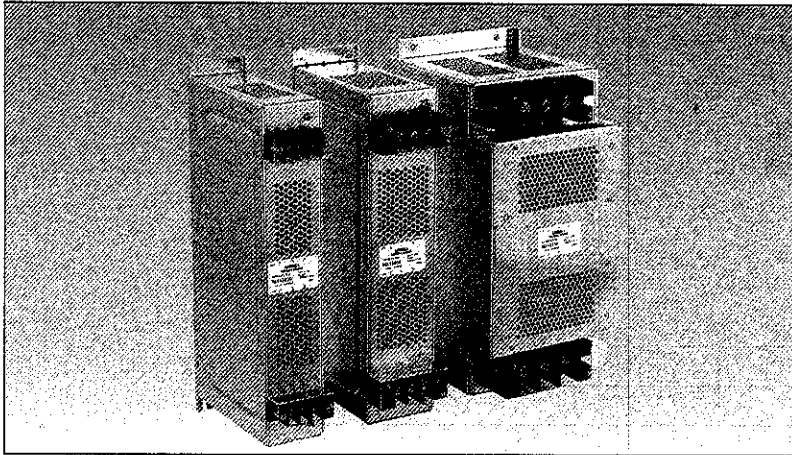


MX13-SERIES

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, 150A)
selectable (100A type projected).
- (5) Patent and design registration pending.

■ Safety standard

UL1283 applied / approval in process
CSA C22.2 No.8 applied / approval in process

EN133200 applied / approval in process

*Completion projected in August,2001

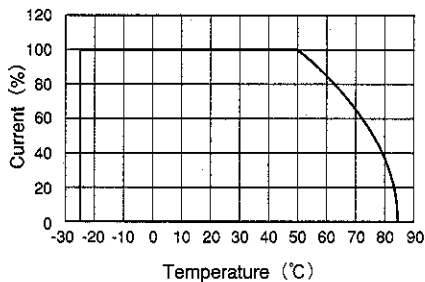
■ Specifications

Item	Model	MX13030	MXB13050	MXB13150
1	Rated voltage	3 Phase AC250V		
2	Rated current	30A	50A	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 X 380mm X 200mm	85mm X 380mm X 200mm	165mm X 380mm X 200mm

