

Jarruvastusten yhteensopivuus eri taajuusmuuttajien kanssa (J1000, V1000, A1000, GA700 ja GA500)

Inverter Type		HD				ND				Minimum Resistor		
Model	Braking Unit	Resistor 40% ED	Resistor 10% ED	Braking Torque	Braking Unit	Resistor 40% ED	Resistor 10% ED	Braking Torque				
	CDBR-			%				CDBR-	%			
<b>A1000 400V</b>	CIMR-AC4A0002xAA	Built-in	RH-0100W830	RH-0100W830	178	Built-in	RH-0100W330	RH-0100W330	239	96		
	CIMR-AC4A0004xAA		RH-0100W330	RH-0100W330	239		RH-0260W270	RH-0260W270	146	96		
	CIMR-AC4A0005xAA		RH-0260W270	RH-0260W270	146		RH-0520W120	RH-0520W120	99	64		
	CIMR-AC4A0007xAA		RH-0520W120	RH-0520W120	99				164	64		
	CIMR-AC4A0009xAA				164				133	32		
	CIMR-AC4A0011xAA				133				268	32		
	CIMR-AC4A0018xAA		RH-0780W040	RH-0780W040-10	268		RH-0780W40	RH-0780W040-10	197	32		
	CIMR-AC4A0023xAA				197				RH-1560W040	RH-1560W040-10	134	32
	CIMR-AC4A0031xAA				134						98	20
	CIMR-AC4A0038xAA				179						RH-4800W22	RH-4800W022-10
	CIMR-AC4A0044xAA				138				RH-4800W022	RH-4800W022-10	122	19
	CIMR-AC4A0058xAA				122						89	19
	CIMR-AC4A0072xAA				89						73	19
	CIMR-AC4A0088xAA	4045B	RH-9600W015	RH-9600W015-10	106	4045B	RH-9600W015	RH-9600W015-10	88	13		
	CIMR-AC4A0103xAA				88				72	13		
	CIMR-AC4A0139xAA	2 x 4030B	2 x RH-6000W022	2 x RH-6000W022-10	98	2 x 4030B	2 x RH6000W022	2 x RH-6000W022-10	72	19		
	CIMR-AC4A0165xAA	2 x 4045B	2 x RH9600W015	2 x RH-9600W015-10	105	2 x 4045B	2 x RH9600W015	2 x RH-9600W015-10	88	13		
	CIMR-AC4A0208xAA	2 x 4045B	2 x RH9600W015	2 x RH-9600W015-10	88	4220B			RH-29000W3P8-10	101	13 / 3,2	
	CIMR-AC4A0250xAA	4220B		RH-29000W3P8-10	100				112	3,2		
	CIMR-AC4A0296xAA				112				98	3,2		
CIMR-AC4A0362xAA	92				80				3,2			
CIMR-AC4A0414xAA	86				84				3,2			
CIMR-AC4A0515xAA	67				74				3,2			
CIMR-AC4A0675xAA	2 x 4220B	2 x RH-29000W3P8-10	99	2 x 4220B	2 x RH-38500W3P8-10				84	3,2		

Red colour values indicate low and maybe critical braking torque values

Note: the order code for the resistors consists of the rated power and the resistance value of the resistor:

Example: RH0260W270 260W, 270 Ohms

10% ED : 120 s cycle time (t) and 12 s switch on time (ton)

40% ED : 120 s cycle time (t) and 48 s switch on time (ton)

Attention :

10% ED: 300 s (t) cycle and 30 s switch on time (ton)

