



### ■ Features

- For Inverter output
- High performance
- Multi stage
- Small size
- Low cost
- Dual PE system

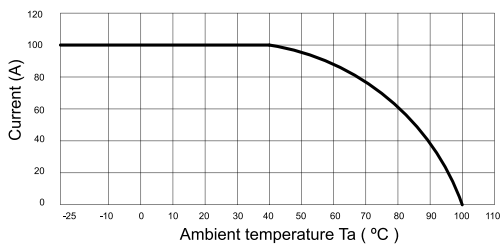
### ■ Typical Applications

- AVR, UPS, Inverter, Converter
- Motor drive equipments
- Factory automation equipment
- Three-phase electricity supply
- ACB Panel, distribution Pane

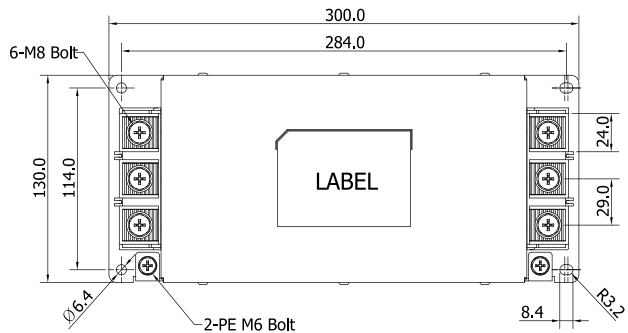
### ■ Technical specifications

Items	BIR-5080-MS	BIR-5100-MS	BIR-5120-MS	BIR-5150-MS
Rated Voltage (V <sub>R</sub> )	3Ø, 500Vac			
Operating frequency	50 / 60Hz			
Rated Currents @40°C (I <sub>R</sub> )	80A	100A	120A	150A
Withstanding voltage test	Line to Earth : 2,828Vdc for 1min, or 3,650Vdc for 2sec. ( BHSTD-QUA-Q201 )			
Insulation resistance	500Vdc for 1min, 300MΩ Min. ( BHSTD-QUA-Q202 )			
Voltage drop	1.0V Max. ( BHSTD-QUA-Q204 )			
Temperature range	25/100/21 (-25°C to +100°C), 20~95% RH at Operating & Storage			
Designed according to	IEC/EN 60939 / UL1283 / CSA 22.2 No.8			

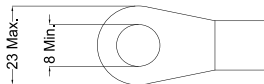
### ■ Derating Curve



### ■ Shape & Dimension (mm)



### ■ Lug ring terminal



### ■ Recommended torque

8.9 ~ 10.8 N · m

