▲		
HF - SP702(B)G7	1/5	7kW (1/5)		▲		
HF - SP524(B)G7	1/5	500W (1/5)				
HF - SP524(B)G7	1/11	500W (1/11)				
HF - SP524(B)G7	1/21	500W (1/21)				
HF - SP524(B)G7	1/33	500W (1/33)				
HF - SP524(B)G7	1/45	500W (1/45)				
HF - SP1024(B)G7	1/5	1kW (1/5)				
HF - SP1024(B)G7	1/11	1kW (1/11)				

1.

• :
▲ :

HF - SP2000r/min (1)	HF - SP1024(B)G7	1/21	1kW (1/21)	400V	()	
	HF - SP1024(B)G7	1/33	1kW (1/33)			
	HF - SP1024(B)G7	1/45	1kW (1/45)			
	HF - SP1524(B)G7	1/5	1.5kW (1/5)			
	HF - SP1524(B)G7	1/11	1.5kW (1/11)			
	HF - SP1524(B)G7	1/21	1.5kW (1/21)			
	HF - SP1524(B)G7	1/33	1.5kW (1/33)			
	HF - SP1524(B)G7	1/45	1.5kW (1/45)			
	HF - SP2024(B)G7	1/5	2kW (1/5)			
	HF - SP2024(B)G7	1/11	2kW (1/11)			
	HF - SP2024(B)G7	1/21	2kW (1/21)			
	HF - SP2024(B)G7	1/33	2kW (1/33)			
	HF - SP2024(B)G7	1/45	2kW (1/45)			
	HF - SP3524(B)G7	1/5	3.5kW (1/5)			
	HF - SP3524(B)G7	1/11	3.5kW (1/11)			
	HF - SP3524(B)G7	1/21	3.5kW (1/21)			
	HF - SP5024(B)G7	1/5	5kW (1/5)			▲
	HF - SP5024(B)G7	1/11	5kW (1/11)			▲
	HF - SP7024(B)G7	1/5	7kW (1/5)			▲
HC - LP < (1) > A : B0 B : A0	HC - LP52		500W			▲
	HC - LP102		1kW			▲
	HC - LP152		1.5kW			▲
	HC - LP202		2kW			▲
	HC - LP302		3kW			▲
	HC - LP52B		500W			▲
	HC - LP102B		1kW			▲
	HC - LP152B		1.5kW			▲
	HC - LP202B		2kW			▲
	HC - LP302B		3kW			▲
HC - RP < (1) > A : B0 B : A0	HC - RP103		1kW			▲
	HC - RP153		1.5kW			▲
	HC - RP203		2kW			▲
	HC - RP353		3.5kW			▲
	HC - RP503		5kW			▲
	HC - RP103B		1kW			▲
	HC - RP153B		1.5kW			▲
	HC - RP203B		2kW			▲
	HC - RP353B		3.5kW			▲
	HC - RP503B		5kW			▲
	HC - RP103(B)G5	1/5	1kW (1/5)	()		▲
	HC - RP103(B)G5	1/11	1kW (1/11)			▲
	HC - RP103(B)G5	1/21	1kW (1/21)			▲
	HC - RP103(B)G5	1/33	1kW (1/33)			▲
	HC - RP103(B)G5	1/45	1kW (1/45)			▲
	HC - RP153(B)G5	1/5	1.5kW (1/5)			▲
	HC - RP153(B)G5	1/11	1.5kW (1/11)			▲
	HC - RP153(B)G5	1/21	1.5kW (1/21)			▲
	HC - RP153(B)G5	1/33	1.5kW (1/33)			▲
	HC - RP153(B)G5	1/45	1.5kW (1/45)			▲
	HC - RP203(B)G5	1/5	2kW (1/5)			▲
	HC - RP203(B)G5	1/11	2kW (1/11)			▲
	HC - RP203(B)G5	1/21	2kW (1/21)			▲
	HC - RP203(B)G5	1/33	2kW (1/33)			▲
	HC - RP203(B)G5	1/45	2kW (1/45)			▲
	HC - RP353(B)G5	1/5	3.5kW (1/5)			▲
	HC - RP353(B)G5	1/11	3.5kW (1/11)			▲
	HC - RP353(B)G5	1/21	3.5kW (1/21)			▲
	HC - RP353(B)G5	1/33	3.5kW (1/33)			▲
	HC - RP503(B)G5	1/5	5kW (1/5)			▲
	HC - RP503(B)G5	1/11	5kW (1/11)			▲
	HC - RP503(B)G5	1/21	5kW (1/21)			▲

)1.

