



Global Standard



POWER TRANSFORMERS

# DATA SHEET OF TRANSFORMER REQUIREMENTS

GS Type Code		<b>Brazil-GST002/918</b>
Country		<b>Brazil</b>
Country Code		<b>AM - 6814724</b>
TR or ATR		<b>TR</b>
N° of phases		<b>3P</b>
Frecuency (Hz)		<b>60</b>
N. of windings		<b>2</b>
Cnt Symbol		<b>Dyn1</b>
Rated Power Sr (MVA) - for diferent cooling system and more MV		<b>24/32/40</b>
Cooling System		<b>ONAN/ONAF1/ONAF2</b>
Service conditions 60076-1		<b>Normal</b>
Ref. Temp. 60076-2; Table 1,2 (K)		<b>60/65/78</b>
Rated HV Ur (kV) - Primary		<b>138</b>
HV insul. levels (Um-BIL-IND-AC) (kV)		<b>145/550/230-230</b>
HV neutral (inside/outside)		<b>--</b>
HV neutral (Insul. Levels) (kV)		<b>--</b>
HV Volt. Reg. Type (OLTC-DETC-NO)		<b>OLTC</b>
HV Volt. Reg. (n. of steps, value %)		<b>+4 /-12 x 1,25%</b>
MV Rated Voltage Ur (kV)		<b>13,8/11,95</b>
MV insulation (Um-LI-AC)		<b>17,5/95/38/38</b>
MV Neutral (inside-outside)		<b>outside</b>
MV Neutral (insul levels)		<b>Uniform</b>
MV Volt. Reg Type (DETC-intank bars-NO)		<b>Y</b>
MV Volt reg (n°step, value%)		<b>No</b>
MV2 Rated Voltage Ur (kV)		<b>--</b>
MV2 insulation (Um-LI-AC)		<b>--</b>
MV2 Neutral (inside-outside)		<b>--</b>
MV2 Neutral (insul levels)		<b>--</b>
MV2 Volt. Reg Type (DETC-intank bars-NO)		<b>--</b>
MV2 Volt reg (n°step, value%)		<b>--</b>
Tertiary for compensation (description)		<b>No</b>
Zsc HV-MV (% rif Sn)		<b>11% (24 MVA)</b>
Zsc HV-MV2 (% rif Sn)		<b>No</b>
Zsc MV-MV2 (% rif Sn)		<b>No</b>
Load Loss HV-MV (kW)		<b>--</b>
No Load Loss HV-MV (kW)		<b>--</b>
Load Loss MV-MV2 (kW)		<b>--</b>
No Load Loss HV-MV2(kW)		<b>--</b>
HV bushing type		<b>Oil/Air - Type O/A</b>
MV bushing type		<b>Oil/Air - Type O/A</b>
Main Accessory		<b>Local Part</b>
Sismisc requirement		<b>No</b>
MV2 bushing type		<b>No</b>
Nivel de Ruido (dB) A		<b>73/75/77</b>
Painting		<b>P</b>
Color		<b>Ral 7038</b>
Surge Arrest Support		<b>Y</b>
Installation		<b>Outdoor</b>
Current Transformers in Bushings - HV		<b>1600/800/400- 5A (50VA 10P20)</b>
Current Transformers in Bushings - MV - NEUTRAL		<b>2400/1200/600- 5A (50VA 10P20)</b>
Overall Dimensions (mm) ( L x A x H ) Max.		<b>7000x3700x4500</b>

Additional requirement

**Local Part**