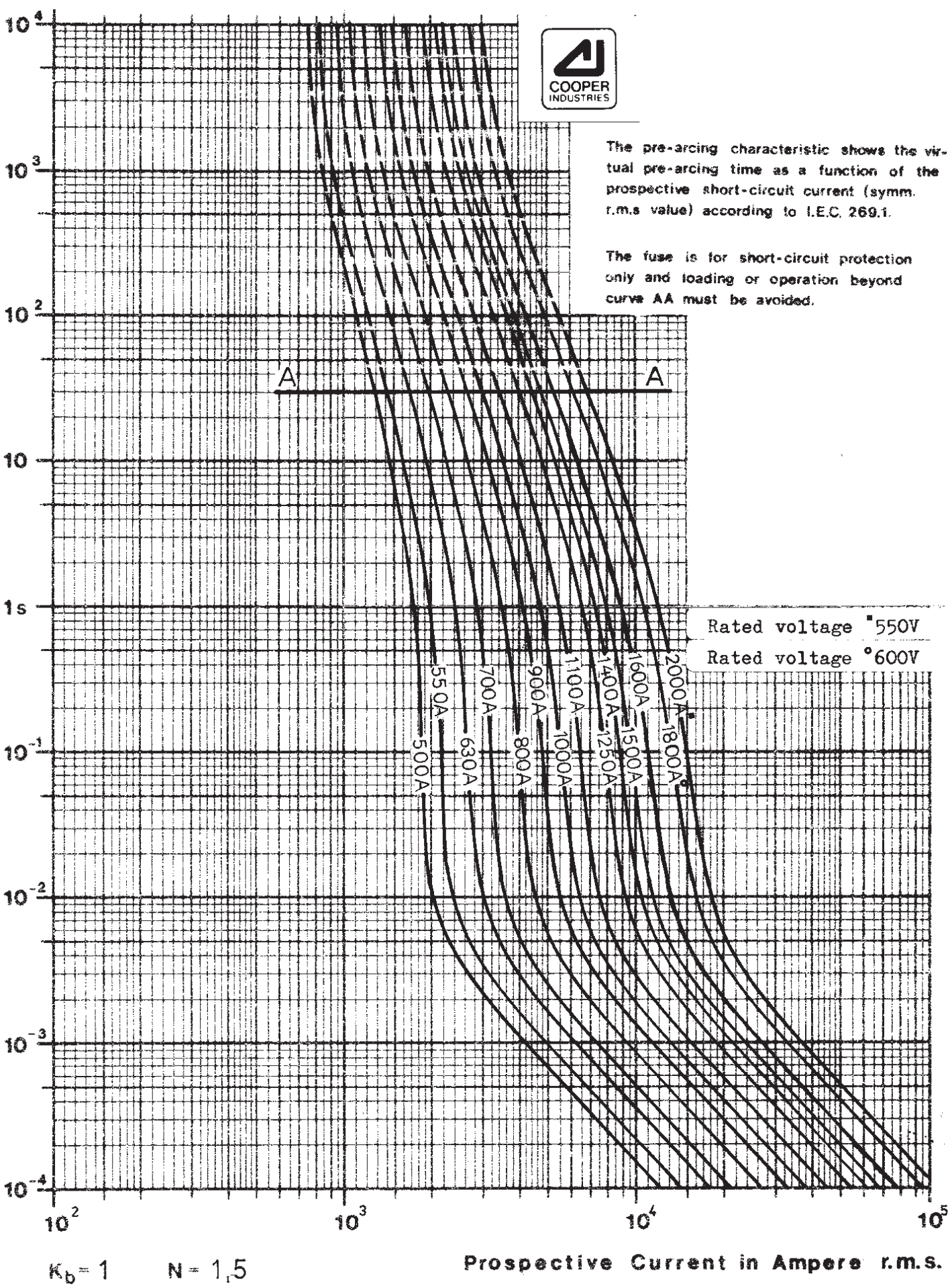




The pre-arcing characteristic shows the virtual pre-arcing time as a function of the prospective short-circuit current (symm. r.m.s value) according to I.E.C. 269.1.