● :
▲ :

MELSERVO-J3

HC - RP < (1) > A : B0 B : A0	HC - RP103(B)G7 1/5	1kW (1/5)	()	▲
	HC - RP103(B)G7 1/11	1kW (1/11)		▲
	HC - RP103(B)G7 1/21	1kW (1/21)		▲
	HC - RP103(B)G7 1/33	1kW (1/33)		▲
	HC - RP103(B)G7 1/45	1kW (1/45)		▲
	HC - RP153(B)G7 1/5	1.5kW (1/5)		▲
	HC - RP153(B)G7 1/11	1.5kW (1/11)		▲
	HC - RP153(B)G7 1/21	1.5kW (1/21)		▲
	HC - RP153(B)G7 1/33	1.5kW (1/33)		▲
	HC - RP153(B)G7 1/45	1.5kW (1/45)		▲
	HC - RP203(B)G7 1/5	2kW (1/5)		▲
	HC - RP203(B)G7 1/11	2kW (1/11)		▲
	HC - RP203(B)G7 1/21	2kW (1/21)		▲
	HC - RP203(B)G7 1/33	2kW (1/33)		▲
	HC - RP203(B)G7 1/45	2kW (1/45)		▲
	HC - RP353(B)G7 1/5	3.5kW (1/5)		▲
	HC - RP353(B)G7 1/11	3.5kW (1/11)		▲
	HC - RP353(B)G7 1/21	3.5kW (1/21)		▲
	HC - RP353(B)G7 1/33	3.5kW (1/33)		▲
	HC - RP503(B)G7 1/5	5kW (1/5)		▲
	HC - RP503(B)G7 1/11	5kW (1/11)		▲
	HC - RP503(B)G7 1/21	5kW (1/21)		▲
HC - UP < (1) > A : B0 B : A0	HC - UP72	750W		▲
	HC - UP152	1.5kW		▲
	HC - UP202	2kW		▲
	HC - UP352	3.5kW		▲
	HC - UP502	5kW		▲
	HC - UP72B	750W		▲
	HC - UP152B	1.5kW		▲
	HC - UP202B	2kW		▲
	HC - UP352B	3.5kW		▲
	HC - UP502B	5kW		▲
HA - LP1000r/min < (1) > ● 6kW(200V) A : B0 B : A0 ● 8kW~25kW(200V) A : B3 B : A3 ● 12, 15kW(400V) A : B3 B : A4	HA - LP601	6kW	200V	▲
	HA - LP801	8kW		▲
	HA - LP12K1	12kW		▲
	HA - LP15K1	15kW		▲
	HA - LP20K1	20kW		▲
	HA - LP25K1	25kW		▲
	HA - LP30K1	30kW		▲
	HA - LP37K1	37kW	400V	▲
	HA - LP6014	6kW		▲
	HA - LP8014 (2)	8kW		▲
	HA - LP12K14	12kW		▲
	HA - LP15K14	15kW		▲
	HA - LP20K14 (2)	20kW		▲
	HA - LP25K14	25kW		▲
	HA - LP30K14	30kW	200V	▲
	HA - LP37K14	37kW		▲
	HA - LP601B	6kW		▲
	HA - LP801B	8kW		▲
	HA - LP12K1B	12kW		▲
	HA - LP6014B	6kW	400V	▲
	HA - LP8014B (2)	8kW		▲
	HA - LP12K14B	12kW		▲

)1.
2.

● :
▲ :

