

Mann Tek[®]



**TANK TRUCK
& TERMINAL**

FOR A BETTER ENVIRONMENT

MADE IN SWEDEN

About us



Mann Tek® is a Swedish manufacturer and supplier of Dry Disconnect Couplings® with experience of the industry for more than 20 years. We supply modern, easy to use, safe and time saving products in handling fluid, gases and bulk powders. A environmentally safe system for both staff and its surroundings, that prevent a variety of hazards.

With more than twenty years of knowledge and experience in the tank truck and terminal industry we have accumulated extensive expertise about applications in many types of variations in which our couplings have been, and can be used, with excellent results.

We constantly strive to develop and improve the performance and design of our products, to meet changes, new market demands and standards. Which, today, is what made us market leading. Our couplings are the obvious choice when certifications and product approvals are required, anywhere in the world.

Mann Tek® is certified to ISO9001:2008.

Sales office

Sweden | Netherlands | Lebanon
Argentina | Great Britain

DD COUPLINGS®

Mann Tek® Dry Disconnect Couplings® are designed for spill free handling in an economical, safe and environmental friendly way. We know the importance of eliminating unwanted leakage and product loss.

With one single action, a straight forward push and a turning motion, to connect the couplings for a full flow. A quick and easy "turn and pull" action will close the valve and disconnect, with no spillage.

Our long experience from the tank truck- and terminal business and demanding requirements from the industry has brought us in to various product developments and technical solutions to meet our customers needs.

We guarantee the highest level of safety and quickest way of connecting and disconnecting.

- Top- & bottom loading of tank trucks, ISO containers, railcars etc.
- Blending pits / mixing stations
- Internal plant handling, such as tank farms
- Delivery coupling from tank truck to customer storage tank
- Sampling





Bottomloading of petroleum tank truck, using 3" DDC system.

SIZE

1" (DN 25) to 8" (DN 200).

MATERIALS

Aluminium, brass/ gunmetal, stainless steel, hastelloy C, titanium and PEEK. Other materials on request.

SEALS

FPM/FKM (Viton®), EPDM, FFKM (Chemraz®, Kalrez®) HNBR, & NBR (Nitrile). Other materials on request.

MAXIMUM WORKING PRESSURE

MWP PN 10 / 16 / 25

MAWP 150 / 300 psi

TEST PRESSURE

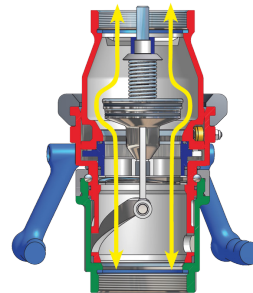
1,5 x maximum working pressure

CONNECTIONS

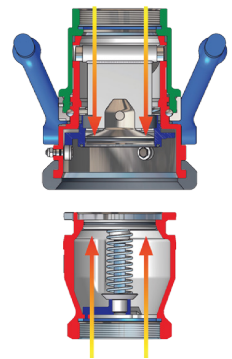
Female and male BSP/ NPT, metric or S60x6 thread. Flanged connections- EN1092 (DIN), ANSI, TW and TTMA.

Integrated break-away, pressure relief valve or other on request.

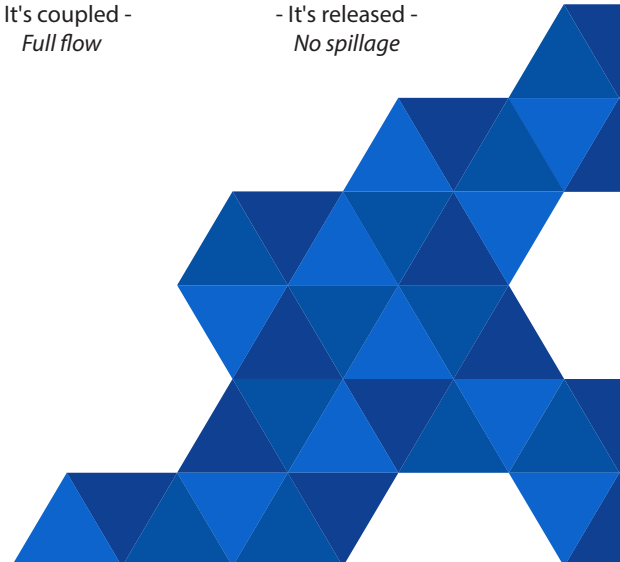
HOW IT WORKS



To connect
Push and turn
- It's coupled -
Full flow



To disconnect
Turn and pull
- It's released -
No spillage



SB COUPLINGS®



3" industrial Breakaway coupling® in service at a petroleum loading depot.

