

### Available sizes

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

### Materials / Maximum working pressure

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

<sup>1</sup> Other materials available upon request

<sup>2</sup> 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

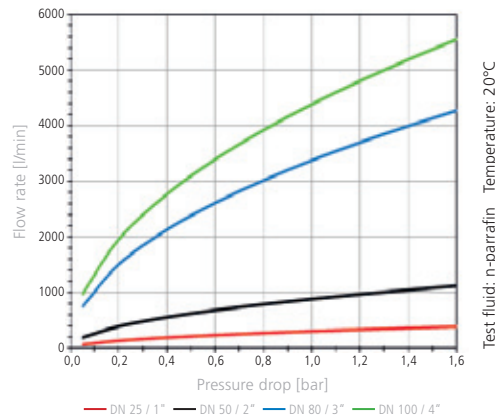
Dust caps and dust plugs are available in:

- › 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**.