●100A type projected as a new lineup

Noise Filter

■ Derating



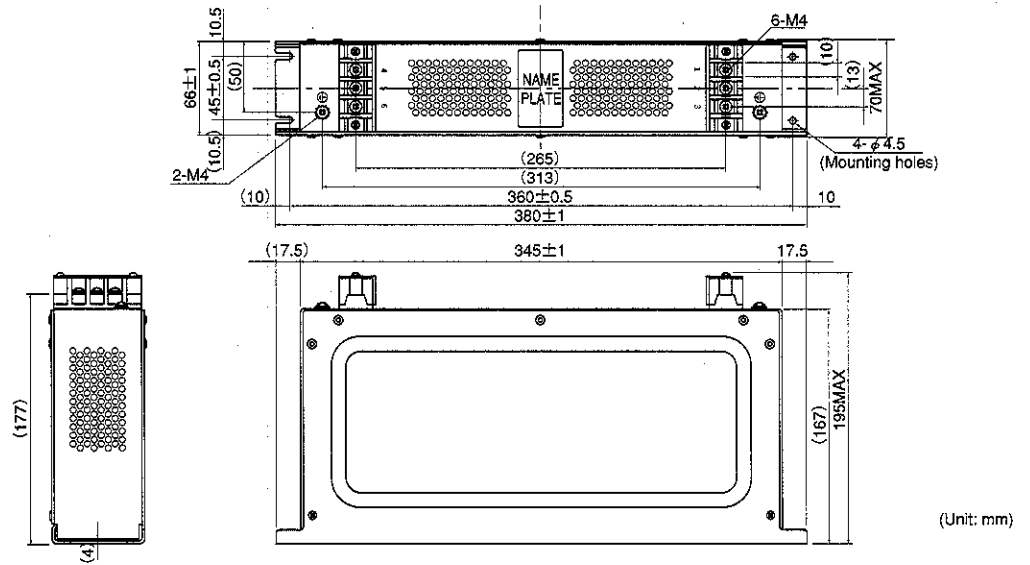
NOTE

*1 Value for Ta ≥ 50°C

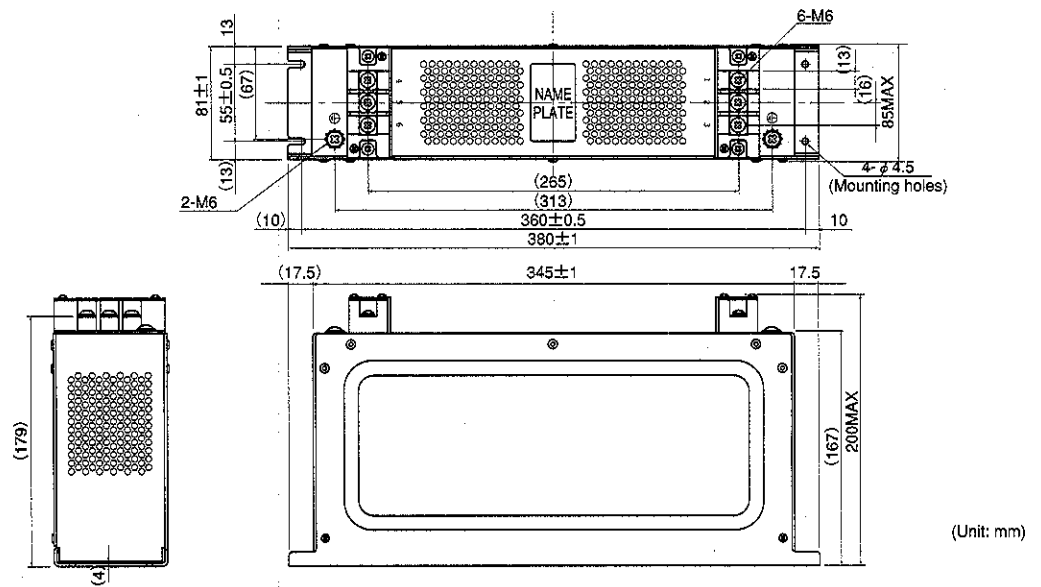
For Ta ≥ 50°C, derate according to the derating curve shown on the right

