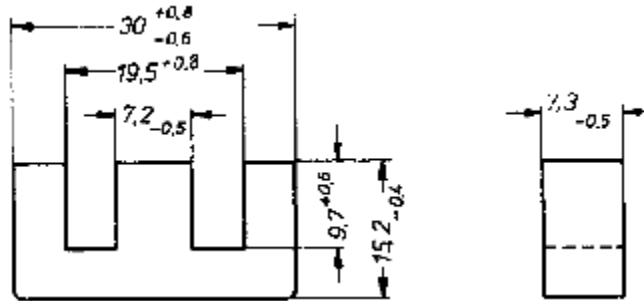




E-KERN E 30/7 (E 30/7,3) E CORE E 30/7 (E 30/7.3)



207

Magnetische Formkenngrößen/Satz **Effective magnetic parameters/set**

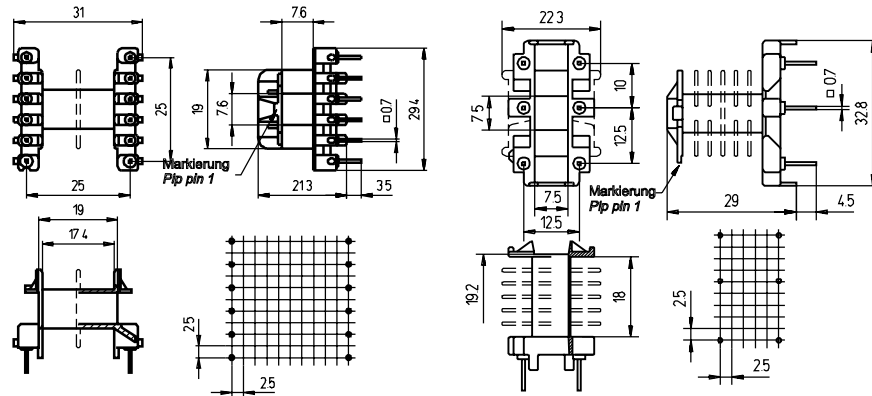
Formfaktor				
Core factor	C_1	=	1.12	mm ⁻¹
Eff. magn. Weglänge				
Eff. magn. path length	l_e	=	67.0	mm
Eff. magn. Querschnitt				
Eff. magn. cross-section	A_e	=	60.0	mm ²
Min. Kernquerschnitt				
Min. core cross-section	A_{min}	=	49.0	mm ²
Eff. magn. Volumen				
Eff. magn. volume	V_e	=	4000	mm ³
Gewicht				
Weight	G	=	21.0	g

A_L -Wert A_L value nH	Toleranz tolerance %	Werkstoff material	Luftspalt air gap mm	Bestellnummer order number
1800	±25	K2004		320 300 700 024
1900	±25	K2006		320 300 700 026
3300	±25	K4000		320 300 700 004
460		K2004	0.10	320 300 710 024
290		K2004	0.20	320 300 720 024
150		K2004	0.50	320 300 750 024

Bei Anwendung in Leistungsübertragern / For application in power transformers
Meßfrequenz / Test frequency $f = 16 \text{ kHz}, 25 \text{ kHz}^{1)}$

Temperatur temperature °C	Induktion induction mT	Feldstärke field strength A/m	Verluste W/Satz / losses W/set K2004	Verluste W/Satz / losses W/set K2006 ¹⁾
25	200		0.48	0.64
100	200		0.40	0.48
100	100	50		
100	330	250		

SPULENKÖRPER E 30/7 (E 30/7,3) COIL FORMER E 30/7 (E 30/7.3)



liegend / horizontal

[mm]

stehend / vertical

[mm]

liegend horizontal	Bezeichnung / Designation		
	SP-E 30 - 1636	SP-E 30 - 1637	SP-E 30 - 1638 ¹⁾
Kammeranzahl Number of sections	1	2	3
A_N in mm ²	83.5	78.2	64.1
I_N in mm	54.7	54.7	54.3/60.7
max. Stifanzahl max. number of pins	12	12	12
Bestell-Nr. Order no.	510 309 710 127	510 309 720 127	510 309 730 127

¹⁾ mittlere Kammer aufgepolstert / centre section with increased wall thickness

stehend vertical	Bezeichnung / Designation		
	SP-E 30 - 1483*	SP-E 30 - 1484*	SP-E 30 - 1417
Kammeranzahl Number of sections	1	2	6
A_N in mm ²	93.6	90.4	76.4
I_N in mm	53.8	53.8	53.8
max. Stifanzahl max. number of pins	6	6	6
Bestell-Nr. Order no.	510 300 710 117	510 300 720 117	510 300 760 117

Standardmaterial / Standard material: Polyamid(e)

* auf Anfrage / on request