The fuse is for short-circuit protection only and loading or operation beyond curve AA must be avoided.

Virtual Pre-arcing Time



**BUSSMANN DENMARK**

Literbuen 5, DK-2740 Skovlunde, Int tlf (+45) 42 91 99 00, int fax (+45) 42 91 11 51

High Speed Fuse Size **3**      **690V AC**

Type: **TYPOWER ZILOX**

STANDARD RATINGS

Scale:

Drwg. by: *Arthur*

Rev.: UBC 001016

Approved: *[Signature]*

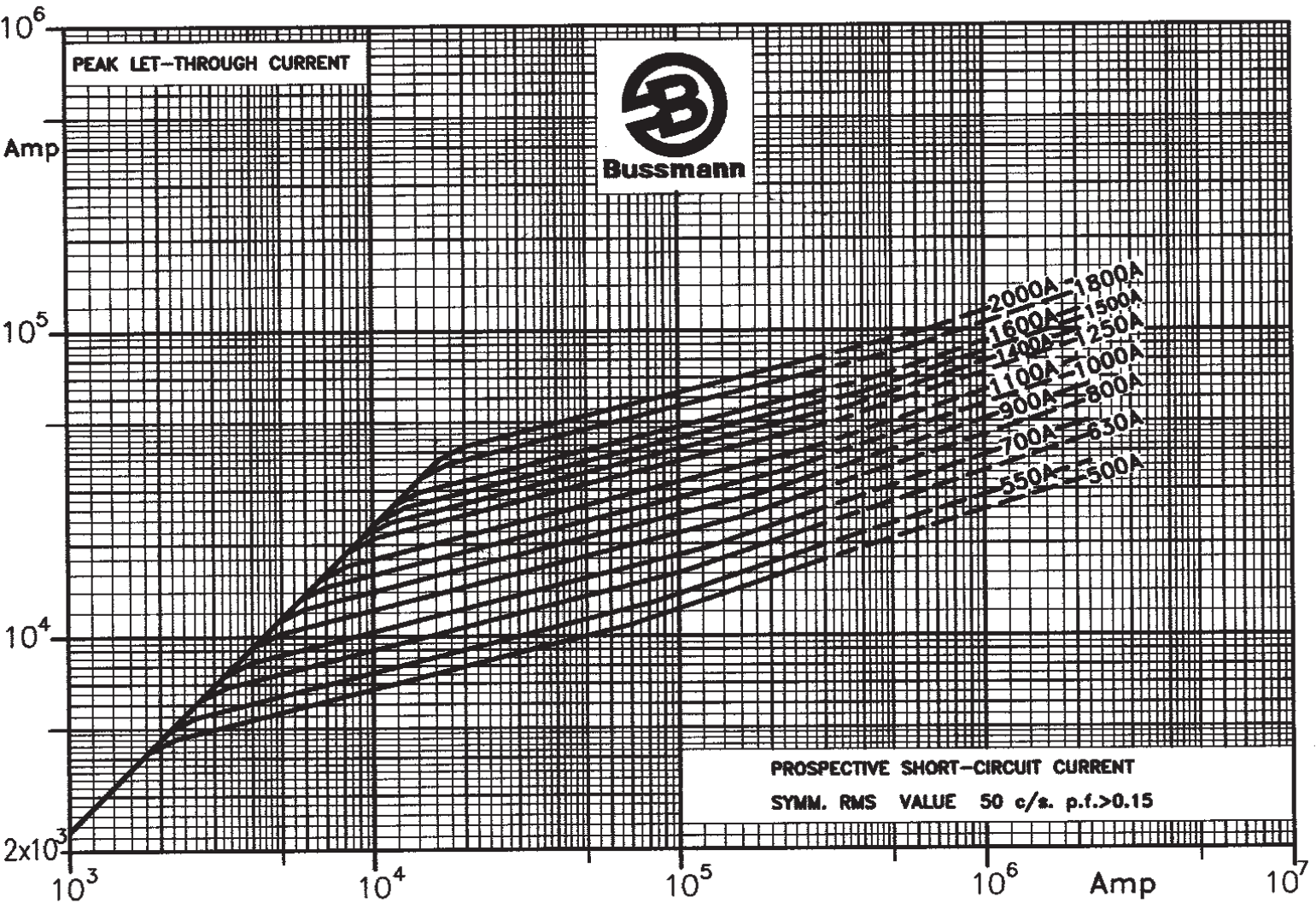
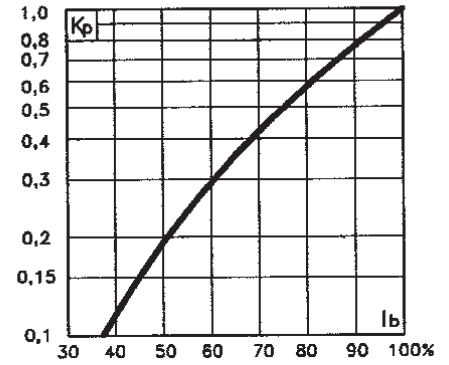
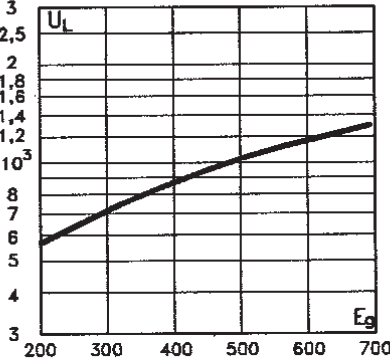
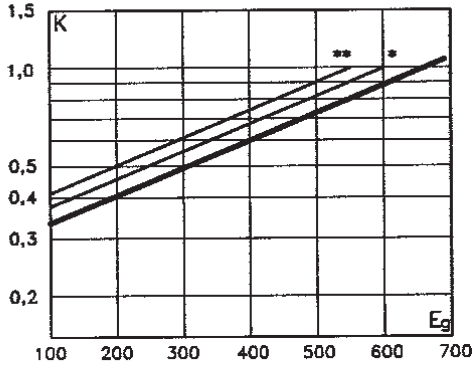
Date: 900404

