

TEMA Series

T20000



Nominal Diameter

1590 mm² = 45



TEMA T-Series

Middle-/High-Pressure

Technical Description

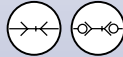
This coupling system can be used as straight-through and double shut-off. Also available in stainless steel.

Connected length in total: 224 mm

Advantages

Straight-through – minimum pressure drop. Double safety through a double O-ring seal. A safety closing ring prevents unintentional uncoupling.

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 -40°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

Standard

Steel, Zinc Plated, Yellow passivated, sealed

Steel Hardened, Zinc Plated, Yellow passivated, sealed

Brass, Zinc-iron coated, Black passivated, sealed

Brass

AISI 301

AISI 420 C

NBR/FKM

AISI 316

Stainless Steel

AISI 316

AISI 316

AISI 316

AISI 316

AISI 301

AISI 420 C

FKM

AISI 316

Plug

Plug Body

Valve

Springs

Seals

Valve Holder

Steel Hardened, Zinc Plated, Yellow passivated, sealed

Brass

AISI 301

NBR/FKM

AISI 316

AISI 316

AISI 316

AISI 301

FKM

AISI 316

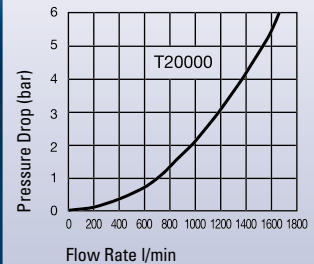
Pressures

Bursting Pressure coupled > 720 bar
Working Pressure uncoupled 150 bar

> 720 bar
150 bar

> 480 bar
120 bar

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



Couplings

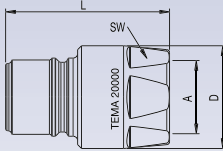
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	Connec-tion A	Hex SW	L mm	D mm	Valve	Working press. in bar	Version	Seal	Part Number	DS
 Female Thread	G 2	75	144	90	with	180	Standard	NBR	T20010	■
	G 2	75	144	90	with	180	Standard	NBR	T20010 V	■
	G 2	75	144	90	with	120	Stainless Steel	NBR	T20010 RV ²⁾	■
	G 2	75	144	90	without	180	Standard	NBR	T20010 UV	■
	G 2	75	144	90	without	180	Standard	NBR	T20010 VUV	■
	G 2	75	144	90	without	120	Stainless Steel	NBR	T20010 RVUV ²⁾	■

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

Plugs

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	Con- nection A	Hex SW	L mm	D mm	Valve	Working press. in bar	Version	Seal	Part Number	DS
 <p>Female Thread</p>	G 2	75	142	85	with	180	Standard	NBR	T20020	■ □
	G 2	75	142	85	with	180	Standard	FKM	T20020 V	■ □
	G 2	75	142	85	with	120	Stainless Steel	FKM	T20020 RV ²⁾	■ □
	G 2	75	142	85	without	180	Standard		T20020 UV	■ □
	G 2	75	142	85	without	120	Stainless Steel		T20020 RUV ²⁾	■ □

Seal-Kit for Coupling

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Description	Material	Part Number	DS
Coupling	NBR	T20000-PSN	■ □
Coupling	FKM	T20000-PSV	■ □
Further sealing materials on request.			

Dust Protection

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Description	L mm	D mm	Material	Color	Part Number	DS
Coupling	380	63	EBA	Black	T20015	■ □
Plug	380	63	EBA	Black	T20025	■ □

DS = Delivery Status: ■ in stock

■ on short call

■ medium term delivery

²⁾ For pulsating pressure, the pressure must not exceed 50 % of the given value