A

B

T

HA - LP1500r/min (1) < > ● 7kW(200V) A : B0 B : A0 ● 11kW~22kW(200V) A : B3 B : A3 ● 15kW(400V) A : B3 B : A4	HA - LP701M	7kW	200V		▲
	HA - LP11K1M	11kW			▲
	HA - LP15K1M	15kW			▲
	HA - LP22K1M	22kW			▲
	HA - LP30K1M	30kW			▲
	HA - LP37K1M	37kW			▲
	HA - LP701M4	7kW	400V		▲
	HA - LP11K1M4 (2)	11kW			▲
	HA - LP15K1M4	15kW			▲
	HA - LP22K1M4 (2)	22kW			▲
	HA - LP30K1M4	30kW			▲
	HA - LP37K1M4	37kW			▲
	HA - LP45K1M4	45kW			▲
	HA - LP50K1M4	50kW			▲
	HA - LP701MB	7kW	200V		▲
	HA - LP11K1MB	11kW			▲
	HA - LP15K1MB	15kW			▲
	HA - LP701M4B	7kW	400V		▲
	HA - LP11K1M4B (2)	11kW			▲
	HA - LP15K1M4B	15kW			▲
HA - LP2000r/min (1) < > ● 5, 7kW(200V) A : B0 B : A0 ● 11kW~22kW(200V) A : B3 B : A3 ● 11kW~15kW(400V) A : B3 B : A4	HA - LP502	5kW	200V		▲
	HA - LP702	7kW			▲
	HA - LP11K2	11kW			▲
	HA - LP15K2	15kW			▲
	HA - LP22K2	22kW			▲
	HA - LP30K2	30kW			▲
	HA - LP37K2	37kW	400V		▲
	HA - LP11K24	11kW			▲
	HA - LP15K24	15kW			▲
	HA - LP22K24	22kW			▲
	HA - LP30K24	30kW			▲
	HA - LP37K24	37kW			▲
	HA - LP45K24	45kW			▲
	HA - LP55K24	55kW			▲
	HA - LP11K2B	11kW	200V		▲
	HA - LP15K2B	15kW			▲
	HA - LP22K2B	22kW			▲
	HA - LP11K24B	11kW	400V		▲
	HA - LP15K24B	15kW			▲
	HA - LP22K24B	22kW			▲

)1.

2.

● :

▲ :

MELSERVO-J3

IP65 ()		MR - J3ENCB2M - A1 - H	2m			HF - KP, HF - MP	●
		MR - J3ENCB5M - A1 - H	5m				●
		MR - J3ENCB10M - A1 - H	10m				●
		MR - J3ENCB2M - A1 - L	2m				●
		MR - J3ENCB5M - A1 - L	5m				●
		MR - J3ENCB10M - A1 - L	10m				●
		MR - J3ENCB2M - A2 - H	2m				●
		MR - J3ENCB5M - A2 - H	5m				●
		MR - J3ENCB10M - A2 - H	10m				●
		MR - J3ENCB2M - A2 - L	2m				●
		MR - J3ENCB5M - A2 - L	5m				●
		MR - J3ENCB10M - A2 - L	10m				●
IP20 ()		MR - J3JCB03M - A1 - L	0.3m		HF - KP, HF - MP	●	
		MR - J3JCB03M - A2 - L	0.3m			●	
		MR - EKCBL20M - H	20m			●	
		MR - EKCBL30M - H	30m			●	
		MR - EKCBL40M - H	40m			▲	
		MR - EKCBL50M - H	50m			▲	
		MR - EKCBL20M - L	20m			●	
		MR - EKCBL30M - L	30m			●	
IP67		MR - J3ENSCBL2M - H	2m		HF - SP, HC - LP, HC - RP, HC - UP, HA - LP	●	
		MR - J3ENSCBL5M - H	5m			●	
		MR - J3ENSCBL10M - H	10m			●	
		MR - J3ENSCBL20M - H	20m			●	
		MR - J3ENSCBL30M - H	30m			●	
		MR - J3ENSCBL40M - H	40m			▲	
		MR - J3ENSCBL50M - H	50m			▲	
		MR - J3ENSCBL2M - L	2m			●	
		MR - J3ENSCBL5M - L	5m			●	
		MR - J3ENSCBL10M - L	10m			●	
		MR - J3ENSCBL20M - L	20m			●	
		MR - J3ENSCBL30M - L	30m			●	
IP65 ()		MR - PWS1CBL2M - A1 - H	2m			HF - KP, HF - MP	●
		MR - PWS1CBL5M - A1 - H	5m				●
		MR - PWS1CBL10M - A1 - H	10m				●
		MR - PWS1CBL2M - A1 - L	2m				●
		MR - PWS1CBL5M - A1 - L	5m				●
		MR - PWS1CBL10M - A1 - L	10m				●
		MR - PWS1CBL2M - A2 - H	2m				●
		MR - PWS1CBL5M - A2 - H	5m				●
		MR - PWS1CBL10M - A2 - H	10m				●
		MR - PWS1CBL2M - A2 - L	2m				●
		MR - PWS1CBL5M - A2 - L	5m				●
		MR - PWS1CBL10M - A2 - L	10m				●
IP55 ()		MR - PWS2CBL03M - A1 - L	0.3m			●	
		MR - PWS2CBL03M - A2 - L	0.3m			●	
IP65 ()		MR - BKS1CBL2M - A1 - H	2m			HF - KP, HF - MP	●
		MR - BKS1CBL5M - A1 - H	5m				●
		MR - BKS1CBL10M - A1 - H	10m				●
		MR - BKS1CBL2M - A1 - L	2m				●
		MR - BKS1CBL5M - A1 - L	5m				●
		MR - BKS1CBL10M - A1 - L	10m				●
		MR - BKS1CBL2M - A2 - H	2m				●
		MR - BKS1CBL5M - A2 - H	5m				●
		MR - BKS1CBL10M - A2 - H	10m				●
		MR - BKS1CBL2M - A2 - L	2m				●
		MR - BKS1CBL5M - A2 - L	5m				●
		MR - BKS1CBL10M - A2 - L	10m				●
IP55 ()		MR - BKS2CBL03M - A1 - L	0.3m			●	
		MR - BKS2CBL03M - A2 - L	0.3m			●	