**170K6320**

Rated Voltage RMS-value V	Rated current RMS-value A	Pre-arcing integral (from cold) A <sup>2</sup> s	Max. operating I <sup>2</sup> t at 660V~ A <sup>2</sup> s	Losses at rated current W
690 <sup>△</sup>	500	14 000	95 000	95
	550	19 500	135 000	100
	630	31 000	210 000	105
	700	44 500	300 000	110
	800	69 500	465 000	115
	900	100 000	670 000	120
	1 000	140 000	945 000	125
	1 100	190 000	1 300 000	130
	1 250	290 000	1 950 000	140
	1 400	370 000	2 450 000	155
	1 500	460 000	3 100 000	160
	1 600	580 000	3 900 000	160
600*	1 800	880 000	5 250 000*	165
550**	2 000	1 150 000	6 350 000**	175

E<sub>g</sub>: RMS value of working voltage in V  
 K: Correction factor for max. operating I<sup>2</sup>t  
 K<sub>p</sub>: Correction factor for watt losses  
 I<sub>b</sub>: RMS value of load current in % of rated current  
 U<sub>L</sub>: Max Arc Voltage in V

△ Breaking Capacity Test Voltage: 726V RMS



PROSPECTIVE SHORT-CIRCUIT CURRENT  
 SYMM. RMS VALUE 50 c/s. p.f.>0.15

**BUSSMANN DENMARK** Literbuen 5, DK-2740 Skovlunde, Int tlf (+45) 44 85 09 20, int fax (+45) 44 85 09 02

High Speed Fuses Size 3 690V AC

Type: TYPOWER ZILOX

STANDARD RATINGS

Scale: - -

Drwg.by: Arthur

Rev.: UBC 000914

Approved: PK

Date: 900403

**170K6321**