MX-13-SERIES

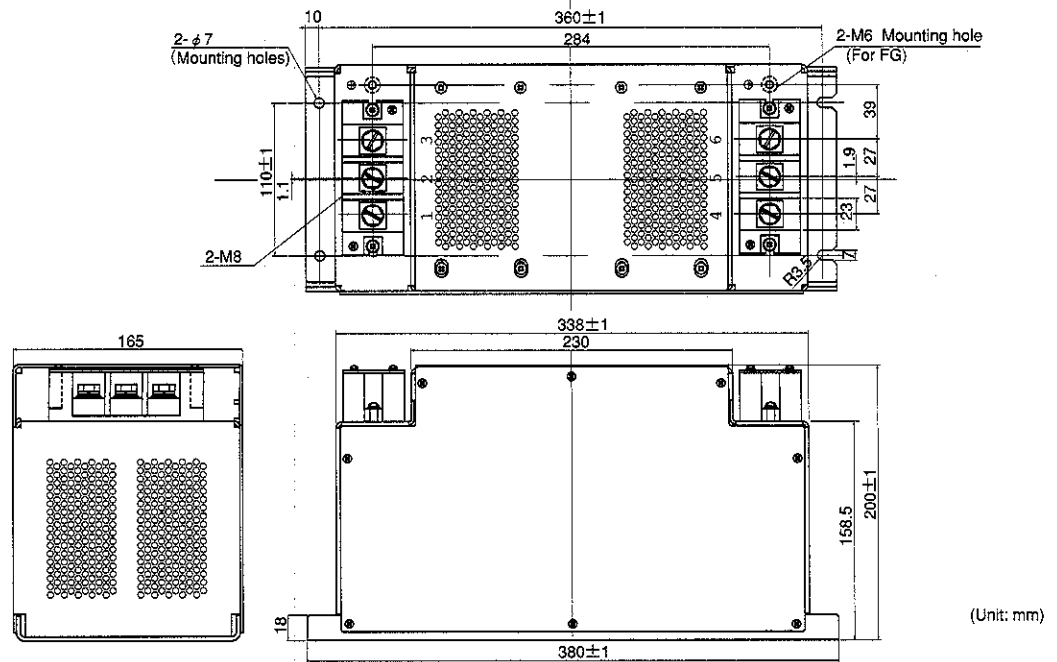
■ MX13030



■ MX13050



■ MX13150



Noise Filter

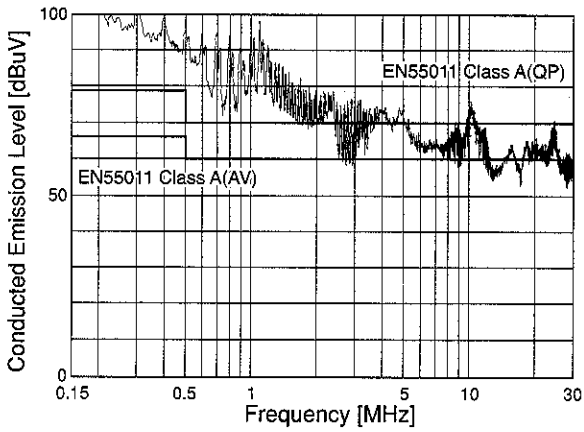
MX-13-SERIES

CHARACTERISTICS

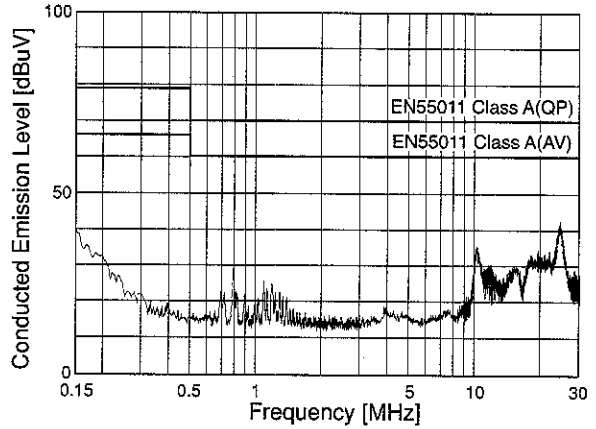
■ Conduction Emission ■ Characteristics

Noise Filter

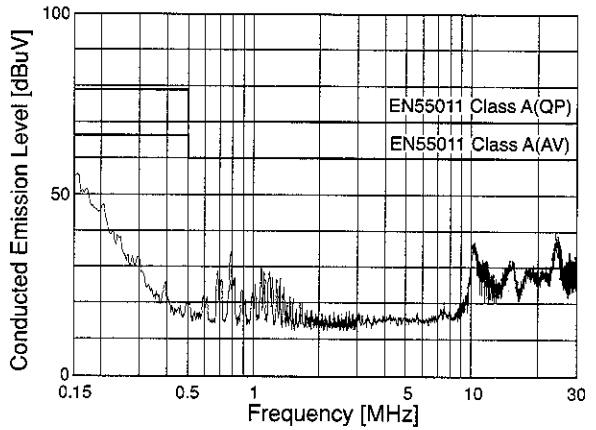
● Machine with Sarvo Driver



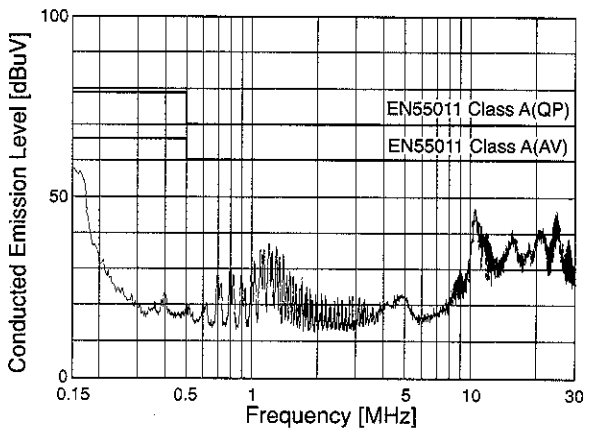
● Machine with Sarvo Driver + MX13030



● Machine with Sarvo Driver + MX13050



● Machine with Sarvo Driver + MX13150

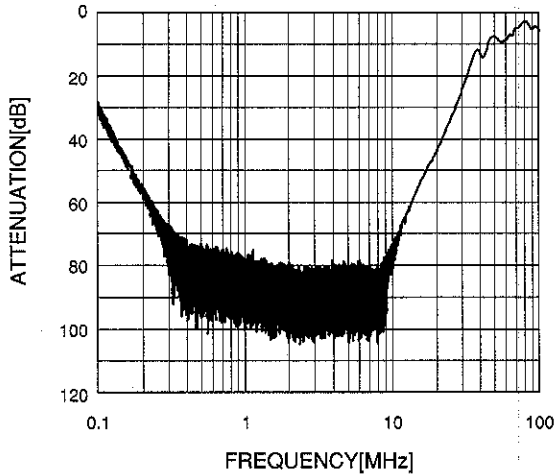


CHARACTERISTICS

■ Attenuation Characteristic (typical)

