

FDF12 Reverse-Modulating Hydraulic Brake Valve

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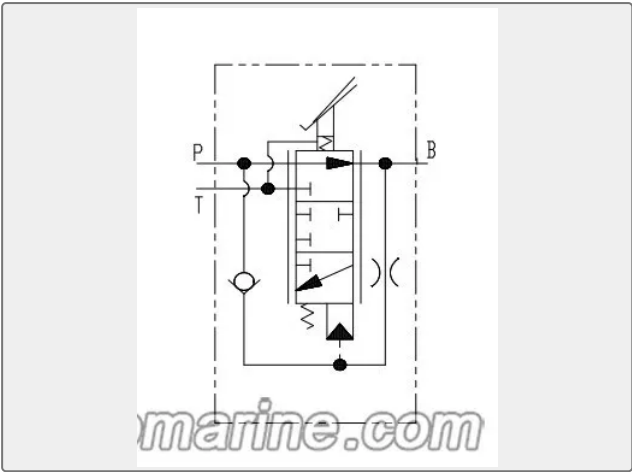
Category	Other Marine Valves & Accessories
Standard	GB
Weight / Size	Approximate Weight 2.8Kg
Certificate	ABS, LR, BV, DNVGL, NK, KR, IRS, RMRS, CCS

Technical Specifications

Category	Other Marine Valves & Accessories	Model / SKU	FDF12-Reverse-Modulating-Hydraulic-Brake-Valve
Standard	GB	Weight / Size	Approximate Weight 2.8Kg
Certificate	ABS, LR, BV, DNVGL, NK, KR, IRS, RMRS, CCS	Warranty	12 Months unless specified otherwise
Origin	China		

This valve adopts the principle of a direct-acting three-way pressure-reducing valve. It is applied to the return-oil brake system (loss-of-oil brake), and service braking is realized by matching with spring-applied / hydraulically-released brakes. Reverse-modulating means braking is generated by reducing the pre-set pressure. The pre-set pressure must be kept above a certain level higher than the pressure required for full release of the brake. The braking pressure is inversely proportional to the stroke of the operating control element or the stroke angle of the pedal, while the operating force is proportional to the stroke of the actuator.

Principle :



Max. Pressure at Port P	20 MPa
Max.Braking Pressure at Port A	15 MPa
Return-line Back Pressure	≤ 0.5 MPa
Viscosity Range	10-380 mm²/s
Temperature Range	-20 °C ~ 100 °C
Oil Fluid Cleanliness	The solid-particle contamination level of oil fluid and system shall not exceed GB/T 14039-2002-/19/16 or NAS 1638 Class 10.
Approximate Weight	2.8Kg