Mann Tek® Breakaway Couplings® are used to prevent pull away accidents. In case of a pull away incident, the two coupling halves will separate and immediately close the flow in both halves and directions and therefore prevent accidents and unwanted spillage of product. The industrial type is installed at fixed points like manifolds, pipelines and depots whereas the marine type is installed in the middle of the hose string.

SBC is the perfect choice to use in combination with DDC/DGC for a higher safety level of your transfer system.



SIZE

1" (DN 25) to 12" (DN 300)

MATERIALS

Aluminium, brass, stainless steel, hastelloy and titanium. Other materials on request.

SEALS

FPM/FKM (Viton®), EPDM, FFKM (Chemraz®, Kalrez®), HNBR, NBR (Nitrile) & PUR (Vulkollan®). Other materials on request.

MAXIMUM WORKING PRESSURE

MWP PN 10 / 16 / 25 bar

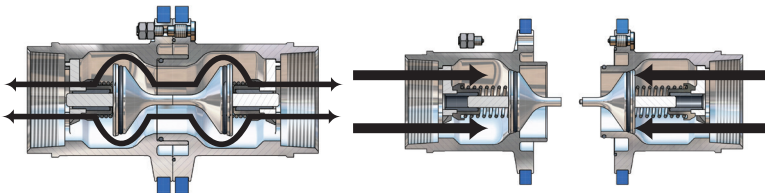
MAWP 150 / 300 psi

TEST PRESSURE

1,5 x maximum working pressure

CONNECTIONS

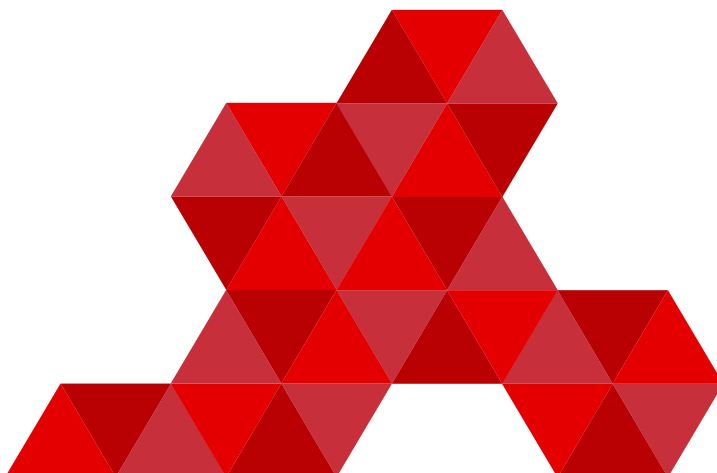
Female and male BSP/ NPT, flanged EN1092 (DIN), ANSI, TW and TTMA. Other on request.

HOW IT WORKS**In service**

The SBCoupling consists of two halves, each with a valve.

