Middle Frequency Transformer

Type NTNS-AT

tik transformatorji

The AT transformer was developed with two primary goals: achieving exceptionally low stray inductance and maintaining a compact, user-friendly design. The result is a transformer that is both efficient and easy to handle and integrate. While the compact design limits the extent of possible modifications, certain adjustments—such as selecting from several available turn ratios—are still feasible. The transformer is available in several configurations: as a stand-alone unit, with integrated capacitors, or fully assembled in a housing with capacitors, water cooling connections, and—on request—an integrated inductor.

Standard model
Basic information

Dimensions (L x W x H)
160 x 90 x 150 mm

Weight
6,4 kg

Frequency range
100-150 kHz

Maximal power
130 kVA

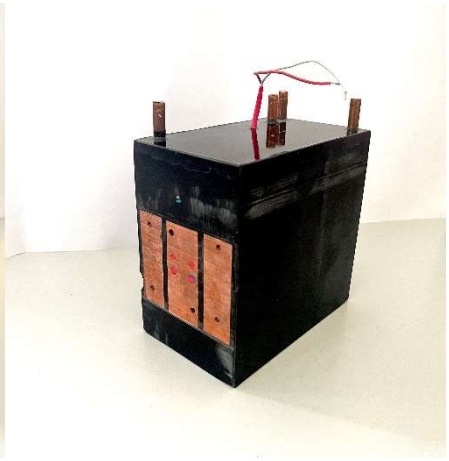
Primary voltage
max 560 V *

Turns ratio
On demand *

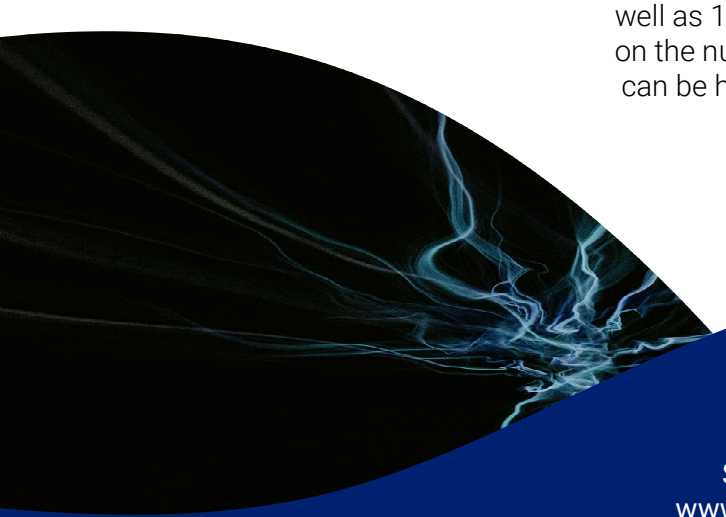
Secondary current
max 11p00 A

Stray inductance
0,2 µH on 5 turns





* The turns ratio is fixed (it cannot be changed on a particular transformer), but several turn ratios are possible: 6:1, 5:1, 4:1, as well as 12:1, 10:1, 8:1 and other ratios upon request. Depending on the number of primary turns, the maximum primary voltage can be higher or lower.



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