• :
▲ :

		MR - J3BUS015M	0.15m		●	
SSCNET ()		MR - J3BUS03M	0.3m		●	
		MR - J3BUS05M	0.5		●	
		MR - J3BUS1M	1m		●	
		MR - J3BUS3M	3m		●	
		MR - J3BUS5M - A	5m		●	
SSCNET ()		MR - J3BUS10M - A	10m		●	
		MR - J3BUS20M - A	20m		●	
		MR - J3BUS30M - B	30m		▲	
SSCNET ()		MR - J3BUS40M - B	40m		▲	
		MR - J3BUS50M - B	50m		▲	
				MR - J3CDL05M	0.5m	(CN40), (CN40A)
CN2L		MR - EKCBL2M - H	2m		●	
		MR - EKCBL5M - H	5m		●	
		MR - EKCBL10M - H	10m		●	
PC		MR - J3USBCBL3M	3m	USB , (CN5)	●	
		MR - J3CN6CBL1M	1m	, (CN6)	●	
		MR - J3ACHECK	MR Configurator(-)		●	
		MR - J3BTCBL03M	0.3m		●	
(MR - TB50)		MR - J2M - CN1TBL05M	0.5m	MR - J3 - A	●	
		MR - J2M - CN1TBL1M	1m	MR - J3 - D01	●	
(, PS7DW - 20V14B - F)		MR - J2HBUS05M	0.5m	MR - J3 - B MR - J3 - D01	●	
		MR - J2HBUS1M	1m		●	
		MR - J2HBUS5M	5m		●	
(MR - DS60)		MR - DSCBL25	25cm	MR - DS60 – MR - DS60	●	
		MR - DSCBL100	1m		▲	
		MR - DSCBL3M - G	3m	MR - DS60 – MR - J3 - D01	●	
		MR - DSCBL5M - G	5m		▲	
		MR - DSCBL10M - G	10m		▲	
IP20 ()		MR - ECNM	×1, (CN2)×1	HF - KP, HF - MP	●	
			×1, (CN2L)×1			
IP67		MR - J3SCNS	×1, (CN2)×1	HF - SP, HC - LP, HC - RP, HC - UP, HA - LP	●	
IP65, IP67		MR - PWCNS4		EN	HF - SP 1.5kW (2)	●
		MR - PWCNS5			HF - SP 2-5kW (2)	●
		MR - PWCNS3			HF - SP421, 702, HA - LP702	▲
		MR - PWCNS1			HC - LP, UP 1.5kW , HC - RP 2kW	●
		MR - PWCNS2			HC - LP, UP 2-5kW, HC - RP353, 503, HA - LP502	●
IP65, IP67		MR - BKCNS1			HF - SP	●
		MR - BKCNS			HC - LP, UP 2kW , HA - LP1000r/min 12kW , HA - LP1500r/min 15kW , HA - LP2000r/min 11~22kW	●
		MR - J3CN1	MR - J3 - A (CN1) MR - J3D01 (CN10)		●	
		MR - CCN1	MR - J3 - B (CN3) MR - J3D01 (CN20)		●	
		MR - J2CN1 - A	(CN40)×1, (CN40A)×1		●	
		MR - J3 - TM	(CN40B)		▲	
		MR - J3CN2	MR - J3 - B - RJ006 (CN2L)		▲	
		MR - J2CMP2	MR - J3 - T (CN6)		▲	
		MR - J3BCN1	SSCNET		●	
IO		MR - J3 - D01	MR - J3 - A - RJ040 , MR - J3 - T		●	
		MR - PRU03	MR - J3 - A , MR - J3 - T		▲	

