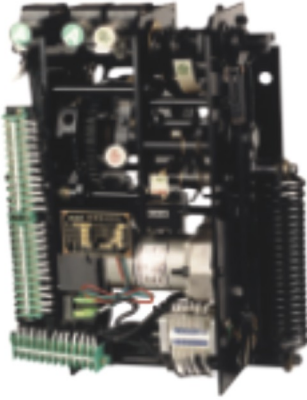


## CT19 Spring Loded Drive Mechanism



### ► General

The energy-stored way of CT19 mechanism closing spring is sorted into motor energy-stored and hand energy-stored. The closing operation is supplied by closing electromagnet and manual button, and the opening operation is offered by opening electromagnet, over current release with electromagnet as well as manual button.

Mechanism spec. and its main parts parameters listed in the table :

Specification	Weight (kg)	Volume high * width * deep(mm)	Electric motor output (W)	Closing spring(mm)	Matched vacuum circuit-breaker breaking current (kA)
CD19- I	30	420 × 350 × 160	70	φ 6	20
CD19- II	30	420 × 350 × 160	70	φ 7	31.5
CD19-III	30	420 × 350 × 160	70	φ 8	40

### ► Main Technical Parameter

1.The stored energy motor is the one-way permanent-magnet DC machine, the technical parameter as Table:

Type	66ZYCJ-11	
Rated working voltage (V)	-110	-220
Motor rated input power (W)	110	
Normal work voltage scope	85%~110% Rated working voltage	
Rated working voltage stored energy time (s)	< 12	

2. Closing and opening electro-magnet technology parameter as Table:

Rated working voltage (V)	~110	~220	~380	~48	~110	~220
Rated working current(A)	5	2.6			2.34	1.63
Rated power (W)	<572	<572			257	359
20 °C time coils resistance value (Ω)	9.5 ± 0.5	20.8 ± 1			47 ± 2.5	13.5 ± 7
Normal switch on working voltage scope	85%~110% : Rated working voltage					
Normal switch off working voltage scope	65%~120% rated working voltage, smaller than 30% rated working voltage, it should not switch off.					

### ► Overall and installation dimensions

