

BLUETECH AMD200 Large Format Units Air Cooled Motor Modules



Technical Data	
Line voltage	400-480VAC, 3P
DC Link Voltage	540-680VDC

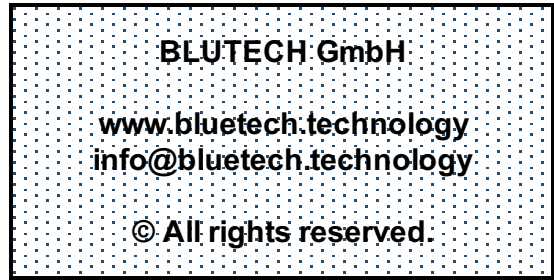
	AMD200-	IGMC-120	IGMC-1203-3000
Type Rating			
For 50Hz 690V (nominal)	KW	250	315
For 50Hz 690V (heavy duty)	KW	200	250
For 50Hz 500V (nominal)	KW	160	200
For 50Hz 500V (heavy duty)	KW	132	160
Output Current			
Rated current	Amp.	480	604
Heavy Duty load current	Amp.	410	510
Maximum current	Amp.	710	875
DC Link Current			
Rated DC Current	Amp.	510-600	540-630
Electronic Units Current Demand			
24VDC Aux.power supply	Amp.	1,7	1,7
400VAC	Amp.	4,2	4,2
480VAC	Amp.	3,1	3,1
DC link capacitance			
	.uF	9.040	10.500
Pulse Frequency			
Rated frequency	KHz	1,25	1,25
Max. Frequency	KHz	4.0	4.0
Power loss max.			
A1 50Hz 690V	KW	7,2	7,6
A1 60Hz 575V	KW	7,3	7,7
Cooling air requirement			
	m3/s	0.81	0.82
Sound pressure level LpA			
	dB	62/71	62/71
DC Link connection			
DCN		2*M10 Hol	2*M10 Hole
		Busbar	Busbar
Motor connection			
U-V-W		3*M12	3*M12
Max.cable cross sect.	mm2	6*240	6*240
Cable length max.			
Shielded	mt	200	200
Unshielded	mt	350	350
Degree of protection			
		IP00	IP00
Weight approx.			
	Kg	300	300
Dimensions			
Width	mm	350	350
Height	mm	1550	1550
Depth	mm	550	550

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BLUETECH AMD400 Large Format Units Air Cooled Line Modules

Technical Data

Line voltage	500-690VAC, 3P
DC Link Voltage	675-1070VDC



	AMD400-	TSBT-1705-4000	TSBT-1707-5000
Type Rating			
For 50Hz 400V (nominal)	KW	560	800
For 50Hz 400V (heavy duty)	KW	450	630
For 50Hz 400V (nominal)	KW	400	560
For 50Hz 400V (heavy duty)	KW	200	500

Input Current

Rated current	Amp.	980	1210
Maximum current	Amp.	1490	1750
DC Link Current			

Rated DC Current	Amp.	1100-1700	1400-2100
Electronic Units Current Demand			

24VDC Aux.power supply	Amp.	1,7	1,7
500VAC	Amp.	4,2	4,2
690VAC	Amp.	3,1	3,1
DC link capacitance	.uF	9050,0	11200,0

Power loss max.

A1 50Hz 690V	KW	5,1	5,4
A1 60Hz 575V	KW	5	5,3
Cooling air requirement	m3/s	0,61	0,62

Sound pressure level LpA	dB	62/71	62/71
DC Link connection		4*M10	4*M10
DCN		Busbar	Busbar

Line connection		3*M12	3*M12
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U-V-W

Max.cable cross sect.	mm2	4*240	4*240
Degree of protection		IP00	IP00

Weight approx.	Kg	280	280
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Dimensions

Width	mm	320	320
Height	mm	1550	1550
Depth	mm	550	550