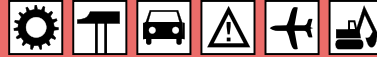




Nominal Diameter

6 = 45 mm²

TEMA Series

TFF2500

75% 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:
TFF2510 + TFF2520 = 122 mm
TFF2510 + TFF2521 = 147 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

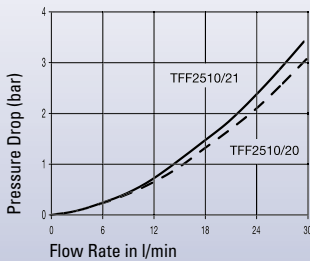
Steel, QPQ-treated
Steel Hardened, Zinc Plated, Yellow passivated, sealed
Brass, Zinc-iron coated, Black passivated, sealed
Steel, Zinc Plated, Yellow passivated, sealed
AISI 301
AISI 420 C
NBR/PUR
Steel, Yellow Zinc Plated, sealed
Steel, Zinc Plated, Yellow passivated, sealed

Plug

Plug Body
Valve
Springs
Seals
Valve Holder
Thread Body

Steel Hardened, Zinc Plated, Yellow passivated, sealed
Steel, QPQ-treated
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)**

TFF2500

Bursting Pressure coupled

> 3200 bar

Working Pressure uncoupled

TFF2510/TFF2521 600 bar
TFF2520 800 bar

Couplings**TEMA Series TFF2500**

| | Dimension | Connection A | SW mm | L mm | D mm | D1 mm | Working press. in bar | Version | Seal | Part Number | DS |
|----------------------|-----------|-----------------|----------|---------|---------|----------|--------------------------|----------|---------|-------------|----|
| <p>Female Thread</p> | 1/4" | G 1/4 | 27 | 65 | 30 | | 800 | Standard | NBR/PUR | TFF2510 | ■ |
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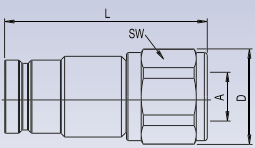
DS = Delivery Status: ■ in stock

■ on short call

■ medium term delivery

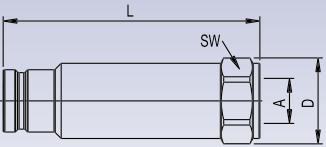
Plugs

TEMA Series TFF2500

| | Dimension | Connection A | SW mm | L mm | D mm | D1 mm | Working press. in bar | Version | Seal | Part Number | DS |
|--|-----------|--------------|----------|---------|---------|----------|--------------------------|----------|---------|-------------|----|
|  <p>Female Thread</p> | 1/4" | G 1/4 | 25 | 74 | 28 | | 800 | Standard | NBR/PUR | TFF2520 | ■ |
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Plugs with Pressure Eliminator

TEMA Series TFF2500

| | Dimension | Connection A | SW mm | L mm | D mm | D1 mm | Working press. in bar | Version | Seal | Part Number | DS |
|---|-----------|--------------|----------|---------|---------|----------|--------------------------|----------|---------|-------------|----|
|  <p>Female Thread</p> | 1/4" | G 1/4 | 25 | 99,2 | 28 | | 800 | Standard | NBR/PUR | TFF2521 | ■□ |
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DS = Delivery Status: ■ in stock

■□ on short call

□ medium term delivery