In case of question please contact VEM motors Finland

Tel. +358 207 613 740 or sales@vem.fi

Inverter Type		HD				ND			
Model	Braking Unit	Resistor 40% ED	Resistor 10% ED	Braking Torque	Braking Unit	Resistor 40% ED	Resistor 10% ED	Braking Torque	Minimum Resistor
				%				%	
CDBR-						CDBR-			
<b>200V, 1 ph V1000 and J1000</b>	CIMR-VCBA0001BAA	RH-0100W830	RH-0100W830	196	Built-in	RH0100W330	RH0100W330	247	300
	CIMR-VCBA0002BAA	RH-0100W330	RH-0100W330	98		RH0260W270	RH0260W270	123	300
	CIMR-VCBA0003BAA	RH-0260W270	RH-0260W270	151		RH0260W135	RH0260W135	80	200
	CIMR-VCBA0006BAA	RH-0260W135	RH-0260W135	161		RH0260W135	RH0260W135	80	120
	CIMR-VCBA0010BAA	RH-0390W070	RH-0390W070	155		RH0390W070	RH0390W070	106	60
	CIMR-VCBA0012BAA	RH-0390W070	RH-0390W070	106		RH0390W070	RH0390W070	78	60
CIMR-VCBA0018BAA	RH-0780W040	RH-0780W040-10	110	RH780W040	RH-0780W040-10	136	32		
<b>400V V1000 and J1000</b>	CIMR-VC4A0001BAA			317	Built-in			178	750
	CIMR-VC4A0002BAA	RH-0100W830	RH-0100W830	159		RH-0100W830	RH-0100W830	95	750
	CIMR-VC4A0004BAA			85				47	510
	CIMR-VC4A0005BAA	RH-0260W270	RH-0260W270	130		RH-0260W270	RH-0260W270	99	240
	CIMR-VC4A0007BAA			89				73	200
	CIMR-VC4A0009BAA	RH-0520W120	RH-0520W120	146		RH-0520W120	RH-0520W120	133	100
	CIMR-VC4A0011BAA			119				89	100
	CIMR-VC4A0018FAA	RH-0780W040	RH-0780W040-10	239		RH-0780W040	RH-0780W040-10	197	32
	CIMR-VC4A0023FAA	RH-1560W040	RH-1560W040-10	175		RH-1560W040	RH-1560W040-10	134	32
	CIMR-VC4A0031FAA			120				98	20
	CIMR-VC4A0038FAA	RH-4800W022	RH-4800W022-10	159		RH-4800W022	RH-4800W022-10	145	20
<b>200V 3ph V1000 and J1000</b>	CIMR-VC2A0001BAA	RH-0100W830	RH-0100W830	196	Built-in	RH-0100W330	RH-0100W330	247	300
	CIMR-VC2A0002BAA	RH-0100W330	RH-0100W330	247		RH-0260W270	RH-0260W270	123	300
	CIMR-VC2A0004BAA	RH-0260W270	RH-0260W270	151		RH-0260W135	RH-0260W135	80	200
	CIMR-VC2A0006BAA	RH-0260W135	RH-0260W135	161		RH-0260W135	RH-0260W135	110	120
	CIMR-VC2A0008BAA	RH-0260W120	RH-0260W120	123				155	60
	CIMR-VC2A0010BAA			155		RH-0390W70	RH-0390W70	106	60
	CIMR-VC2A0012BAA	RH-0390W070	RH-0390W070	106				78	60
	CIMR-VC2A0018BAA			136				110	32
	CIMR-VC2A0020BAA	RH-0780W040	RH-0780W040-10	110		RH-0780W040	RH-0780W040-10	74	32
	CIMR-VC2A0030FAA			74				121	9,6
	CIMR-VC2A0040FAA			145				99	9,6
	CIMR-VC2A0056FAA	RH9600W015	RH-9600W015-10	99		RH-9600W015	RH-9600W015-10	72	9,6
	CIMR-VC2A0069FAA			72				59	9,6

Red colour values indicate low and maybe critical braking torque values

Note: the order code for the resistors consists of the rated power and the resistance value of the resistor:

Example: RH0260W270 260W, 270 Ohms

10% ED : 120 s cycle time (t) and 12 s switch on time (ton)

40% ED : 120 s cycle time (t) and 48 s switch on time (ton)

