

# YJ SERIES (Single Phase Filters)



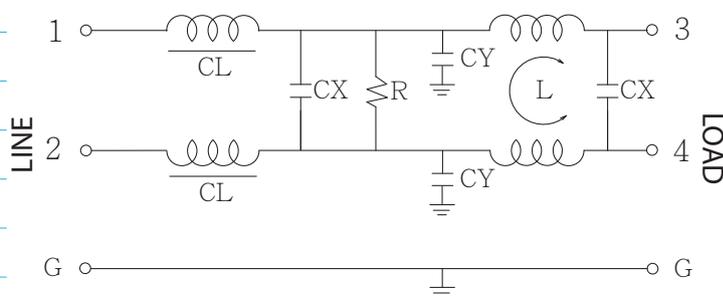
## Features

- Good noise attenuation in both forward and reverse directions for common mode and normal mode.
- High reliability designed for industrial equipment usage with single phase filter.
- The rated current can be offered from 30 to 60 amps in both 250VAC and 500VAC versions.
- M5 Screw Terminals for output is designed for easy installation.
- Applications comprising various industrial applications comprising frequency inverters, motor drives and servo drives

## Technical Specification

Rated voltage	250VAC, 250/500VAC
Rated currents	30 to 60A
Operating frequency	50/60Hz
Hipot rating(Line-to-line)	1450VDC
Hipot rating(Line-to-ground)	2250VDC
Operating temperature	-25~+85°C
Safety compliance	CE

