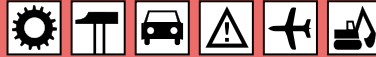




Nominal Diameter

10 = 67 mm²



TEMA Series

TFF3800



60% of actual size

NEW

Technical Description

The coupling system of the TFF series has double shut-off, dry break and single-handed operation. During uncoupling there is no oil loss, and during coupling there is no inclusion of air into the system.

Connected length in total:
 TFF3810 + TFF3820 = 125 mm
 TFF3810 + TFF3821 = 154 mm

Advantages

Dry break quick connect coupling. With minimum pressure drop. Single-handed operation. No oil loss during uncoupling. A safety closing ring prevents unintentional disconnection. Twice as safe through double sealing. Also available with pressure eliminator, i.e. connection is possible under static/residual pressure up to working pressure.

Available Valves



Working Pressure

See chart.

Working Temperature*

-30°C up to +100°C (NBR)
 -25°C up to +200°C (FKM)
 depending on the medium.

*At a temperature below -25°C and above +200°C special seals are available on request.

Material

Coupling

- Coupling Body
- Sleeve
- Locking Ring
- Valve
- Springs
- Locking Balls
- Seals
- Valve Holder
- Thread Body

Standard

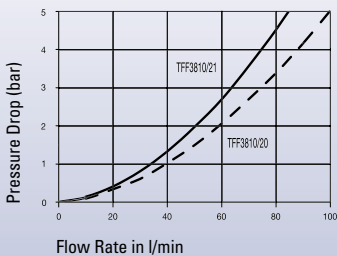
- Steel, QPQ-treated
- Steel Hardened, Zinc Plated, Yellow passivated, sealed
- Brass, Zinc-iron coated, Black passivated, sealed
- Steel, Zinc Plated, Yellow passivated, sealed
- AISI 301
- AISI 420 C
- NBR/PUR
- Steel, Yellow Zinc Plated, sealed
- Steel, Zinc Plated, Yellow passivated, sealed

Plug

- Plug Body
- Valve
- Springs
- Seals
- Valve Holder
- Thread Body

- Steel Hardened, Zinc Plated, Yellow passivated, sealed
- Steel, QPQ-treated
- AISI 301
- NBR/PUR
- Brass, Hard-drawn
- Steel, Zinc Plated, Yellow passivated, sealed

Flow Capacity Viscosity for 32cSt at 40°C as per ISO 7241/2-2000



Pressure (Coupling/Plug)
 TFF3800

Bursting Pressure coupled
 > 2000 bar

Working Pressure uncoupled
 500 bar

Couplings

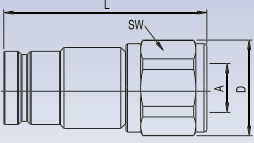
TEMA Series TFF3800

	Dimension	Connection A	SW mm	L mm	D mm	D1 mm	Working press. in bar	Version	Seal	Part Number	DS
<p>Female Thread</p>	3/8"	G 3/8	36	76,5	40		500	Standard	NBR/PUR	TFF3810	■

DS = Delivery Status: ■ in stock □ on short call ▣ medium term delivery

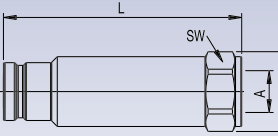
Plugs

TEMA Series TFF3800

	Dimension	Connection A	SW mm	L mm	D mm	D1 mm	Working press. in bar	Version	Seal	Part Number	DS
 <p>Female Thread</p>	3/8"	G 3/8	32	69	35		500	Standard	NBR/PUR	TFF3820	■

Plugs with Pressure Eliminator

TEMA Series TFF3800

	Dimension	Connection A	SW mm	L mm	D mm	D1 mm	Working press. in bar	Version	Seal	Part Number	DS
 <p>Female Thread</p>	3/8"	G 3/8	32	98	35		500	Standard	NBR/PUR	TFF3821	□

DS = Delivery Status:

■ in stock

□ on short call

□ medium term delivery