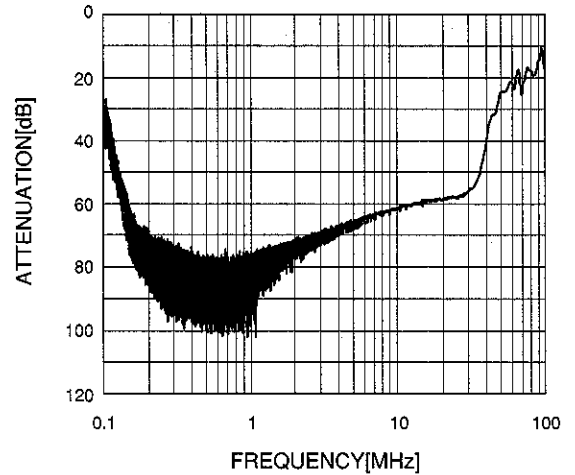
(1) Asymmetrical

MX13030

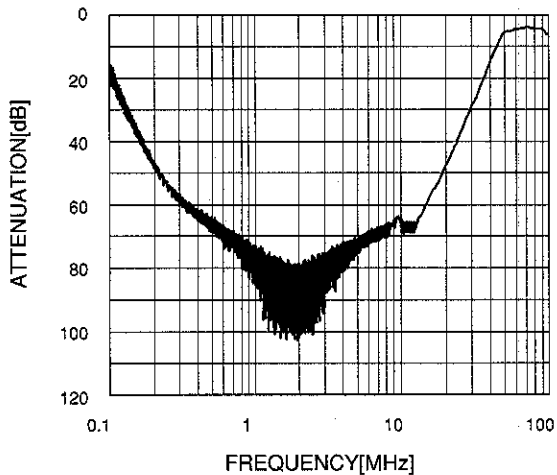


(2) Symmetrical

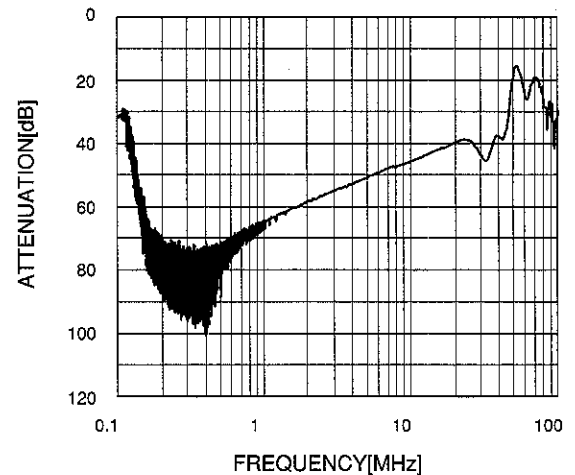
MX13030



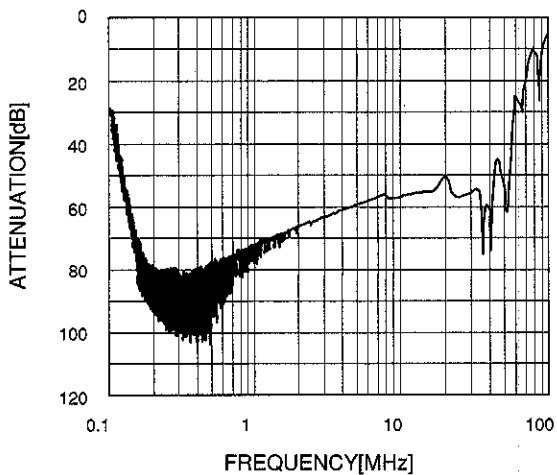
MX13050



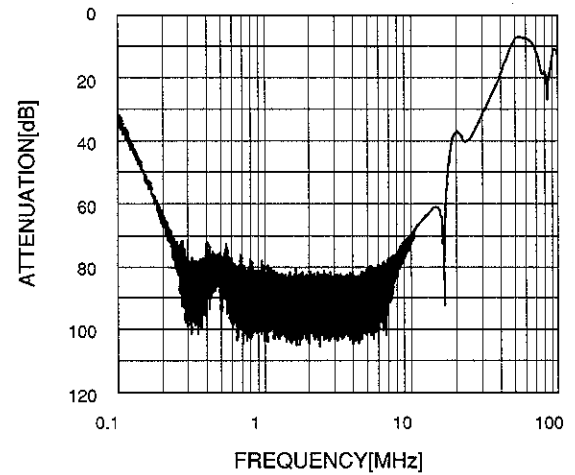
MX13050



MX13150



MX13150



Noise Filter