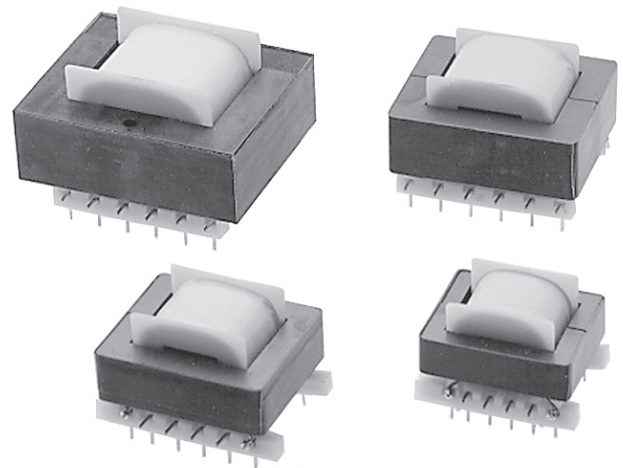


801 series design data

50Hz/60Hz/500Hz transformers

DESIGN CONSTANTS

Product Code	Ae core area (mm ²)	le magnetic path length (mm)	Ve core volume (mm ³)	Wa bobbin winding area (mm ²)	WaAc core area x winding area (mm ⁴)	Bobbin window width (mm)	Bobbin window height (mm)	Mean length per turn (mm)
E 34	84.9	69.6	5907	94.8	8,048	16.5	5.7	73.5
E 41	156.7	77.6	12,165	101.0	15,826	18.1	5.7	85.6
E 47	233.0	89.0	20,700	119.3	27,796	21.1	5.7	99.1
E 56	340.0	107.0	36,400	189.0	64,260	26.2	7.2	117.6



Notes:

1. Final sizing of the transformer will depend on a number of interrelated variables. The data in the above table should be considered a starting point only.