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## Compact Aluminum One-Way Ball Valve with Female Cam-lock Coupling for Fuel Handling Systems



This product features an aluminum alloy housing and a stainless steel ball core, offering advantages such as a compact structure, light weight, small size, and convenient use. It is equipped with a limited lever and locking devices for safety and reliability. The ball valve is widely used for opening and closing control in non-corrosive liquid transportation pipelines. The one-way ball valve is primarily used in oil depots, gas stations, oil tank trucks, and other applications.

### Technique Specification:

Body:Cast Aluminum  
Ball: Steel or Stainless steel for Option  
Gasket:Teflon and Buna-N  
Temperature Range:-20~+70°C  
Working Pressure:0.3 to1.0 Mpa  
Diameter Sizes:50 to 150 mm(2 to 6 inches)  
Control Mode: Manual  
Flow Direction: One way



### Ordering Specifications:

Item No.	Flange Type	Diameter Sizes	Flange Hole Center to Hole Center and Hole Qty.
HBBV-C-50	Round	50 mm Flange X 50 mm Female	125 mm and 4 Holes
HBBV-C-65	Round	65 mm Flange X 65 mm Female	145 mm and 4 Holes
HBBV-C-80	Round	80 mm Flange X 80 mm Female	160 mm and 4 Holes
HBBV-C-100	Round	100 mm Flange X 100 mm Female	180 mm and 4 or 8 Holes for option
HBBV-C-65-50	Round	65 mm Flange X 50 mm Female	145 mm and 4 Holes
HBBV-C-65-80	Round	65 mm Flange X 80 mm Female	145 mm and 4 Holes
HBBV-C-80-65	Round	80 mm Flange X 65 mm Female	160 mm and 4 Holes
HBBV-C-80-100	Round	80 mm Flange X 100 mm Female	160 mm and 4 Holes
HBBV-C-100-65	Round	100 mm Flange X 65 mm Female	180 mm and 4 or 8 Holes for option
HBBV-C-100-80	Round	100 mm Flange X 80 mm Female	180 mm and 4 or 8 Holes for option
HBBV-C-150-100	Round	150 mm Flange X 100 mm Female	240 mm and 8 Holes

The Flange Standard can be produced according to user's requirements. We can also make the 4 inch/100 mm flange side to be a male threaded connection, allowing it to be compatible with our spill container.

### Features:

The rotating flange's internal sealing seat allows for the adjustment of the torque of the handle or to eliminate possible leaking.

The Cam-lock design is very convenient for arrange loading or unloading and it is also easy to repair.

**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.