

TAPE WOUND CURRENT TRANSFORMER - JACO SERIES



JACO

- *Indoor (air or oil immersed)*
- *Primary current from 50 to 50000 A*
- *Inner diameter up to 700 mm*
- *Measurement and protection*

Technical data

Highest voltage for equipment	0.72 kV
Power-frequency withstand voltage	3 kV
Primary current I _{pn}	50 to 50,000 A
Secondary current I _{sn}	5 or 1 A
Frequency	50 or 60 Hz
Rated output	1 to 500 VA
Accuracy class	0.5 - 1 - 3
Security factor	5 to 30
Continuous thermal current	1.2 I _{pn}
Short-time thermal current I _{th}	80 I _{pn} .1s
Dynamic current I _{dyn}	2.5 I _{th}
Insulation class	A
Ambient temperature	-25°C to + 40°C
Standards	IEC - IEEE - CSA - AS - BS - UNE
Dimensions	According to customer requirements (max outer : 1 m)
Outputs	Flying leads 1.5m

Other characteristics on request

Highest voltage for equipment	Up to 2,400 V
Power-frequency withstand voltage	Up to 4 kV
Secondary current I _{sn}	0.005 to 10 A
Frequency	1 to 10,000 Hz
Accuracy class	0.1 - 0.2 - 0.2S - 0.5 - 0.5S - 1 - 3 - 5P 10P - cIPX - cITPY - C200 - C400 - C800
Accuracy limit factor	5 - 10 - 15 - 20 - 30
Multi-ratio	
Multiple cores	
Ambient temperature	Up to +110°C
Outputs	Flying leads colours and length according to customers specifications

Used for the measure of AC currents from 50 to 50,000A Air mounted (impregnated) or oil immersed in power transformers.

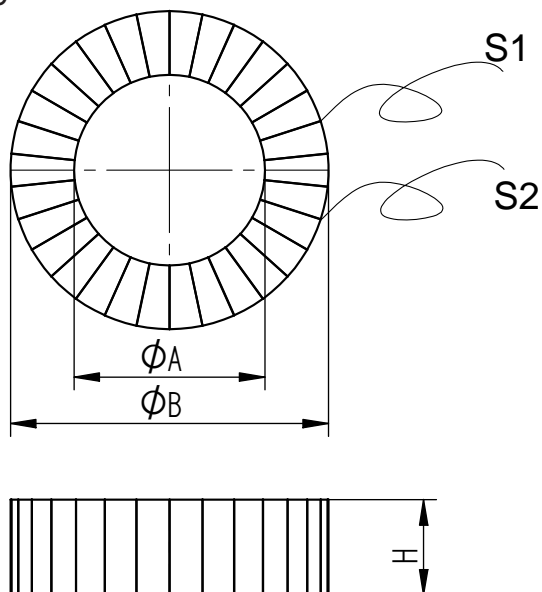
Flexible solution that can be customized to any client configuration.

Accessories / Options

Fixing tabs	according to customers specifications
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Dimensions according to customer's needs :

80 < \emptyset outer < 1000
30 < \emptyset inner < 900
20 < \emptyset thickness < 220
1 kg < mass < 250 kg

Installation

- Installing these CT's may require implementing special supporting fixings on existing structures.
- Warning ! Never leave open the secondary circuit of a current transformer when fed on primary. High voltage may surge at the secondary circuit terminals and might be dangerous for people, and lead to the destruction of the current transformer.