

Selection guide for core to reduce Common Mode Noise

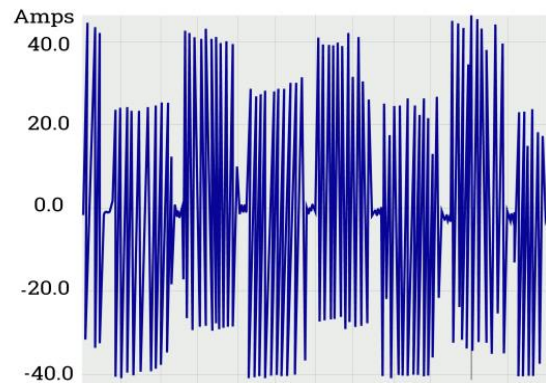


Blueferrite.com

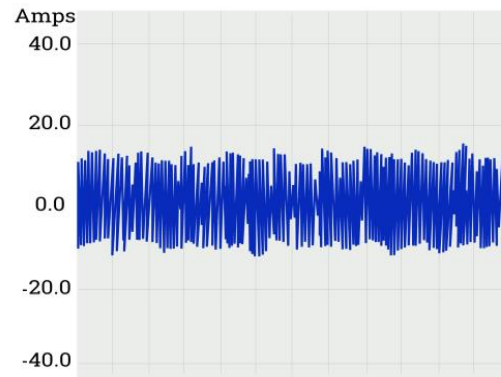
Power Selection Table

Kilowatt -->	<0,7	< 7,5	< 30	< 75	< 315	< 1200	bigger
Suggested core	Partnumber of blueferrite to use						
Oval core -->		D0050O30N01-01	D0050O30N01-01	D0080O30N01-01	D0160O30N01-01	D0236O30N01-01	D0300O30N01-01
Round core -->	D0030R30N01-01	D0050R30N01-01	D0050R30N01-01	D0080R30N01-01	D0160R30N01-01	D0200R30N01-01	
Number of cable windings							
Turns -->	2	2	1	1	1	1	1
Cable length VFD to motor	Number of cores need to achive proper noise reduction						
50m -->	2	2	4	4	4	4	4
100m -->	4	4	4	4	4	4	4
200m -->	4	4	6	6	6	6	6
300m -->	4	4	6	6	6	6	6

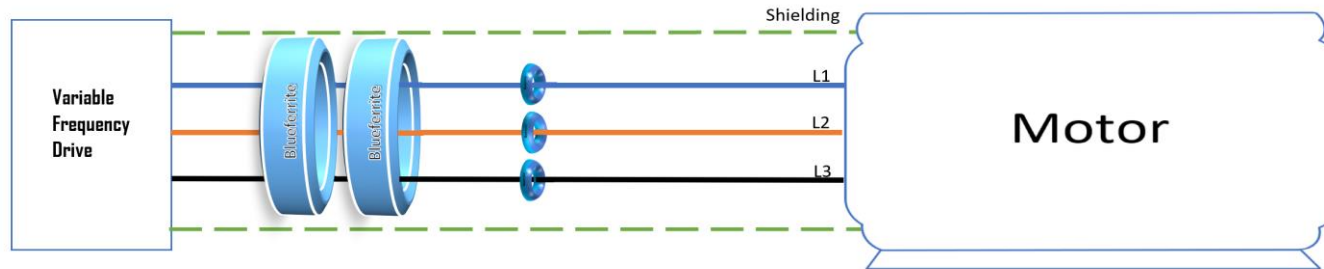
Without Blueferrites



With Blueferrites



info@blueferrite.com



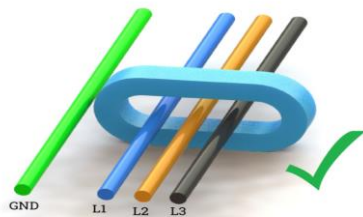
Blueferrites

for common mode noise reduction

Installation of the core:

1 turn installation

NB: Only phases (L1, 2 & 3) run inside the cores



Correct installation

Multiple turn installation

NB: Only phases (L1, 2 & 3) run inside the cores