• :
▲ :

MELSERVO-J3

	MR - J3BAT		●
	MR - J3ACN	MR - J3 - 11K□(4) ~ MR - J3 - 22K□(4)	▲
	MR - TB50	50 (MR - J3 - A , MR - J3 - D01)	●
	MR - HDP01	MR - J3 - T	●
6	MR - DS60	MR - J3 - D01	●
	MR - RB032	30W, 40Ω	●
	MR - RB12	100W, 40Ω	●
	MR - RB30	300W, 13Ω	●
	MR - RB31	300W, 6.7Ω	●
	MR - RB32	300W, 40Ω	●
	MR - RB50	500W, 13Ω	●
	MR - RB51	500W, 6.7Ω	●
	MR - RB5E	500(800)W, 6Ω	▲
	MR - RB9P	850(1300)W, 4.5Ω	▲
	MR - RB9F	850(1300)W, 3Ω	▲
	MR - RB139	1300W, 1.3Ω	▲
	MR - RB137	(3900W, 1.3Ω 1 3) 3	▲
	MR - RB1H - 4	100W, 82Ω	▲
	MR - RB3M - 4	300W, 120Ω	▲
	MR - RB3G - 4	300W, 47Ω	▲
	MR - RB34 - 4	300W, 26Ω	▲
	MR - RB5G - 4	500W, 47Ω	▲
	MR - RB54 - 4	500W, 26Ω	▲
	MR - RB6B - 4	500(800)W, 20Ω	▲
	MR - RB60 - 4	850(1300)W, 12.5Ω	▲
	MR - RB6K - 4	850(1300)W, 10Ω	▲
	MR - RB136 - 4	1300W, 5Ω	▲
	MR - RB138 - 4	(3900W, 5Ω 1 3) 3	▲
	DBU - 11K	MR - J3 - 11K□	●
	DBU - 15K	MR - J3 - 15K□	●
	DBU - 22K	MR - J3 - 22K□	●
	DBU - 37K	MR - J3 - DU30K□, DU37K□	▲
	DBU - 11K - 4	MR - J3 - 11K□4	▲
	DBU - 22K - 4	MR - J3 - 15K□4, MR - J3 - 22K□4	▲
	DBU - 55K - 4	MR - J3 - DU30K□4, DU37K□4, DU45K□4, DU55K□4	▲
	MR - DCL30K	MR - J3 - DU30K□	▲
	MR - DCL37K	MR - J3 - DU37K□	▲
	MR - DCL30K - 4	MR - J3 - DU30K□4	▲
	MR - DCL37K - 4	MR - J3 - DU37K□4	▲
	MR - DCL45K - 4	MR - J3 - DU45K□4	▲
	MR - DCL55K - 4	MR - J3 - DU55K□4	▲
MR - Configurator (-)	MRZJW3 - SETUP221	PC - (1)	●

) 1. - SETUP211 MR - J3 - 500A MR - J3 - B MR - J3 - 500A MR - J3 - B - SETUP221
 MR - J3 - 11KB~22KB, MR - J3 - 10B(1) - RJ006~700B - RJ006 HA - LP (200V) 8~25kW - SETUP221 B3
 MR - J3 - 11KA(4)~22KA(4), MR - J3 - 11KB4~22KB4, MR - J3 - 10T(1)~22KT, HF - SP301, 421, HC - LP, HC - RP, HC - UP, HA - LP (200V)
 7kW , HA - LP (400V) 8~22kW - SETUP221 B4
 MR - J3 - DU30KB(4) , MR - J3 - 11KB(4) - RJ006~22KB(4) - RJ006 HA - LP (200V) 30kW , HA - LP (400V) 25kW
 - SETUP221 B5
 MR - J3 - DU30KA(4) , MR - J3 - 60A4/B4~700A4/B4, MR - J3 - 60B4 - RJ006~700B4 - RJ006, MR - J3 - 60T4~22KT4 HF - SP 2000r/min
 (400V) , HA - LP6014(B), 701M4(B), - SETUP221 B7

