

ABB 165 MVA

137.3 / 34.5 kV Transformer Design

DESIGN REFERENCE

ORIGINAL TECHNICAL REFERENCE

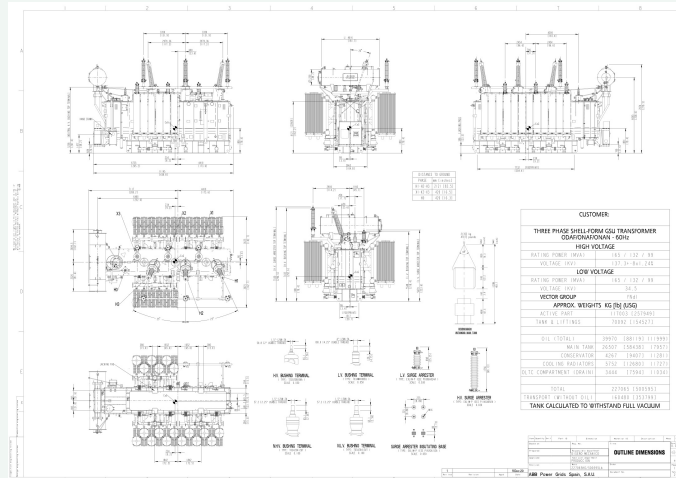


ABB outline drawing · 165 MVA design reference

 HIGH SIDE
137.3 kV

 LOW SIDE
34.5 kV

 FREQUENCY
60 Hz

 CONSTRUCTION
Shell-form

OVERVIEW

ABB shell-form GSU design rated 99/132/165 MVA at 137.3/34.5 kV, with YNd1 windings and three cooling stages. Use this design reference to discuss project requirements and request applicable unit documentation.

Request specifications

Applicable equipment and delivery scope confirmed by quotation.

KEY SPECIFICATIONS

Drawing ratings	99 / 132 / 165 MVA
High side	137.3 kV
Low side	34.5 kV
Phase / frequency	3-phase / 60 Hz
Cooling	ONAN / ONAF / ODAF
Vector group	YNd1
HV regulation	±8 × 1.24%, as printed
Construction	Shell-form GSU design

Design reference only; this outline does not establish unit identity or availability.