

TODO®

A Gardner Denver Product

BALL VALVES



TODO® BALL VALVES

These lightweight ball valves were the first products to be developed by TODO® and offer obvious weight saving benefits to the road tanker industry.

They are also used in a variety of fixed plant and mobile fuelling applications, especially where compartment switching is required.

A wide selection of end connectors are available and due to the simple sandwich design, speedy valve changeover is achievable.

All sizes are available with pneumatic actuation in either single or double acting form.





FEATURES

- Valve Body and Ball in Aluminium.
- Easy to service.
- Ballsealing in PTFE.
- Will operate under pressure and flow.
- Extremely reliable, very few moving parts.
- Robust construction.
- Available with handle or actuator.

TECHNICAL DETAILS

Sizes:	2" (DN 50)- 4" (DN 100).
Materials:	Aluminium alloy.
Seals:	FKM (Viton®), PTFE. Other materials on request.
Working pressure:	PN 10.
Test pressure:	PN 15.
Safety factor:	5:1.
End connections:	BSP- and NPT-threads. Weld prepared in aluminium or steel. TW-flange in aluminium. Other threads and flanges on request.

Viton® is a registered trademark of DuPont Performance Elastomers.

CERTIFICATES / APPROVALS

European directives 97/23/EC (PED).
ATEX compliant.
Manufactured under EN ISO 9001:2000.



STRAIGHT BALL VALVES SIZE RANGE



4" ball valve
with actuator



3" ball valve



2" ball valve

TWO-WAY BALL VALVES SIZE RANGE



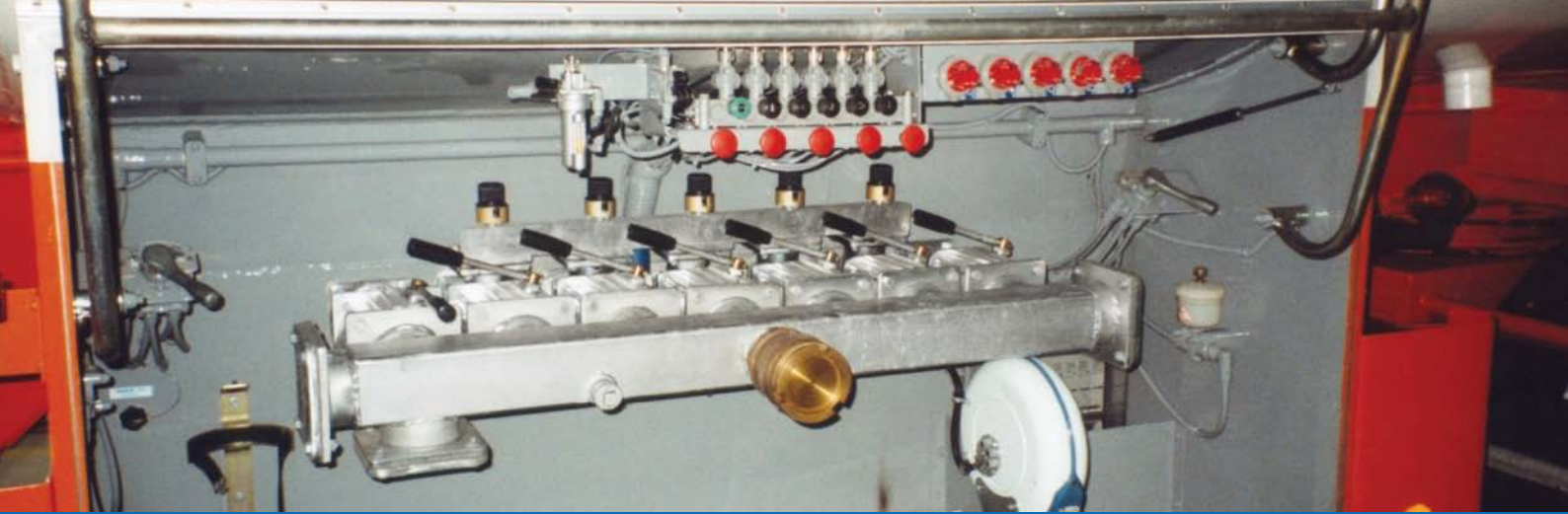
4" ball valve



3" ball valve
with actuator



2" ball valve



TODO® is the world's leading manufacturer of DRY-BREAK® couplings

TODO® was established as a family concern in 1971 based in Töreboda, Sweden. In 2006 TODO® was acquired by Gardner Denver International and now form part of the companies Fluid Transfer Division. With 35 years of experience in the fluid handling industry TODO® is now established as the world's leading manufacturer of DRY-BREAK® couplings. These couplings are supplied globally into a diverse range of industrial applications for the transfer of oil, gases, chemicals etc.

TODO-MATIC® DRY-BREAK® couplings provide easy, quick, safe and environmentally friendly handling of liquids and gases. They minimise risk of operator exposure to emissions, provide better ergonomics, reduce human error and achieve commercial benefits through time saving / clean up costs.

TODO® design and manufacture to EN ISO 9001:2000 accredited quality procedures and provide a product range that conforms to all relevant international quality, performance and safety standards. TODO-MATIC® couplings carry the highest level of certification and approvals available.

PRODUCT RANGE



TODO-MATIC®



TODO-GAS®



TODO® Safety Break Away



TODO-45 aviation



PTC (Pressure Tight Cap)



Ball Valves



Fuel Nozzles



API couplings



Swivels