MX13-SERIES

3 Phase Noise filter for FA Servo System

LAMBDA
DENSEI-LAMBDA

■ Features

(1) Suitable for mounting in the control panel:
Height and depth meets the industry standard.
(2) Easy installation and easy maintenance:
Centralized terminals in front surface.
(3) Applicable to NC Servo noise and AC Servo noise:
High attenuation by 40dB at 150kHz. level.
(4) Enriched lineups: 3 types (30A, 50A, 100, 150A) selectable.
(5) Patent and design registration pending.

■ Safety standard

c UL us (UL1283 applied / approval in process
CSA C22.2 No.8 applied / approval in process
EN133200 EN133200 applied / approval in process

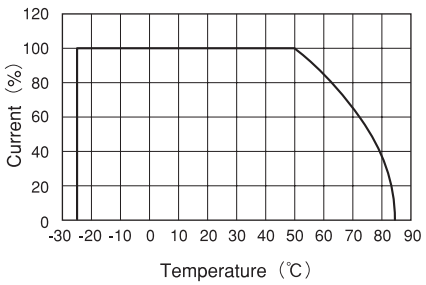
*Completion projected in August,2001

■ Specifications

Item	Model	MX13030	MX13050	MX13100	MX13150
1	Rated voltage	3 Phase AC250V			
2	Rated current	30A	50A	100A	150A
3	Test voltage	Terminal - Case: AC2500V, 1min.			
4	Isolation resistance	Terminal - Case: DC500V, 100Mohm			
5	Leak current	AC250,60Hz : 3.5mA max.		8mA max.	
6	Attenuation	150kHz : 40dB			
7	Operating ambient temperature	–25 ~ +85°(derating required depending on the atmosphere temperature)			
8	Safety standards	Conforms to UL1283, CSA_C22.2No.8, EN133200 (to be applied for)			
9	Dimensions (W x H x D)	70mm×380mm×200mm	85mm×380mm×200mm	130mm×380mm×200mm	165mm×380mm×200mm

●100A type projected as a new lineup

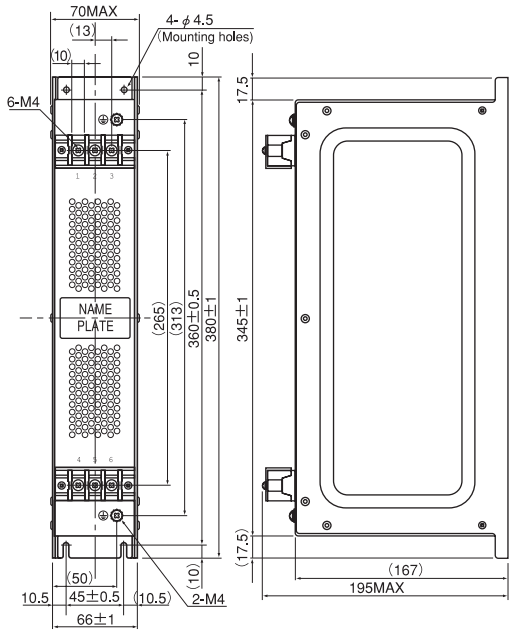
■ Derating



NOTE
*1 Value for Ta ≥ 50ºC
For Ta ≥ 50ºC,derate according to the derating curve shown on the right

