

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

Pneumatic Aluminum Control Ball Valve for Tank Trucks



HBPNBV Series of Pneumatic Control Aluminum Ball Valves are specifically designed for oil tank truck and water tank trucks. It utilizes an advanced pneumatic actuator for driving. The valve's air inlet is directly connected to the vehicle's air pump, allowing direct control of the product for loading and unloading operations from the driver's cabin. They are mainly applied in gas stations and small-diameter oil pipelines, serving as a substitute for the emergency shut-off ball valve below the fuel dispenser. In emergency situations, closing this valve effectively reduces fuel spillage, minimizing unnecessary losses.

Technique Specification:



Body:Aluminum
 Ball: Stainless steel
 Gasket:Teflon and Buna-N
 Flange Type: Square only
 Temperature Range:-20~+70°C
 Working Pressure:0.6 Mpa
 Air Source Pressure:0.3 to 0.8 Mpa
 Diameter Sizes:40 to 100 mm
 Control Mode: Pneumatic

Ordering Specifications:

Item No.	Diameter Sizes	Flange Face to Face Distance	Ball Valve Type
HBPNBV-50F	50 mm	170 mm	Straight-through
HBPNBV-65F	65 mm	200 mm	Straight-through
HBPNBV-80F	80 mm	220 mm	Straight-through
HBPNBV-T-50	50 mm	170 mm	T Type
HBPNBV-T-65	65 mm	200 mm	T Type
HBPNBV-T-65-2	65 mm	220 mm	T Type
HBPNBV-T-80	80 mm	220 mm	T Type

The Flange Standard can be produced according to user's requirements.

Features:

Pneumatic Control Aluminum Ball Valve features a 90-degree rotary motion with a spherical plug, allowing a circular through-hole or passage along its axis. In pipelines, ball valves are primarily used for cutting off, distributing, and altering the flow direction of the medium.

They can be tightly closed with a simple 90-degree rotation.

Ball valves are most suitable for use as on-off and shut-off valves, but recent developments have designed them to also serve as throttling and flow control devices.

Note: In case of damage to the sealing ring or ball surface, it is necessary to correct the sealing surface or replace the damaged parts.