

Available sizes

1" DN 25 / 2" DN 50 / 2½" DN 65 /
3" DN 80 / 4" DN 100

Materials / Maximum working pressure

Material ¹	Working Pressure
Aluminum - casted	PN 16 / 232 psi
Aluminum – casted ²	PN 25 / 363 psi
Aluminum – bar	PN 25 / 363 psi
Stainless steel – casted	PN 25 / 363 psi
Stainless steel - bar	PN 25 / 363 psi

¹ Other materials available upon request

² With interior parts made of stainless steel PN 25

Seals

FKM (Viton*), NBR (Nitrile), EPDM,
FFKM (Chemraz**/ Kalrez*)

* Viton and Kalrez are registered trademarks of Dupont Performance Elastomers.

** Chemraz is a registered trademark of Green-Tweed.

Connections

BSP / NPT / EN flange / ANSI flanges

Others upon request

Accessories

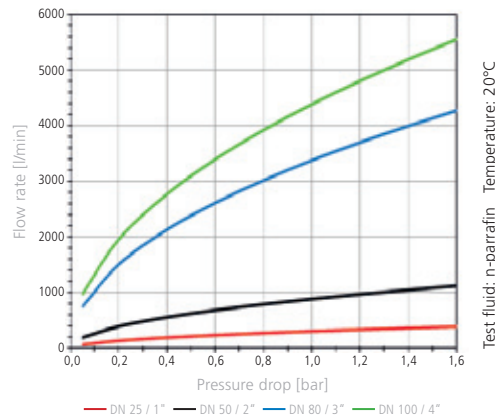
Dust caps and dust plugs are available in:

- › NBR
- › PE
- › Aluminum
- › Stainless steel

Options

- › Selectivity acc. to STANAG 3756
- › Hands on locking device
- › Individually colored handles
- › Offshore version

Flow rates



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TX – the next generation of dry break couplings

Time and cost saving engineering

flow optimized design ensures highest flow rates and lowest pressure drops

Low actuating force

geometrical and material innovations significantly reduces internal friction resulting in high ergonomics

Highest operating pressure

smart sealing design allows operation at high pressure

Easy connection

connecting and disconnecting is made comfortable through superior dynamics concept

Quickest maintenance

modular design allows maintenance even infield within minutes and saves time and money

O-ring count decrease

reducing the amount of elastomeric seals by 50% minimizes maintenance costs

High performance swivel integrated

pressure neutral with low friction and highest resistance against shear forces makes it maintenance free

Hands on interlock device

(optional) integrated locking mechanism ensures user friendly actuation

Stability in rough environments

fixed spider guarantees stability even with high flow rates, pressure peaks and vibrations

Plant integration standardized

Non-projecting piston included in all tank units



Applications

Marine / Offshore

- › Bunkering
- › Loading / Unloading
- › Ship supply
- › Rig supply

Oil & Chemical

- › Tank truck loading
- › Rail car loading
- › Container
- › Refuelling
- › Loading arms
- › Manifold supply

Miscellaneous

- › Gas + LPG supply
- › Pharmaceutical
- › Food
- › Military
- › Energy / Power plants
- › Mining
- › Mechanical and plant engineering
- › Paints & inks

Interchangeability

The TX range is compatible with the international standard **NATO STANAG 3756**.