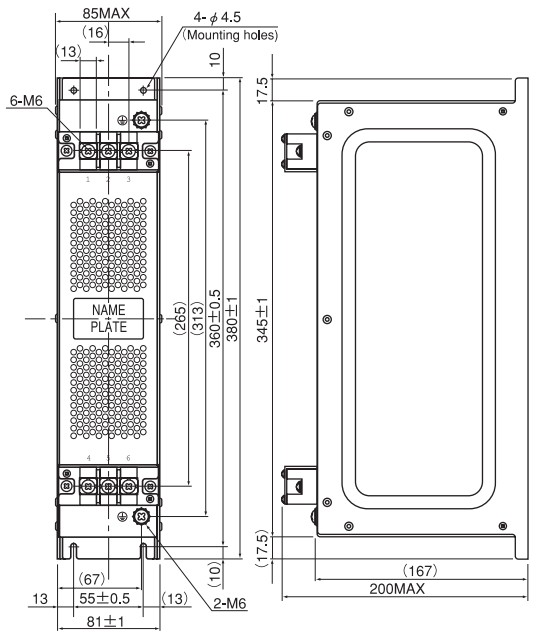
Noise Filter

■ MX13030



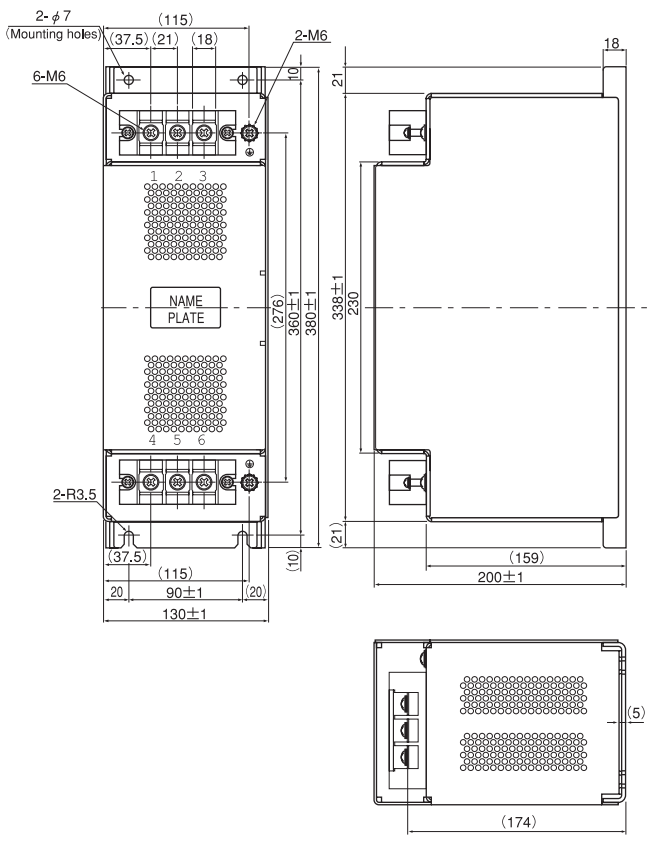
(Unit: mm)

■ MX13050



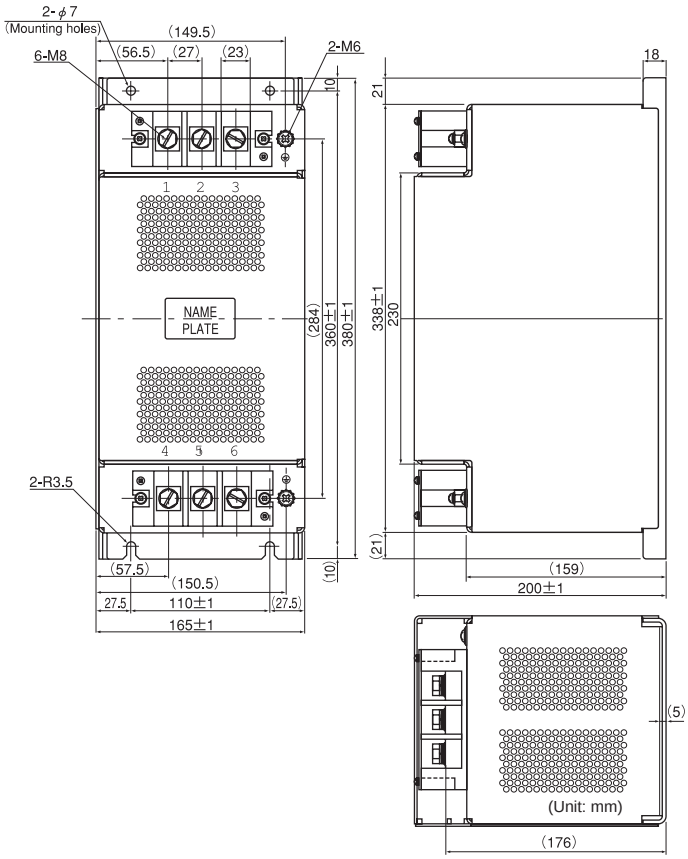
(Unit: mm)

■ MX13100



(Unit: mm)

