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Aluminum Vapor Ball Valve Adapter for Gasoline Vapor Recovery Systems

HBVRBV Series Vapor Recovery Adaptor with Built-on Ball Valves are made in material of cast aluminum. Based on feedback from many gas station or oil depot field workers, we developed this series of products. When workers connect the vapor recovery hose coupling to a normal vapor recovery adapter without a ball valve, the oil vapor will instantly spray out as the vapor inside the tank often maintains some pressure. This can lead to a series of safety issues and the emitted vapor has an unpleasant odor.

Technique Specification:



HBVRBV-80F and HBVRBV-100F of

Ball Valve: Aluminum
Gasket for ball valve:Teflon
Vapor Recovery Adaptor:Aluminum
Gasket for vapor recovery adaptor:Buna-N and Viton
Male end of vapor recovery adaptor:4 inch
Flange Size: DN65 to DN150 (2.5 to 6 inch)
Temperature Range:-20~+50°C
Standard of male end of vapor recovery adaptor and standard of ball valve connecting flange can be produced according to client's detailed requirement.

Ordering Specifications:

Item No.	Ball Diameter Size	Male End	Flange Hole Center to Hole Center Distance
HBVRBV-65F	65 mm	4 inch	145 mm
HBVRBV-80F	80 mm	4 inch	160 mm
HBVRBV-100F	100 mm	4 inch	180 mm

The standard of male end of the above vapor recovery adaptor and standard of ball valve connecting flange can be produced according to client's detailed requirement.

The features of above product are as follows:

Operators can first connect the vapor recovery hose coupling to the vapor recovery adapter and then open the ball valve by turning the handle. This allows all the oil vapor that need to be displaced from the tank to be recovered through the vapor recovery hose.This product effectively solves the problem of oil vapor leakage, preventing any unpleasant experiences for the users. After years of market selection, this series of products have become very popular among our end users.