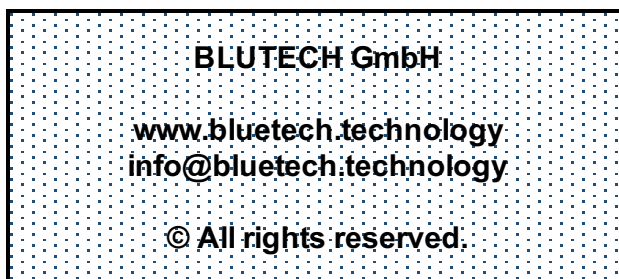


# BLUETECH

## BLUETECH AMD400 Large Format Units Air Cooled Motor Modules

### Technical Data

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



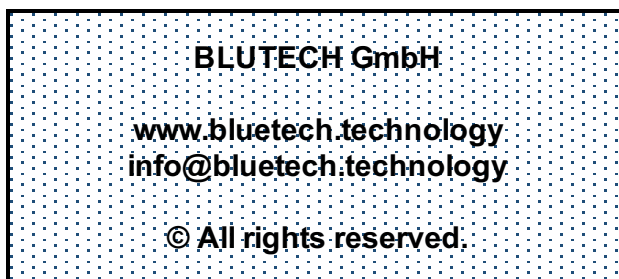
	AMD200-	IGMC-1702-6000	IGMC-1703-3000
<b>Type Rating</b>			
For 50Hz 690V (nominal)	KW	250	315
For 50Hz 690V (heavy duty)	KW	200	250
For 50Hz 500V (nominal)	KW	160	200
For 50Hz 500V (heavy duty)	KW	132	160
<b>Output Current</b>			
Rated current	Amp.	260	330
Heavy Duty load current	Amp.	190	280
Maximum current	Amp.	350	620
<b>DC Link Current</b>			
Rated DC Current	Amp.	240-280	300-340
<b>Electronic Units Current Demand</b>			
24VDC Aux.power supply	Amp.	1,7	1,7
500VAC	Amp.	4,2	4,2
690VAC	Amp.	3,1	3,1
<b>DC link capacitance</b>	.uF	8.040	9.100
<b>Pulse Frequency</b>			
Rated frequency	KHz	1,25	1,25
Max. Frequency	KHz	4.0	4.0
<b>Power loss max.</b>			
A1 50Hz 690V	KW	3,3	3,7
A1 60Hz 575V	KW	3,1	3,5
<b>Cooling air requirement</b>	m3/s	0.4	0.4
<b>Sound pressure level LpA</b>	dB	62/71	62/71
<b>DC Link connection</b>		2*M10 Hole	2*M10 Hole
DCN		Busbar	Busbar
<b>Motor connection</b>		3*M12	3*M12
U-V-W			
Max.cable cross sect.	mm2	6*240	6*240
<b>Cable length max.</b>			
Shielded	mt	200	200
Unshielded	mt	350	350
<b>Degree of protection</b>		IP00	IP00
<b>Weight approx.</b>	Kg	300	300
<b>Dimensions</b>			
Width	mm	350	350
Height	mm	1550	1550
Depth	mm	550	550

# BLUETECH

## BLUETECH AMD400 Large Format Units Air Cooled Motor Modules

### Technical Data

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



	AMD400-	IGMC-1704-1000	IGMC-1704-6500	IGMC-1705-7500	IGMC-1707-3500
<b>Type Rating</b>					
For 50Hz 690V (nominal)	KW	<b>400</b>	450	560	<b>710</b>
For 50Hz 690V (heavy duty)	KW	315	400	500	630
For 50Hz 500V (nominal)	KW	250	315	400	560
For 50Hz 500V (heavy duty)	KW	200	250	315	500
<b>Output Current</b>					
Rated current	Amp.	410	470	575	735
Heavy Duty load current	Amp.	350	390	430	600
Maximum current	Amp.	560	600	820	980
<b>DC Link Current</b>					
Rated DC Current	Amp.	380-420	425-480	510-590	650-760
<b>Electronic Units Current Demand</b>					
24VDC Aux.power supply	Amp.	1,7	1,7	1,7	1,7
500VAC	Amp.	4,2	4,2	4,2	4,2
690VAC	Amp.	3,1	3,1	3,1	3,1
<b>DC link capacitance</b>					
	.uF	11.200	11.200	11.200	13.020
<b>Pulse Frequency</b>					
Rated frequency	KHz	1,25	1,25	1,25	1,25
Max. Frequency	KHz	4.0	4.0	4.0	4.0
<b>Power loss max.</b>					
A1 50Hz 690V	KW	5,5	6,1	6,3	8,5
A1 60Hz 575V	KW	5,2	5,8	6,05	8,1
<b>Cooling air requirement</b>					
	m3/s	1	1	1	1
<b>Sound pressure level LpA</b>					
	dB	62/71	62/71	62/71	62/71
<b>DC Link connection</b>					
DCN		4*M10 Busbar	4*M10 Busbar	4*M10 Busbar	4*M10 Busbar
<b>Motor connection</b>					
U-V-W		3*M12	3*M12	3*M12	3*M12
Max.cable cross sect.	mm2	6*240	6*240	6*240	6*240
<b>Cable length max.</b>					
Shielded	mt	200	200	200	200
Unshielded	mt	350	350	350	350
<b>Degree of protection</b>					
		IP00	IP00	IP00	IP00
<b>Weight approx.</b>					
	Kg	320	320	320	410
<b>Dimensions</b>					
Width	mm	350	350	350	710
Height	mm	1550	1550	1550	1550
Depth	mm	550	550	550	550

# BLUETECH

## BLUETECH AMD400 Large Format Units Air Cooled Line Modules

### Technical Data

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

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	AMD400-	TSBT-1705-4000	TSBT-1707-5000	TSBT-1710-3500	TSBT-1714-1000
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### Type Rating

For 50Hz 690V (nominal)	KW	560	800	1100	1500
For 50Hz 690V (heavy duty)	KW	450	630	800	1100
For 50Hz 500V (nominal)	KW	400	560	630	800
For 50Hz 500V (heavy duty)	KW	200	500	560	730

### Input Current

Rated current	Amp.	540	750	1035	1410
Maximum current	Amp.	690	1180	1420	1940
DC Link Current					

<b>Rated DC Current</b>	Amp.	510-580	760-830	1050-1140	1420-1550
Electronic Units Current Demand					

<b>24VDC Aux.power supply</b>	Amp.	1,7	1,7	1,7	1,7
500VAC	Amp.	4,2	4,2	4,2	4,2
690VAC	Amp.	3,1	3,1	3,1	3,1
DC link capacitance	.uF	9050,0	11200,0	13080,0	15130,0

### Power loss max.

<b>A1 50Hz 690V</b>	KW	4,5	5,2	5,7	6,9
A1 60Hz 575V	KW	4,2	5	5,3	6,8
Cooling air requirement	m3/s	0,51	0,51	0,62	0,7

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

<b>Line connection</b>		3*M12	3*M12	3*M12	3*M12
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### U-V-W

<b>Max.cable cross sect.</b>	mm2	4*240	4*240	6*240	6*240
Degree of protection		IP00	IP00	IP00	IP00

<b>Weight approx.</b>	Kg	280	280	320	320
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### Dimensions

Width	mm	320	320	350	350
Height	mm	1550	1550	1550	1550
Depth	mm	550	550	550	550