TEMA Tema Profile

Body Size

1/4"

2500 bar

HP2500-Series



Technical Description
The Tema high pressure coupling was specially developed for use in industrial machinery, salvage devices and testing equipment. The coupling can be supplied with or without safety lock.

Advantages
- High flow as a result of optimised valve design.
- Tema high pressure couplings are supplied with dust caps inclusive!
- Dry break – no oil loss during disconnection and no inclusion of air during connection.
- Plug can withstand static pressure disconnected up to full working pressure.

Working Pressure
2500 bar

Working Temperature
-30°C up to +100°C (NBR) depending on the medium. Special seals are available on request (see page 6).

Flow Capacity
4.5 l/min @ 4 bar dP

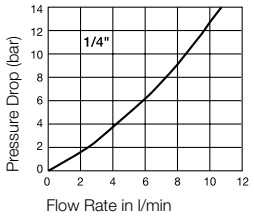
Available Valves

Applications Area

Material Coupling	Standard
Coupling Body	Steel, zinc plated, passivated, sealed
Back Body	Steel, zinc plated, passivated, sealed
Sleeve	Steel, hardened, zinc plated, passivated, sealed
Valve	Steel, zinc plated, passivated, sealed
Springs	AISI 302
Locking Balls	AISI 420 C
Seals	NBR
Inner Sleeve	POM

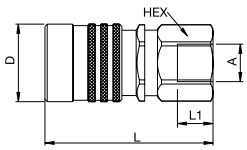
Plug	Standard
Plug Body	Steel, hardened, zinc-nickel plated, passivated, sealed
Valve	Steel, zinc plated, passivated, sealed
Springs	AISI 302
Seals	NBR
Valve Retainer	Steel, zinc plated, passivated

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

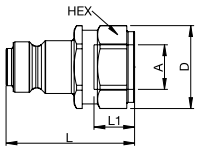


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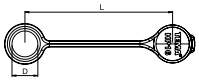
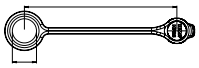
Couplings — HP2500-Series

	Connection A	Hex mm	L mm	L1 mm	D mm	Safety Locking	Work. Pressure connect. in bar	Work. Pressure disconnect. in bar	Burst. Pressure connect. in bar	Part Number
 Female Thread	G 1/4	24	64	12	30	without	2500	2500	>5000	HP2510 4131

Plugs — HP2500-Series

	Connection A	Hex mm	L mm	L1 mm	D mm	Safety Locking	Work. Pressure connect. in bar	Work. Pressure disconnect. in bar	Burst. Pressure connect. in bar	Part Number
 Female Thread	G 1/4	22	38	12	24,5		2500	2500	>5000	HP2520 413

Dust Protection — HP2500-Series

	Version	L mm	D mm	Material	Color	Part Number
	for coupling	120	21	PVC	Blue	HP2516
	for plug	120	19	PVC	Blue	HP2526

⚠ Please consider our security advices on the pages 12/13 ⚠