RoHS

RoHS () 2006 9 RoHS
가

		RoHS
MR - J3SCNS MR - ECNM	(3M) 36210 - 0100JL() () 36310 - 3200 - 008()	(3M) 36210 - 0100PL() 36310 - 3200 - 008()
MR - PWCNS4	(DDK) CE05 - 6A18 - 10SD - B - BSS(+) CE3057 - 10A - 1(D265)()	(DDK) CE05 - 6A18 - 10SD - D - BSS(+) CE3057 - 10A - 1 - D()
MR - PWCNS5	(DDK) CE05 - 6A22 - 22SD - B - BSS(+) CE3057 - 12A - 1(D265)()	(DDK) CE05 - 6A22 - 22SD - D - BSS(+) CE3057 - 12A - 1 - D()
MR - PWCNS3	(DDK) CE05 - 6A32 - 17SD - B - BSS(+) CE3057 - 20A - 1(D265)()	(DDK) CE05 - 6A32 - 17SD - D - BSS(+) CE3057 - 20A - 1 - D()
MR - PWCNS1	(DDK) CE05 - 6A22 - 23SD - B - BSS(+) CE3057 - 12A - 2(D265)()	(DDK) CE05 - 6A22 - 23SD - D - BSS(+) CE3057 - 12A - 2 - D()
MR - PWCNS2	(DDK) CE05 - 6A24 - 10SD - B - BSS(+) CE3057 - 16A - 2(D265)()	(DDK) CE05 - 6A24 - 10SD - D - BSS(+) CE3057 - 16A - 2 - D()
MR - BKCEN	(DDK) MS3106A10SL - 4S(D190)()	(DDK) D/MS3106A10SL - 4S(D190)()
MR - CCN1	(3M) 10120 - 3000VE()	(3M) 10120 - 3000PE()
MR - J3CN1	(3M) 10150 - 3000VE()	(3M) 10150 - 3000PE()
MR - J2CMP2	(3M) 10126 - 3000VE()	(3M) 10126 - 3000PE()
MR - J3CN1	(3M) 10150 - 3000VE()	(3M) 10150 - 3000PE()

) RoHS 36210 - 0100FD7

() RoHS

		RoHS	
	()	JN4FT04SJ1	JN4FT04SJ1 - R
		CE05 - 6A18 - 10SD - B - BSS	CE05 - 6A18 - 10SD - D - BSS
		CE05 - 6A22 - 22SD - B - BSS	CE05 - 6A22 - 22SD - D - BSS
		CE05 - 6A22 - 23SD - B - BSS	CE05 - 6A22 - 23SD - D - BSS
		CE05 - 6A32 - 17SD - B - BSS	CE05 - 6A32 - 17SD - D - BSS
	()	CE05 - 6A24 - 10SD - B - BSS	CE05 - 6A24 - 10SD - D - BSS
		CE05 - 8A18 - 10SD - B - BAS	CE05 - 8A18 - 10SD - D - BAS
		CE05 - 8A22 - 22SD - B - BAS	CE05 - 8A22 - 22SD - D - BAS
		CE05 - 8A32 - 17SD - B - BAS	CE05 - 8A32 - 17SD - D - BAS
		CE05 - 8A22 - 23SD - B - BAS	CE05 - 8A22 - 23SD - D - BAS
		CE05 - 8A24 - 10SD - B - BAS	CE05 - 8A24 - 10SD - D - BAS
		CE3057 - 10A - 1(D265)	CE3057 - 10A - 1 - D
		CE3057 - 10A - 2(D265)	CE3057 - 10A - 2 - D
		CE3057 - 12A - 1(D265)	CE3057 - 12A - 1 - D
		CE3057 - 12A - 2(D265)	CE3057 - 12A - 2 - D
		CE3057 - 16A - 1(D265)	CE3057 - 16A - 1 - D
		CE3057 - 16A - 2(D265)	CE3057 - 16A - 2 - D
		CE3057 - 20A - 1(D265)	CE3057 - 20A - 1 - D
		MS3106A10SL - 4S(D190)	D/MS3106A10SL - 4S(D190)
		JN4FT02SJ1	JN4FT02SJ1 - R
		() Tel : (0565) 34 - 0600	
		() () Tel : (03) 5606 - 1155	
		() Tel : (0565) 34 - 0600	



