



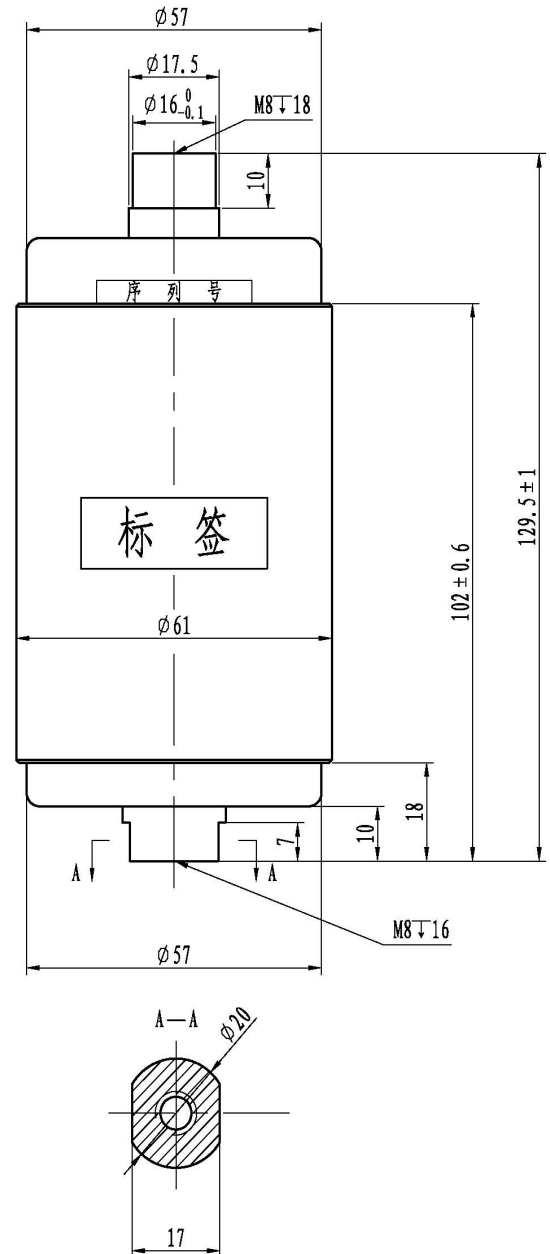
TJ-7.2/450C Contactor used vacuum interrupter

Brief introduction:

The Interrupter adopts “one shut technology”, ceramic shell, CuCr as the contact material; is characterized by high insulation, low stop-flow, strong blowout ability, long life, small size etc, and has advantages as easy to maintain, no explosion risk, pollution-free and low noise etc. Contactors assembled by it are used to control and protect the electricity transmission and distribution system in electrical, mechanical, chemical, metallurgy, mining and railway department, especially in frequent operation fields.

Main technical specifications:

Items	Unit	Value
Rated voltage:	kV	7.2
Rated current:	A	450
Rated Frequency:	Hz	50 / 60
Short-time (1 min) power frequency withstand voltage:	KV	25
Rated making current capacity:	KA/times	4.5 / 50
Rated breaking current capacity:	KA/times	4 / 50
Rated short-time withstand current/duration:	KA/S	4.5 / 4
Rated current breaking times:	times	6×10^4
Contact resistance at rated contact closing force :	$\mu\Omega$	≤ 150
Vacuum degree	Pa	$\leq 1.33 \times 10^{-3}$
Mechanical life:	times	1×10^6
Contact closing force under atmosphere:	N	70 ± 15
Max Contact stroke:	mm	6
Counterforce at rated contact stroke:	N	90 ± 15
Contact erosion limit:	mm	2
Weight (Max):	Kg	0.76
Storage duration:	year	15





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Required mechanical specifications for the matched structure

Rated contact Stroke:	mm	4±0.5
Contact Overtravel:	mm	2±0.5
Rated contact working pressure:	N	350
Average opening speed:	m/s	0.5-0.7
Average closing speed:	m/s	0.1-0.25
Contact closing bounce time:	ms	≤2
Three-phases synchronization:	ms	≤2