

OTHER MARINE VALVES & ACCESSORIES

PDF05 Single-Circuit Charging Valve

PDF05 Single-Circuit Charging Valve      This valve is installed between the pump outlet and the relief valve. It maintains the pressure level in the accumulator oil circuit within a specified limit (o...

ISO9001 Supplier

Class Certificate

Export Supply



Key Highlights

|               |                                            |
|---------------|--------------------------------------------|
| Category      | Other Marine Valves & Accessories          |
| Standard      | DIN                                        |
| Weight / Size | Approximate Weight 3.4Kg                   |
| 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

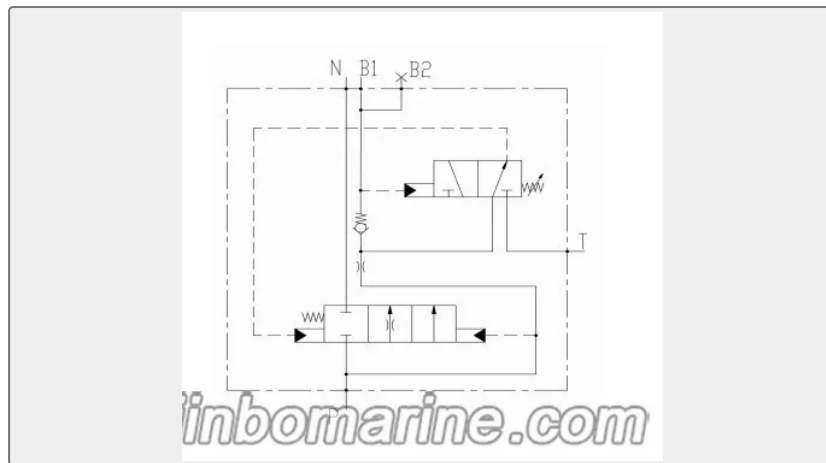
|             |                                            |               |                                      |
|-------------|--------------------------------------------|---------------|--------------------------------------|
| Category    | Other Marine Valves & Accessories          | Model / SKU   | PDF05-Single-Circuit-Charging-Valve  |
| Standard    | DIN                                        | Weight / Size | Approximate Weight 3.4Kg             |
| Certificate | ABS, LR, BV, DNVGL, NK, KR, IRS, RMRS, CCS | Warranty      | 12 Months unless specified otherwise |
| Origin      | China                                      |               |                                      |

China PDF05 Single-Circuit Charging Valve:

PDF05 Single-Circuit Charging Valve

This valve is installed between the pump outlet and the relief valve. It maintains the pressure level in the accumulator oil circuit within a specified limit (opening pressure and cut-off pressure). The switching pressure differential (the difference between opening pressure and cut-off pressure) is approximately 20% of the cut-off pressure. The pressure range can be adjusted according to user requirements.

Principle :



| Max. Flow at Port P       | 70L/min                                                                                                                      |
|---------------------------|------------------------------------------------------------------------------------------------------------------------------|
| Charging Flow Rate        | 17L/min                                                                                                                      |
| Max. Accumulator Pressure | 20 MPa                                                                                                                       |
| Viscosity Range           | 10-380 mm <sup>2</sup> /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        | 3.4Kg                                                                                                                        |