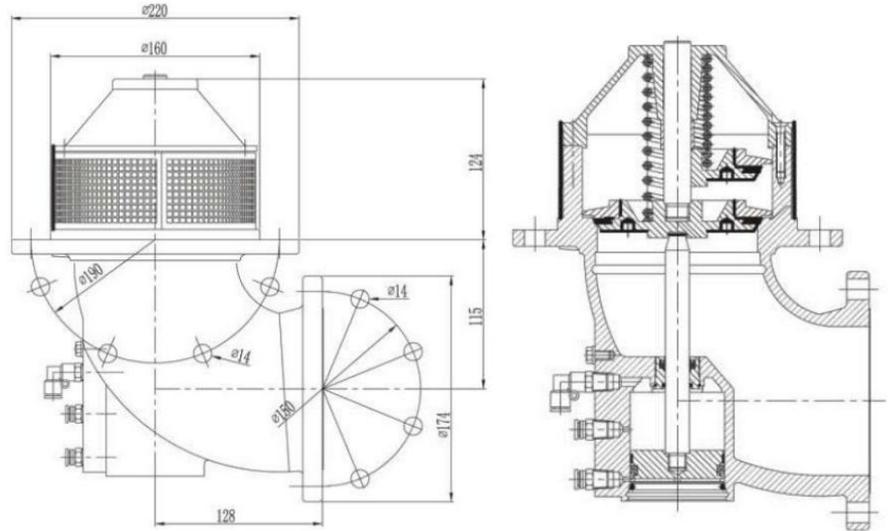


Add:Bali Village Qiaoxia Town, Yongjia County, Wenzhou City, Zhejiang Province, China.

High-Flow Pneumatic Bottom Valve with Dual Round Flanges for Fuel Tank Trucks



The valve is installed at the bottom of the tank, the valve disc is sealed inside the tank, and the valve body is designed with a cutting groove. When the valve body is subject to an unexpected severe impact, the outer part of the valve body will be broken along the cutting groove, thereby ensuring the overall sealing of the tank body and effectively preventing oil leakage.

Technical Specifications:

Item No. HBFV-B-4
Name: Pneumatic Bottom Valve
Nominal size: 4 inch
Working pressure: 0.6MPa
Maximum flow rate: 2500L/min
Opening mode: pneumatic
Temperature range: -20~+70 °C
Flange: Round on Tank Side
Round on Pipe Side
Applicable medium: light fuel
such as gasoline and diesel oil

The following accessories are designed to work in conjunction with the bottom valve for options:

HBBVTSFL-100R – Tank Side Flange with 8 bolt holes
HBBVTSFL-100RB – Tank Side Welding Sump with 8 male bolts
HBBVTSFL-100RA – Tank Side Welding Sump with 8 female nuts
HBBVPSFL-100R – Pipe Side Round Flange with 8 bolt holes
Buna-N / Viton Round Gasket for 4 inch Bottom Valve Tank Side
Buna-N / Viton Round Gasket for 4 inch Bottom Valve Pipe Side

Other required spare parts or other materials are customized!

Features:

High Flow Rate - Designed for efficient loading and unloading
Standard 4" TTMA Flange Compatible - Easy installation with common sump configurations
Meets International Standards: TTMA RP84-92 and RP86-92 shear section force ratings, DOT 49 CFR 178.345-8 and DOT 406 compliant shear groove, EN 13308:2002 standard compliant
Die-cast high-strength aluminum body - Lightweight and durable
Viton Seals - Excellent resistance to fuels and chemicals
Brass Cam with Bearing Boot - Ensures smooth operation and longer lifespan
Double O-Ring Camshaft Sealing - Improves sealing performance and simplifies maintenance
Stainless Steel Internal Components - Corrosion resistant and long-lasting

⚙️ Functional Highlights

High-Lift Poppet Design - Maximizes flow efficiency

Self-Centering Plunger with Heavy-Duty Compression Spring - Ensures consistent and secure closure
Optional Push Rod Adaptor / Eye Bolt - For mechanical vent or top operation

HB Equipment shall be used in compliance with applicable country, province and local laws and regulations. Products selection shall be based on physical specifications and limitations and compatibility with the environment.