Jinbo Marine

Marine & Offshore Equipment Datasheet

PRODUCT DATASHEET

OIL PURIFIER

ZYE series two stage cryogenic vacuum oil filter

ISO9001 Supplier

Class Certificate

Export Supply

ZYE series two-stage cryogenic vacuum oil filter: This equipment is suitable for the processing of new oil and oil, especially for large power transmission and transformation equipment above 110KV and the main tran...

Key Highlights

Category	Oil Purifier
Standard	EN
Weight / Size	Item Unit ZYE-50 ZYE-100 ZYE-150 ZYE-200 ZYE-250 ZYE-300 Flow Rate L/min...
Certificate	ABS, LR, BV, DNVGL, NK, KR, IRS, RMRS, CCS

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

Technical Specifications			
Category	Oil Purifier	**Model / SKU**	ZYE-series-two-stage-cryogenic-vacuum-oil-filter
Standard	EN	**Weight / Size**	Item Unit ZYE-50 ZYE-100 ZYE-150 ZYE-200 ZYE-250 ZYE-300 Flow Rate L/min 50 100 150 200 250 300 working vacuum pa ≤133 Ultimate vacuum pa ≤5 working Preuusre Mpa ≤0.4 power / 380V/50HZ(or at user's option) noise db(A) dB(A) ≤70 (depend on user's requirement) Fult-free working hours h ≥4000 continuous hours h ≥150 Heating power Kw 4 8 10 12 15 16 Inlet(outlet) diameter mm Φ32 Φ42 Φ50 Φ50 Φ60 Φ60 weight kg 550 870 950 1250 1850 2100 After filteration breakdown voltage KV ≥75 water content ppm ≤5 Dielectric loss tgδ (90℃) % ≤0.3 acid value mgKOH/g ≤0.03 gas content % ≤0.1 granularity μm ≤1
Certificate	ABS, LR, BV, DNVGL, NK, KR, IRS, RMRS, CCS	**Warranty**	12 Months unless specified otherwise
Origin	China		

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ZYE series two-stage cryogenic vacuum oil filter:

This equipment is suitable for the processing of new oil and oil, especially for large power transmission and transformation equipment above 110KV and the main transformer network. Can shorten the transformer installation and maintenance of oil treatment period.

Technical features:

1. This machine adopts low temperature vacuum analytical technology (patent technology), in the case of no need to heat the oil on the water of the oil, gas analysis evaporation. Changes in the traditional need to be heated in order to improve the process of dehydration and pressure, compared with the traditional oil filter to save 85% of electricity consumption.

2. The analytical technology of cryogenic vacuum not only has the function of dehydration, degassing and pressure increasing, but also solves the problem of increasing dielectric loss caused by the need of heating and dewatering.

3. strong ability to filter impurities. The utility model has the advantages of high corrosion resistance, high temperature resistance, good mechanical strength and long service life, and can be used for filtering the fine particles in oil.

4. this equipment adopts the special oil pump, which solves the problem of the noise and the flow by the vacuum and the liquid level. Debugging results show that the oil pump noise is lower than the vacuum pump noise, with a detection noise of 70 dB below (the whole).

5. this machine is equipped with perfect protection device. Through the implementation of the original machine on the temperature, pressure, vacuum, power, over pressure, under pressure (Trinity protection), such as the implementation of a comprehensive protection, can effectively prevent accidents, to ensure the normal operation of equipment.

Item		Unit	ZYE-50	ZYE-100	ZYE-150	ZYE-200	ZYE-250	ZYE-300
Flow Rate		L/min	50	100	150	200	250	300
working vacuum		pa	≤133					
Ultimate vacuum		pa	≤5					
working Preuusre		Mpa	≤0.4					
power		/	380V/50HZ(or at user's option)					
noise db(A)		dB(A)	≤70 (depend on user's requirement)					
Fult-free working hours		h	≥4000					
continuous hours		h	≥150					
Heating power		Kw	4	8	10	12	15	16
Inlet(outlet) diameter		mm	Φ32	Φ42	Φ50	Φ50	Φ60	Φ60
weight		kg	550	870	950	1250	1850	2100
After filteration	breakdown voltage	KV	≥75					
	water content	ppm	≤5					
	Dielectric loss	tgδ (90℃) %	≤0.3					
	acid value	mgKOH/g	≤0.03					
	gas content	%	≤0.1					
	granularity	μm	≤1					