



Global Standard



POWER TRANSFORMERS

DATA SHEET OF TRANSFORMER REQUIREMENTS

GS Type Code		Brazil-GST002/920
Country		Brazil
Country Code		AM - 6814726
TR or ATR		TR
N° of phases		3P
Frecuency (Hz)		60
N. of windings		2
Cnt Symbol		Dyn1
Rated Power Sr (MVA) - for diferent cooling system and more MV		38/50/63
Cooling System		ONAN/ONAF1/ONAF2
Service conditions 60076-1		Normal
Ref. Temp. 60076-2; Table 1,2 (K)		60/65/78
Rated HV Ur (kV) - Primary		138
HV insul. levels (Um-BIL-IND-AC) (kV)		145/550/230-230
HV neutral (inside/outside)		--
HV neutral (Insul. Levels) (kV)		--
HV Volt. Reg. Type (OLTC-DETC-NO)		OLTC
HV Volt. Reg. (n. of steps, value %)		+4 /-12 x 1,25%
MV Rated Voltage Ur (kV)		13,8/11,95
MV insulation (Um-LI-AC)		17,5/95/38/38
MV Neutral (inside-outside)		outside
MV Neutral (insul levels)		Uniform
MV Volt. Reg Type (DETC-intank bars-NO)		Y
MV Volt reg (n°step, value%)		No
MV2 Rated Voltage Ur (kV)		--
MV2 insulation (Um-LI-AC)		--
MV2 Neutral (inside-outside)		--
MV2 Neutral (insul levels)		--
MV2 Volt. Reg Type (DETC-intank bars-NO)		--
MV2 Volt reg (n°step, value%)		--
Tertiary for compensation (description)		No
Zsc HV-MV (% rif Sn)		16% (38 MVA)
Zsc HV-MV2 (% rif Sn)		No
Zsc MV-MV2 (% rif Sn)		No
Load Loss HV-MV (kW)		--
No Load Loss HV-MV (kW)		--
Load Loss MV-MV2 (kW)		--
No Load Loss HV-MV2(kW)		--
HV bushing type		Oil/Air - Type O/A
MV bushing type		Oil/Air - Type O/A
Main Accessory		Local Part
Sismisc requirement		No
MV2 bushing type		No
Nivel de Ruido (dB) A		76/78/79
Painting		P
Color		Ral 7038
Surge Arrest Support		Y
Installation		Outdoor
Current Transformers in Bushings - HV		1600/800/400- 5A (50VA 10P20)
Current Transformers in Bushings - MV - NEUTRAL		3600/1800/900 - 5A (50VA 10P20)
Overall Dimensions (mm) (L x A x H) Max.		7700x4700x5300

Additional requirement

Local Part