In case of question please contact VEM motors Finland

Tel. +358 207 613 740 or sales@vem.fi

Inverter Type		HD			ND			Minimum Resistor	
Model	Braking Unit	Resistor 40% ED	Resistor 10% ED	Braking Unit	Resistor 40% ED	Resistor 10% ED			
		CDBR-			CDBR-				
GA700 400V	GA70C4002BBA	Built-in	RH-0260W270	RH-0260W270	Built-in	RH-0260W270	RH-0260W270	165	
	GA70C4004BBA							165	
	GA70C4005BBA							110	
	GA70C4007BBA							110	
	GA70C4009BBA		RH-0520W120	RH-0520W120		RH-0520W120	RH-0520W120	55	
	GA70C4012BBA							55	
	GA70C4018BBA		RH-0780W040	RH-0780W040-10		RH-0780W040-10	RH-0780W040-10	32	
	GA70C4023BBA							32	
	GA70C4031BBA		RH-1560W040	RH-1560W040-10		RH-1560W040-10	RH-1560W040-10	20	
	GA70C4038BBA		RH-4800W022	RH-4800W022-10		RH-4800W022-10	RH-4800W022-10	20	
	GA70C4044BBA							19,2	
	GA70C4060BBA		RH-6000W022	RH-6000W022-10		RH-6000W022-10	RH-6000W022-10	19,2	
	GA70C4075BBA							19,2	
	GA70C4089BBA		RH-9600W015	RH-9600W015-10		RH-9600W015-10	RH-9600W015-10	10,6	
	GA70C4103BBA	8,7							
	GA70C4140BBA	2 x RH-6000W022	2 x RH-6000W022-10	2 x RH-6000W022-10	2 x RH-6000W022-10	7,2			
	GA70C4168BBA	2 x RH-9600W015	2 x RH-9600W015-10	2 x RH-9600W015-10	2 x RH-9600W015-10	5,2			
	GA70C4208BBA	2 x 4045D	2 x RH-9600W015	2 x RH-9600W015-10	2 x 4045D	2 x RH-9600W015	2 x RH-9600W015-10	13	
	GA70C4250BBA	4220D				4220D		RH-29000W3P8-10	3,2
	GA70C4296BBA								
GA70C4371BAA									
GA70C4414BAA									
GA70C4453BAA									
GA70C4569BAA									
GA70C4675BAA									
GA70C4726BAA									
GA70C4810BAA									
GA70C4930BAA									
GA70C4H12BAA	not assigned yet								

Note: the order code for the resistors consists of the rated power and the resistance value of the resistor:  
 Example: RH0260W270 260W, 270 Ohms

Inverter Type		HD			ND			Minimum Resistor
Model	Braking Unit	Resistor 40% ED	Resistor 10% ED	Braking Unit	Resistor 40% ED	Resistor 10% ED		
	CDBR-						CDBR-	
<b>GA500</b> <b>3~400V</b>	GA50C4001EBA		RH-0100W830	RH-0100W830		RH-0100W830	RH-0100W830	750
	GA50C4002EBA		RH-0100W830	RH-0100W830		RH-0100W830	RH-0100W830	750
	GA50C4004EBA		RH-0100W830	RH-0100W830		RH-0100W830	RH-0100W830	510
	GA50C4005EBA		RH-0260W270	RH-0260W270		RH-0260W270	RH-0260W270	240
	GA50C4007EBA		RH-0260W270	RH-0260W270		RH-0260W270	RH-0260W270	200
	GA50C4009EBA		RH-0520W120	RH-0520W120		RH-0520W120	RH-0520W120	100
	GA50C4012EBA		RH-0520W120	RH-0520W120		RH-0520W120	RH-0520W120	100
	GA50C4018EBA		RH-0780W040	RH-0780W040-10		RH-0780W040	RH-0780W040-10	32
	GA50C4023EBA		RH-1560W040	RH-1560W040-10		RH-1560W040	RH-1560W040-10	32
	GA50C4031EBA		RH-1560W040	RH-1560W040-10		RH-1560W040	RH-1560W040-10	20
	GA50C4038EBA		RH-4800W022	RH-4800W022-10		RH-4800W022	RH-4800W022-10	20
	GA50C4044EBA		RH-6000W022	RH-6000W022-10		RH-6000W022	RH-6000W022-10	19,2
	GA50C4060EBA		RH-6000W022	RH-6000W022-10		RH-6000W022	RH-6000W022-10	19,2
<b>GA500 1~</b> <b>230V</b>	GA50CB001EBA		RH-0100W830	RH-0100W830		RH-0100W330	RH-0100W330	300
	GA50CB002EBA		RH-0100W330	RH-0100W330		RH-0100W330	RH-0100W330	300
	GA50CB004EBA		RH-0260W270	RH-0260W270		RH-0260W270	RH-0260W270	200
	GA50CB006EBA		RH-0260W135	RH-0260W135		RH-0260W135	RH-0260W135	120
	GA50CB010EBA		RH-0390W070	RH-0390W070		RH-0390W070	RH-0390W070	60
	GA50CB012EBA		RH-0390W070	RH-0390W070		RH-0390W070	RH-0390W070	60

10% ED : 120 s cycle time (t) and 12 s switch on time (ton)

40% ED : 120 s cycle time (t) and 48 s switch on time (ton)

Attention :

10% ED: 300 s (t) cycle and 30 s switch on time (ton)

In case of question please contact VEM motors Finland.

Tel. +358 207 613 740, sales@vem.fi