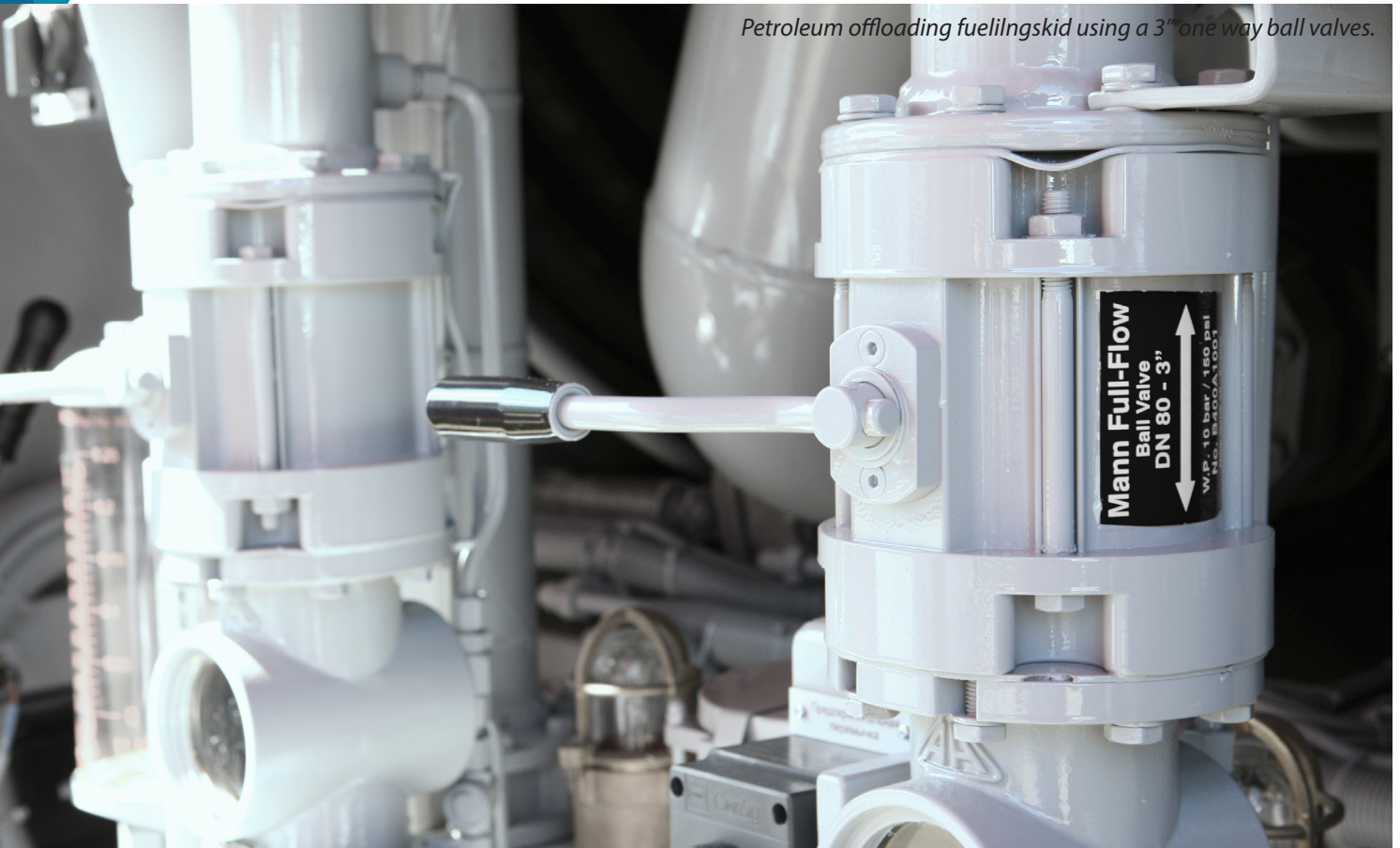
Released

After an emergency disconnection the SBCoupling separates and both vaults close immediately .



FULL FLOW BALL VALVES

Petroleum offloading fueling skid using a 3" one way ball valves.



Mann Tek® Full flow ball valves with one way or two way ball valves are specially designed for handling different types of fuels for example diesel, gasoline and jet fuel in tank trucks. The product is made out of aluminium which offer a weight saving benefits to the road tanker industry and assembled as one product with built in measurement as common standard.

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

SIZE

2" (DN 50) to 4" (DN 100)

MATERIALS

Body: Aluminium

Spindle: Stainless steel

SEALS

FPM/FKM (Viton®), PTFE (Teflon®), HNBR, NBR and EFDM. Other materials on request.

MAXIMUM WORKING PRESSURE

MWP PN 10 bar

MAWP 150 psi

TEST PRESSURE

1,5 x maximum working pressure

CONNECTIONS

BSP- and NPT threads and with flanges EN1092 (DIN), ANSI, TW and TTMA.



SWIVELS

Mann Tek® Swivels are used wherever a rotating system between two equipment parts is needed. The swivels enables free and slow rotation of hoses, nozzles and other fittings under the influence of internal pressure and/ or external stress such as traction and bending forces.

SIZE

3/4" (DN 20) to 10" (DN 250)

MATERIALS

Aluminium, brass, stainless steel, hastelloy and titanium.
Other materials on request.

SEALS

FPM/FKM (Viton®), PUR (Vulkollan®) & PTFE (Teflon®).
Other materials on request.

MAXIMUM WORKING PRESSURE

MWP PN 10 - 25 bar
MAWP 150 - 360 psi

TEST PRESSURE

1,5 x maximum working pressure

CONNECTIONS

Female and male BSP/ NPT, flanged EN1092 (DIN), ANSI, TW, TTMA and ACME. Other on request.



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