■ MX13150



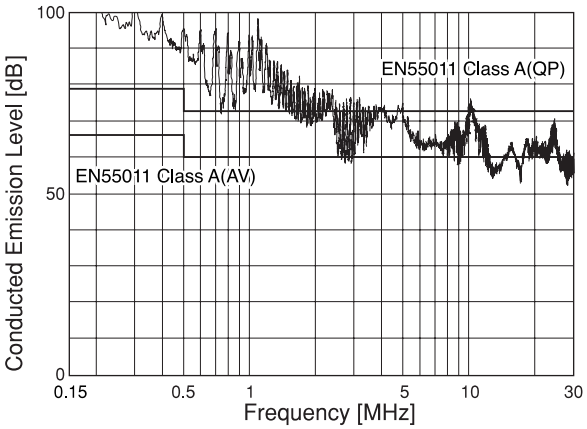
(Unit: mm)

Noise Filter

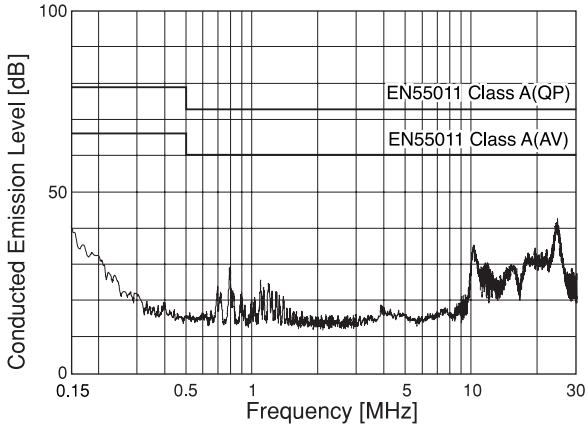
CHARACTERISTICS

■ Conduction Emission ■ Characteristics

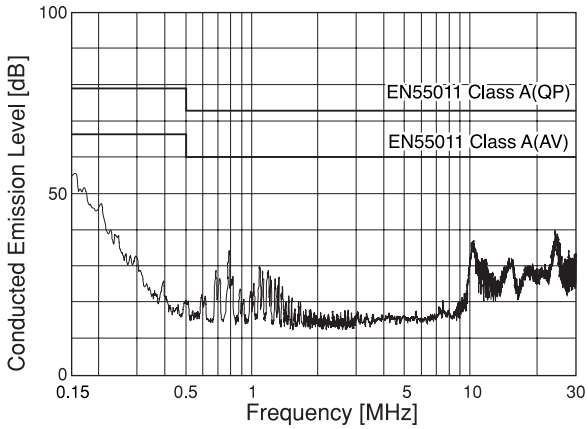
● Machine with Servo Driver



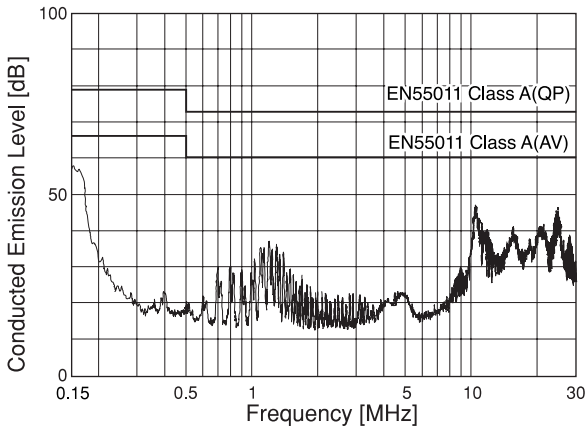
● Machine with Servo Driver + MX13030



● Machine with Servo Driver + MX13050



● Machine with Servo Driver + MX13150

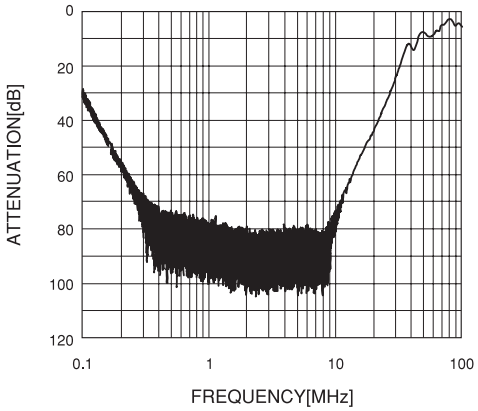


CHARACTERISTICS

■ Attenuation Characteristic (typical)

