

Hydraulic Couplings



T2300 Series

Technical Description

The TEMA Standard Series is characterised by a low pressure drop and maximum flow capacity. The coupling system is available as double shut-off or straight through version. The 2500 can be used also as a single shut-off version.

Advantages

- High operating pressure.
- Compact dimension.
- Due to the Pressure Eliminator version for coupling and plug the connection is possible up to the operating pressure.
- Double safety through a double O-ring seal.
- A safety closing ring prevents unintentional uncoupling.

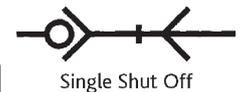
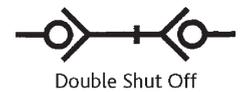
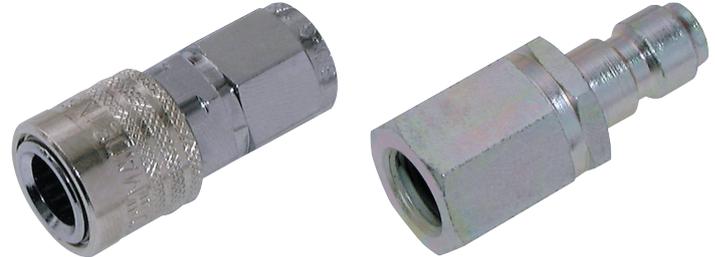
Working Pressure

See charts.

Working Temperature

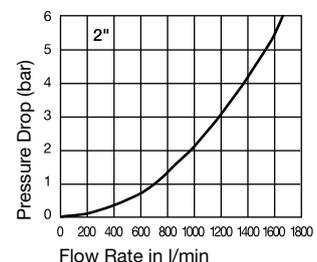
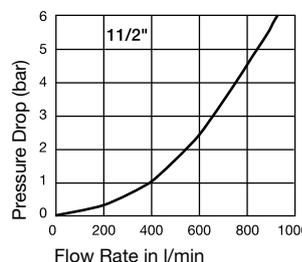
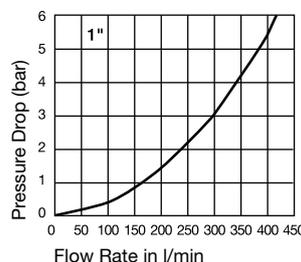
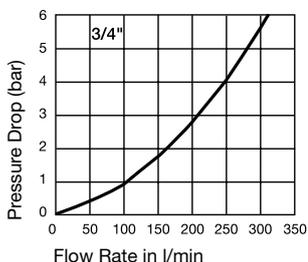
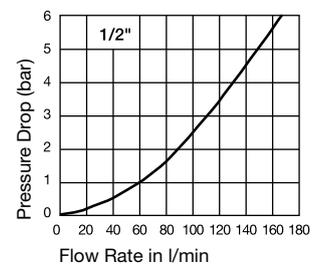
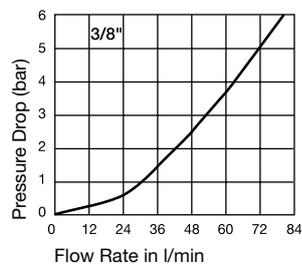
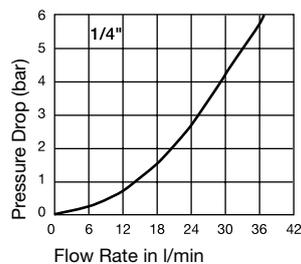
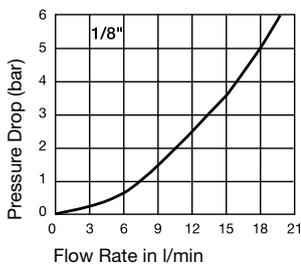
-30°C up to +100°C (NBR),
-25°C up to +200°C (FKM)
depending on the medium.

Special seals are available on request.



Material Coupling	Standard/Pressure Eliminator	Stainless Steel/Pressure Eli.	High Pressure Water (3/8")
Coupling Body	Brass, nickel plated chromated	AISI 316	Brass, chromated
Sleeve	Steel hardened, zinc plated, passiv., sealed	AISI 316	Brass, chromated
Locking Ring	Brass, zinc-iron coated, black passiv., sealed	AISI 316	
Valve	Brass	AISI 316	
Springs	AISI 301	AISI 301	AISI 301
Locking Balls	AISI 420 C	AISI 420 C	AISI 420 C
Seals	NBR/FKM	FKM	NBR
Valve Holder (up to 100°C)	Zinc casting	AISI 316	
Valve Holder (over 100°C)	Brass	AISI 316	
Plug	Standard/Pressure Eliminator	Stainless Steel/Pressure Eli.	High Pressure Water (3/8")
Plug Body	Steel hardened, zinc plated, passiv., sealed	AISI 316	AISI 420 hardened
Valve	Brass	AISI 316	
Springs	AISI 301	AISI 301	
Seals	NBR/FKM	FKM	
Valve Holder (up to 100°C)	Zinc Casting	AISI 316	
Valve Holder (over 100°C)	Brass	AISI 316	

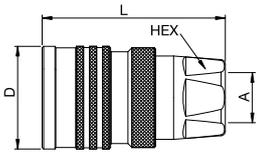
Flow Capacity with Oil with Viscosity of 32cSt at 40°C as per ISO 7241/2-2000



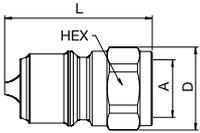
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T2300 Series



Female Thread



Female Thread

Couplings									
Body Size	Connection A	Hex mm	L mm	D mm	Valve	Working Pressure Connection	Version	Seal	Part Number
1/8"	G 1/8	15	38	18	With	200	Standard	NBR	TE-2310
1/8"	G 1/8	15	38	18	With	200	Standard	FKM	TE-2310 V
1/8"	G 1/8	15	38	18	Without	200	Standard	NBR	TE-2310 UV

Plugs									
Body Size	Connection A	Hex mm	L mm	D mm	Valve	Working Pressure Connection	Version	Seal	Part Number
1/8"	G 1/8	15	36	17	With	200	Standard	NBR	T-2320
1/8"	G 1/8	15	38	17	With	200	Standard	FKM	TE-2320 V
1/8"	G 1/8	15	36	17	Without	200	Standard		TE-230 UV