DATA SHEET Dixon Bayco® Emergency Foot Valve



Dixon Bayco® Emergency Valves are installed in the floor of each tanker compartment and allow the inflow and discharge of fluid during the loading and unloading process of road tankers.





Features:

- · Quick action high lift sequentially operated pneumatic ram
- Minimal pressure drop across the system
- · Air operated assembly is easy to remove & replace
- · Can be manually or pneumatically operated
- · Maximum emergency valve opening for optimal flow rates
- · Main body shear groove design
- · Easily to remove for routine maintenance
- · Reduced running costs over the life of the product
- · Suits all fuel including Diesel

Pressure Rating:

 Nominal 100mm flow area except poppet which is 125mm bore for minimum pressure drop. Requires a minimum of 350kPa air pressure

Air Consumption:

· Consumption 1.0L free air per stroke

Materials:

- Cast aluminium
- · Stainless steel shaft & roller
- · Steel springs & fasteners
- Baylast[™] seals
- FKM bonded disc

Mounting:

- · Mounts directly to the underside of the tanker
- Bolted to sump or tank flange at the bottom of the tank through 8 holes 9.5mm on a 210PCD
- · Designed to interchange with other brands

Part No.	Description	
DBFVAO210	Emergency Valve Assembly c/w air actuator	
DBFVTF210	Weld in Tank Flange, aluminium to suit DBFVAO210 c/w studs and fasteners	
DBFVOF4-100	Weld Flange Outlet, aluminium to suit DBFAO210, suits 4" & 100mm wetlegs	
40417BL	Tank Flange Gasket, Baylast™ to suit DBFVAO210	
40418BL	Outlet Flange Gasket, Baylast™ to suit DBFVAO210	
DBLWKIT	Lift Wire Kit, SS c/w cable, shackles & swivel	
DBVFAO210K1	Air Ram Replacement Assembly c/w Baylast™ gasket	

Bayco® Emergency Foot Valve Technical Information



Components List

Item	Description Elbow Body	Material Aluminium
2	Lid and Roller Sub-Assembly	Aluminium
3	Piston Air Operating Sub-Assembly	Aluminium