● 상해 FA센터

- MITSUBISHI ELECTRIC AUTOMATION(SHANGHAI) LTD.
80 Xin Chang Road, 4th Floor,
Shanghai Intelligence Fortune Leisure Plaza
Huang Pu district, Shanghai 200003, China
Tel : 86-21-6121-2460 Fax : 86-21-6121-2424

● 북경 FA센터

- MITSUBISHI ELECTRIC AUTOMATION(SHANGHAI) LTD.
BEIJING OFFICE
Unit 917/918, 9/F Office Tower 1,
Henderson Center, 18 Jianguomennei Dajie,
Dongcheng District, Beijing 100005, China
Tel : 86-10-6518-8830 Fax : 86-10-6518-8030

● 천진 FA센터

- MITSUBISHI ELECTRIC AUTOMATION(SHANGHAI) LTD.
TIANJIN OFFICE
B-2 801/802 Youyi Building,
No.50 Youyi Road, Hexi District,
Tianjin 300061, China
Tel : 86-22-2813-1015 Fax : 86-22-2813-1017

● 홍콩 FA센터

- MITSUBISHI ELECTRIC AUTOMATION(HONG KONG) LTD. (FA DIVISION)
10th Floor, Manulife Tower, 169 Electric Road,
North Point, Hong Kong
Tel : 852-2887-8870 Fax : 852-2887-7984

● 대만 FA센터

- SETSUYO ENTERPRISE CO., LTD.
6F No.105 Wu Kung 3rd RD, Wu-Ku Hsiang,
Taipei Hsien, Taiwan
Tel : 886-2-2299-2499 Fax : 886-2-2299-2509

● 한국 FA센터

- MITSUBISHI ELECTRIC AUTOMATION KOREA CO., LTD.
1480-6 Gayang-dong, Gangseo-gu, Seoul 157-200, Korea
Tel : 82-2-3660-9607 Fax : 82-2-3663-0475

● 태국 FA센터

- MITSUBISHI ELECTRIC AUTOMATION THAILAND CO., LTD.
Bang-Chan Industrial Estate No.111
Moo4, Serithai Road, T.kannayao A.kannayao
Bangkok 10230, Thailand

● 아세안 FA센터

- MITSUBISHI ELECTRIC ASIA PTE, LTD.
307 Alexandra Road #05-01/02
Mitsubishi Electric Building, Singapore 159943
Tel : 65-6470-2480 Fax : 65-6476-7439

● 북미 FA센터

- MITSUBISHI ELECTRIC AUTOMATION, INC.
500 Corporate Woods Parkway, Vernon Hills, IL 60061, USA
Tel : 1-847-478-2330 Fax : 1-847-478-2396

● 유럽 FA센터

- MITSUBISHI ELECTRIC EUROPE B.V. GERMAN BRANCH
Gothaer Strasse 8 D-40880 Ratingen, GERMANY
Tel : 49-2102-486-2630 Fax : 49-2102-486-7170

● 영국 FA센터

- MITSUBISHI ELECTRIC EUROPE B.V. UK BRANCH
(Customer Technology Centre)
Travellers Lane, Hatfield, Hertfordshire, AL10 8XB, U.K.
Tel : 44-1707-278843 Fax : 44-1707-278992



본 사: 157-200 서울특별시 강서구 가양동 1480-6
 TEL. 02)3660-9515~19 FAX. 02)3664-8372/8335

부산영업소: 617-726 부산광역시 사상구 과법동 578
 산업용품유통상가 업무동 206호
 TEL. 051)319-3747 FAX. 051)319-3768

대구영업소: 702-845 대구광역시 북구 산격2동 1666
 종합유통단지 전기조명관 업무동 603호
 TEL. 053)604-6047 FAX. 053)604-6049

F.A 센터: 서울특별시 강서구 가양동 1480-6 2F
 TEL. 02)3660-9607 FAX. 02)3663-0475

<http://www.mitsubishi-automation.co.kr>

• • •	가 가 2