

OTHER MARINE VALVES & ACCESSORIES

Marine Temperature Auto-Regulating Valve LZFT-80

ISO9001 Supplier

Class Certificate

Export Supply

Purpose: LZFT is nodular iron Temperature Auto Regulating Valve, also called as Automatic Temperature Controller, is mainly suitable for automatic temperature adjusting of fresh water system and lub oil in cooling ...



Key Highlights

Category	Other Marine Valves & Accessories
Standard	DIN
Material	Nodular Iron QT400
Weight / Size	Nominal Size:DN80 Nonimal Pressure:
Certificate	ABS, LR, BV, DNVGL, NK, KR, IRS, RMRS, CCS

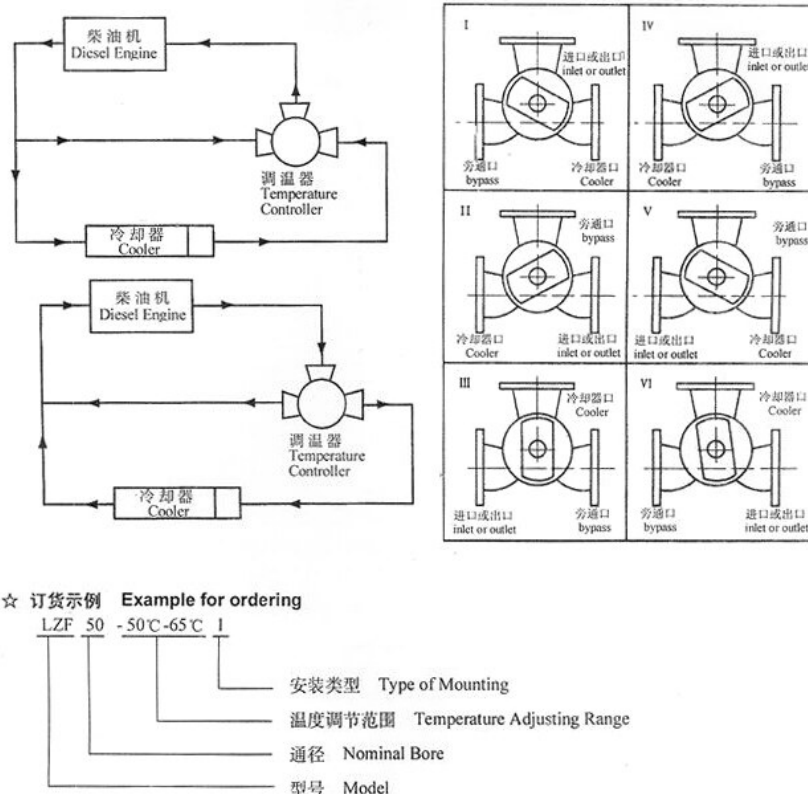
We can supply according to your requirement, drawings, class certificate needs, and delivery schedule.

Technical Specifications

Category	Other Marine Valves & Accessories	Model / SKU	Marine-Temperature-Auto-Regulating-Valve-LZFT-80
Standard	DIN	Material	Nodular Iron QT400
Weight / Size	Nominal Size:DN80 Nonimal Pressure:	Certificate	ABS, LR, BV, DNVGL, NK, KR, IRS, RMRS, CCS
Warranty	12 Months unless specified otherwise	Origin	China

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Purpose:

LZFT is nodular iron Temperature Auto Regulating Valve, also called as Automatic Temperature Controller, is mainly suitable for automatic temperature adjusting of fresh water system and lub oil in cooling system of power units in marine & other kinds of ships. Our products have the features of working without any external power, pronging machine life and increasing economic benefit.

Working Principle:

The temperature valve consists of a temperature sensor, a rotating valve, a mandril and a lever. According to the change of media's temperature, the temperature sensor controls the mandril to extend and shorten, causing the lever to drive and the valve to rotate. Together with the rotating valve, the flux that flow to the cooler and pass-by is regulated to adjust media's temperature.

When the media's temperature rises and reaches the lower limit of attemperator, the temperature sensor drives the lever and rotates the valve anticlockwise. So the pass-by pipe is closed and the cooler pipe is opened a little by little. When the media's temperature reaches the upper limit of sensor, the pass-by pipe is closed and the cooler is opened completely. It is opposite direction between rising and falling process of temperature. The action of valve's working makes the media which temperature could be adjusted in range.

Technical Specification of LZFT-80:

Nominal Size: DN80

Nonimal Pressure: 0.5Mpa/ 1.0Mpa

Rate Flow: Lub Oil 80m3/h

Time Constant $\leq 120S$

Leakage $\leq 3\%$

Insensitiveness $\leq 3^{\circ}C$