(1) Asymmetrical

MX13030



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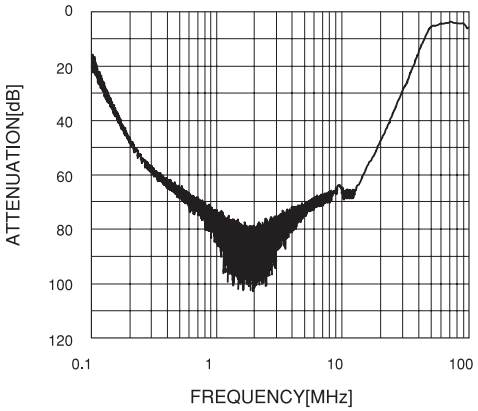

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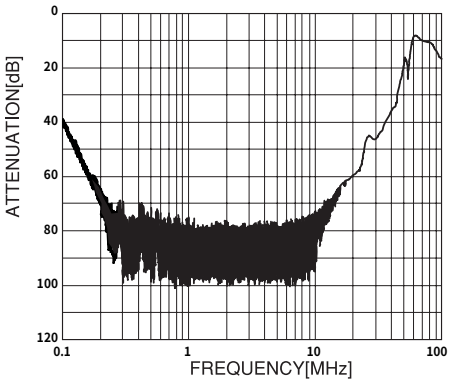

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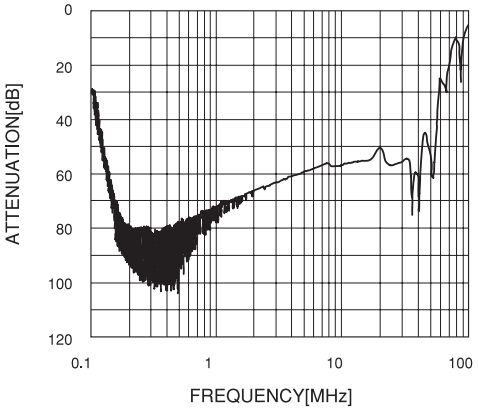
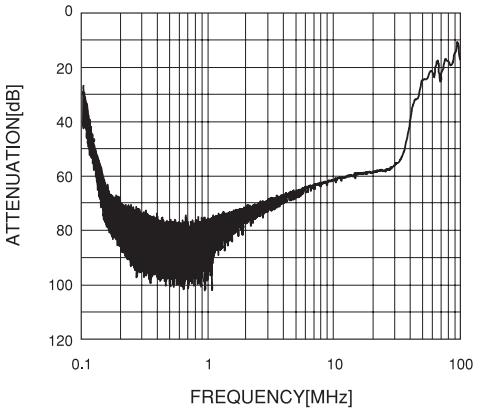


(2) Symmetrical

MX13030



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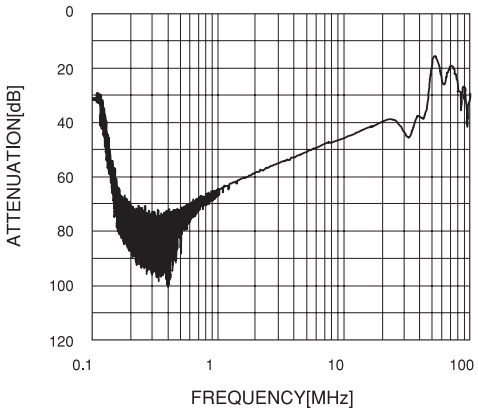

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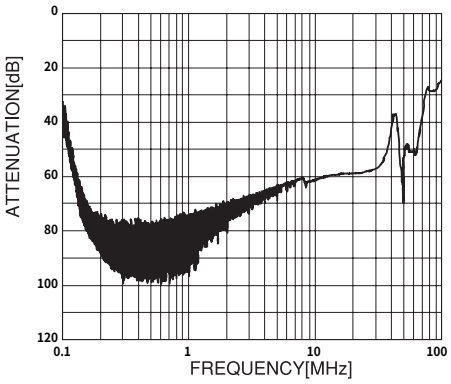
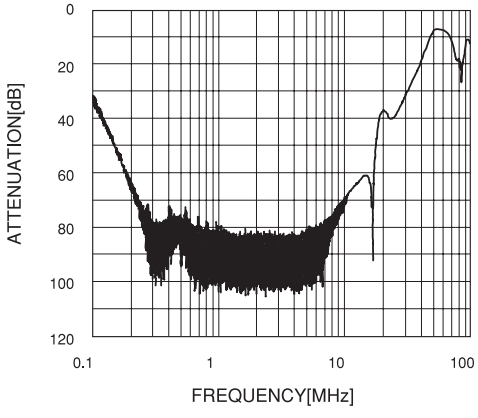
MX13150