



AG - Serie

6.000 Hrs

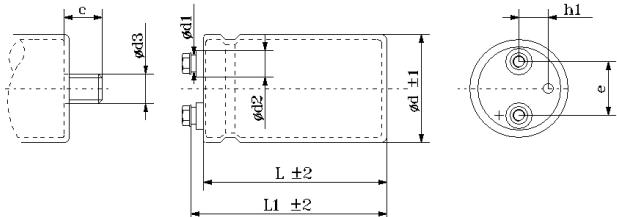
- All welded connection
- High ripple / Heavy duty
- Optimized designed available on request

Capacitor Specification

AG(U)X822M600BB1



Code	DxL	L1	h1	d1	d2	e
BB	51x83	85	13	13	18	22,2
Connecting screw		Mounting screw				
Thread	Torque	Lenght	Thread	Torque	Lenght	
M5	2,0	10	M12	10	16	



All dimensions in mm, Torque in Nm

Electrical Parameters	
Capacitance:	820 µF @ 100Hz
Capacitance tolerance:	M=±20% X=-10% +30% on request
Rated Voltage:	600 Vdc
Surge Voltage:	630 Vdc
ESR _{Max} :	212 mΩ
Tand _{Max} :	15 %
I _{ripple} :	4,10 A@85°C
I _{leakage} :	≤0,004xCxV

Expected lifetime	
6000hrs@	, Rated Voltage, Iripple
100000hrs@50°	, Rated Voltage, Iripple, when
Dcaps≤30%	
DESR≤3XESR _{Max}	
Ileakage≤Ileakage _{Max}	

$$I_{\text{ripple}} = I_{\text{rippleA}} @ 85^\circ \text{CxKtxKf}$$

Iripple determination

Frequency	Kf
50	0,78
100	1,00
120	1,02
200	1,06
300	1,08
400	1,09
500	1,32
>1000	1,37

Temperature	Kt
40	1,80
55	1,65
65	1,45
75	1,25
85	1,00
95	/
105	/

Packaging	Qty/box	Weight/box
BB	30	6-9

All weights in kg

Special Features	
Frequency converters, High ripple current,	
Motor Drives, Welding Machines	
*** Please contact our Technical Service for more information	

Quality and Environmental Integrated System up to EN
ISO 14001:2004 EN ISO 9001: 2008



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