## Typical electrical schematic



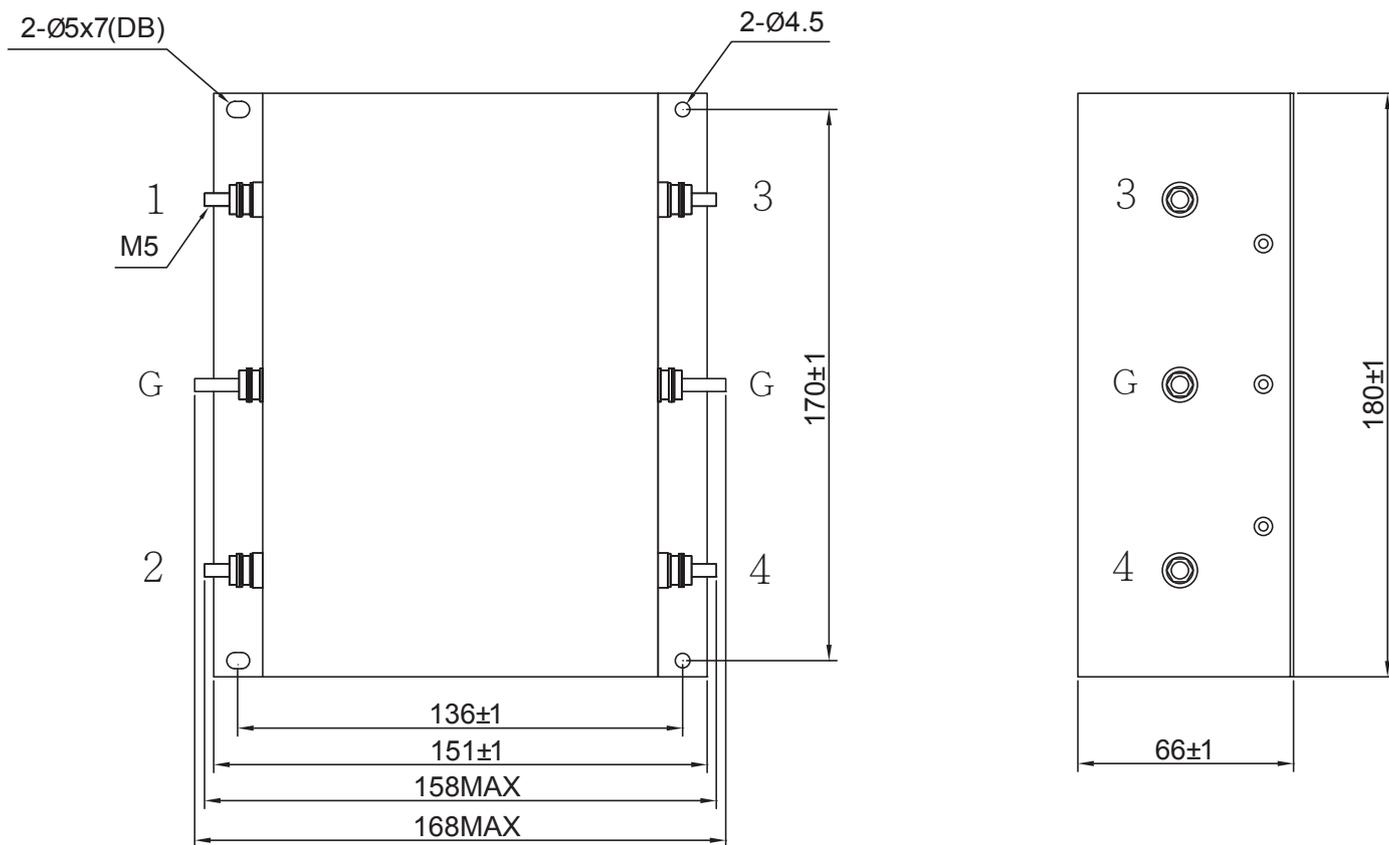
## Filter Selection Table

Part No.	Rated Current (A)	Inductance CL(mH)	Inductance L(mH)	Capacitance CX( $\mu$ F)	Capacitance CY(pF)	Resistance R(ohm)	Output connections
YJ30T7	30						M5 Screw terminals
YJ40T7	40						
YJ50T7	50						
YJ60T7	60						
YJ30T7-1	30						
YJ40T7-1	40						
YJ50T7-1	50						
YJ60T7-1	60						

\*blank:125/250VAC;-1:250/500VAC

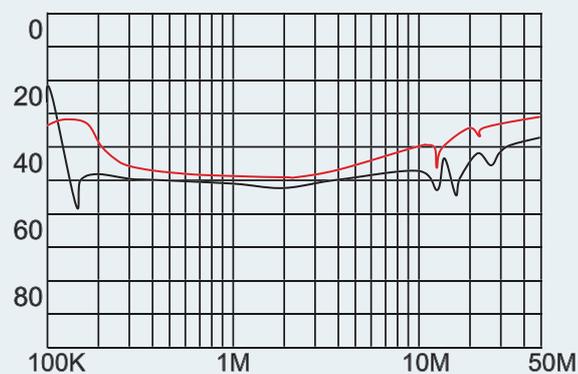
## Physical Dimensions: (mm)

YJ-T7

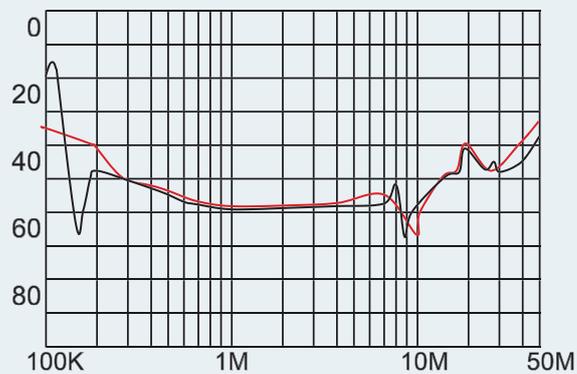


## Typical filter attenuation (Common mode — Normal mode —)

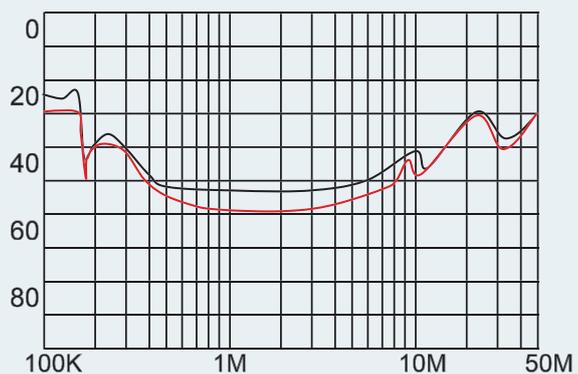
YJ30



YJ40



YJ50



YJ60

