

# Jinbo Marine

Marine & Offshore Equipment Datasheet

PRODUCT DATASHEET

## MARINE TRANSFORMERS

# CDGD-5 Drip-proof Dry type Marine Single-phase Transformer

ISO9001 Supplier

Class Certificate

Export Supply

CDGD-5 Drip-proof Dry type Marine Single-phase Transformer: 1、 Purpose Drip-proof,dry type marine transformer All marine transformers are built on our dry type transformers basics of production...



### Key Highlights

Category	Marine Transformers
Standard	ISO
Material	The transformer enclosures are made of the best quality steel plate and ...
Weight / Size	(%) No-load Loss (W) Load Loss (W75°C) No-load Current (%) Degree of Prot...
Certificate	CCS BV CE

We can supply according to your requirement, drawings, class certificate needs, and delivery schedule.

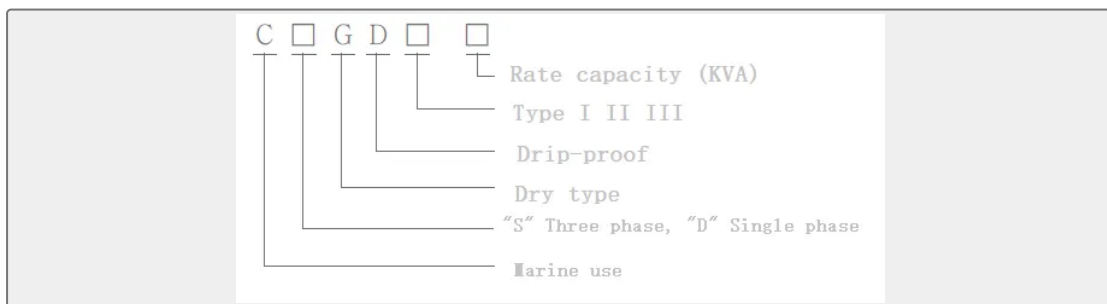


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Technical Specifications			
Category	Marine Transformers	Model / SKU	CDGD-5-Drip-proof-Dry-type-Marine-Single-phase-Transformer
Standard	ISO	Material	The transformer enclosures are made of the best quality steel plate and designed for air circulation and drip-proof, rat-proof.
Weight / Size	(%) No-load Loss (W) Load Loss (W75°C) No-load Current (%) Degree of Protection 50Hz 60Hz 50Hz 60Hz CDGD 5 1 3~3.5 65 190 10 IP22 IP23 7.5 3~3.5 90 250 10 10 -410 450 380 440 3~3.5 100 350 8 15 400 -445 230 230 3~3.5 130 400 8 20 -390 -440 115 115 3~3.5 170 460 8 25 -380 400 450 I-I 3~3.5 200 590 6 30 3~3.5 260 720 6 40 3~3.5 280 820 6 50 3~3.5 320 950 5 60 3~3.5 380 1100 5 75 3~3.5 480 1420 5 Dimensions and install size:	Certificate	CCS BV CE
Warranty	12 Months unless specified otherwise	Origin	China

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	■ Dimensions and install size:	

## CDGD-5 Drip-proof Dry type Marine Single-phase Transformer:



### 1. Purpose

Drip-proof, dry type marine transformer

All marine transformers are built on our dry type transformers basics of production in accordance with the technical requirements of the IEC.60076, and be approved by CCS.

### 2. Service conditions



1. Purpose

Marine transformers are used for lighting, power, intercommunication or isolation of power lines on ships.

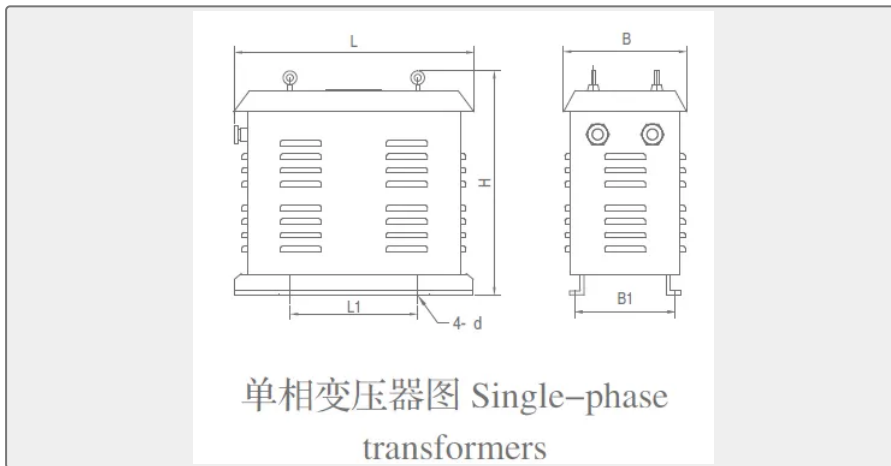
2. Service conditions

- I A height above sea-level not exceeding 1000m;
- I A temperature of ambient air not below -25°C and not above +45°C ;
- I Relative air humidity: ≤95% ;
- I Be influenced by dew ,oil and salt vapor ,molds;
- I There are vibrating ,colliding ,during ships transporting ;
- I Swing with angle up to 22.5 ° , shopping with 15°or below during ships transporting.

3. Structure

- I Transformer are dip-proof, dry type, floor mounting type.
- I Insulation class B, F or H.
- I Three phase transformers are produced into three types ,include one three phase transformer and three or four single phase transformers in fit together . The transformer enclosures are made of the best quality steel plate and designed for air circulation and drip-proof, rat-proof. The terminal board and tap changing boards are provided inside the enclosure. External input & output cables can be easily connected to the terminal board through the cable gland mounted on the left and/or right side of enclosure .

**Technical data:**



Type	Cap. (KVA)	Number of phase	Primary volt. (V)		Secondary volt. (V)		Connection Symbol	Imp. (%)	No-load Loss (W)	Load Loss (W75°C)	No-load Current (%)	Degree of Protection
			50 Hz	60 Hz	50Hz	60Hz						

CDGD	5	1	3~3 .5	65	190	10	IP22 IP23				
	7.5		3~3 .5	90	250	10					
	10		-41 0	450	380	440		3~3. 5	100	350	8
	15		400	-44 5	230	230		3~3. 5	130	400	8
	20		-39 0	-44 0	115	115		3~3. 5	170	460	8
	25		-38 0	400	450	I-I		3~3. 5	200	590	6
	30		3~3 .5	260	720	6					
	40		3~3 .5	280	820	6					
	50		3~3 .5	320	950	5					
	60		3~3 .5	380	110 0	5					
	75		3~3 .5	480	142 0	5					

## Dimensions and install size:

Type	Cap.	Dimension ( mm )			Install size ( mm )			Weight
	(KVA)	L	B	H	L1	B1	d	( Kg )
CDGD-5	5	465	325	530	350	215	12	75
CDGD-7.5	7.5	500	345	610	380	235	12	85
CDGD-10	10	500	345	610	380	235	12	100
CDGD-15	15	545	375	700	410	240	14	150
CDGD-20	20	585	410	730	470	275	14	190
CDGD-25	25	585	410	730	470	275	14	195
CDGD-30	30	625	430	770	490	300	14	270
CDGD-40	40	635	440	770	520	305	14	290
CDGD-50	50	665	460	830	530	325	14	320
CDGD-60	60	690	470	910	530	350	18	395