

■ Input Noise Filters for EMC Directives (3G3RV-PFI□, by Rasmi Electronics)

When conformance to the EMC Directives in the EC Directives is required, always use one of these Filters. The Filter is connected between the Inverter's power supply input terminals (R/L1, S/L2, T/L3) and the power supply.

The Noise Filters can be mounted to the Inverters.

Models and Application

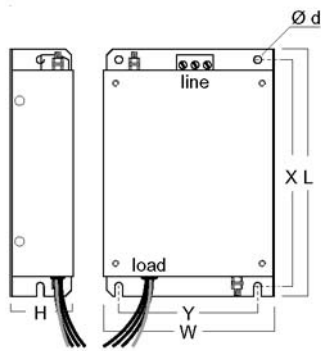
The standard models of Input Noise Filters for EMC Directives are listed in the following table.

Inverter		Input Noise Filter for EMC Directives		
Voltage Class	Max. Applicable Motor Capacity (kW)	Rated Current (A)	Model No.	Dimensions Diagram
3-phase, 200 VAC	0.4	10	3G3RV-PFI3010-E	1
	0.75			
	1.5			
	2.2	18	3G3RV-PFI3018-E	
	3.7	35	3G3RV-PFI2035-E	
	5.5			
	7.5	60	3G3RV-PFI2060-E	
	11			
	15	100	3G3RV-PFI2100-E	
	18.5			
	22	130	3G3RV-PFI2130-E	2
	30			
	37	160	3G3RV-PFI2160-E	
	45	200	3G3RV-PFI2200-E	
	55	Under Development		
75				
90				
110				
3-phase, 400 VAC	0.4	10	3G3RV-PFI3010-E	1
	0.75			
	1.5			
	2.2	18	3G3RV-PFI3018-E	
	3.7			
	4.0			
	5.5	35	3G3RV-PFI3035-E	
	7.5			
	11	60	3G3RV-PFI3060-E	
	15			
	18.5	70	3G3RV-PFI3070-E	2
	22			
	30	100	3G3RV-PFI3100-E	
	37			
	45	130	3G3RV-PFI3130-E	
	55	170	3G3RV-PFI3170-E	
	75	200	3G3RV-PFI3200-E	
90	Under Development			
110				
132				
160				

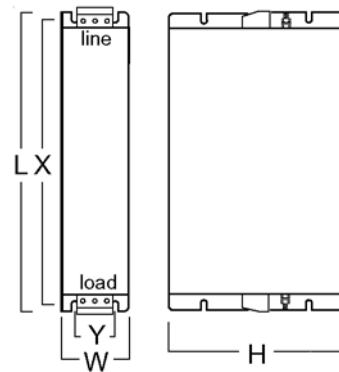
Dimensions

The dimensions of an Input Noise Filter (by Rasmi) for EMC Directives are given below.

Model 3G3IV PFI□	Dimen- sions Diagram	Dimensions (mm)					
		L	W	H	X	Y	d
3G3RV-PFI3010-E	1	330	143	46	313	115	M5
3G3RV-PFI3018-E							
3G3RV-PFI2035-E							
3G3RV-PFI2060-E							
3G3RV-PFI2100-E	2	310	90	180	295	65	M6
3G3RV-PFI2130-E							
3G3RV-PFI2160-E							
3G3RV-PFI2200-E							
3G3RV-PFI2200-E	1	330	143	46	313	115	M5
3G3RV-PFI3010-E							
3G3RV-PFI3018-E							
3G3RV-PFI3035-E							
3G3RV-PFI3060-E	2	355	213	51	336	175	M6
3G3RV-PFI3070-E							
3G3RV-PFI3100-E							
3G3RV-PFI3130-E							
3G3RV-PFI3170-E	2	310	90	180	295	65	M6
3G3RV-PFI3200-E							
3G3RV-PFI3170-E	2	380	120	170	365	102	M6
3G3RV-PFI3200-E							
3G3RV-PFI3200-E	2	518	130	240	498	90	M8
3G3RV-PFI3200-E							



Dimension diagram 1



Dimension diagram 2