30HP110

CRGO performance data

Query summary

Grade	30HP110
Mill and thickness	thyssenkrupp Electrical Steel · 0.3 mm
Published frequency	50 Hz / 60 Hz
Published flux density range	1.7 T
Distinct flux density levels	1
Properties	Specific core loss · Magnetic polarization

50 Hz performance

Table 01 · Epstein or SST (IS 649) · B or J not reported

Peak flux (T)	Specific core loss Guaranteed maximum · W/kg
1.7	1.10

60 Hz performance

Table 02 · Epstein or SST (IS 649) · B or J not reported

Peak flux (T)	Specific core loss Guaranteed maximum · W/kg
1.7	1.46

Other properties

Frequency not separately reported
Table 03 · Epstein or SST (IS 649)

Field strength (A/m)	Magnetic polarization Guaranteed minimum · T
800	1.88

A dash indicates a value that was not published.

Manufacturer sources and test conditions

Use table and row references to find the original test conditions.

thyssenkrupp Electrical Steel

powercore® grain oriented electrical steel – Product range

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powercore magnetic properties (BIS 3024) · Epstein or SST (IS 649)

Notes on test conditions Mill publishes both frequencies. Measured via Epstein frame or SST under IS 649; path per row not specified. A trailing d indicates laser-scribed; other grades may be laser-scribed if not agreed otherwise. Guaranteed properties require written agreement.

Independent compilation

Compiled by Chenfan Electric from published mill data.
Mill specifications and written order terms govern acceptance. Typical and reference values are for assessment.
Strip data are for engineering reference. Finished-core loss requires separate validation.
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