800 bar

TEMA Tema Profile

Body Size

1/4"

800 bar

FF2500-Series

High Pressure



Technical Description
The coupling system of the FF 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.

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.

Working Pressure
See charts.

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

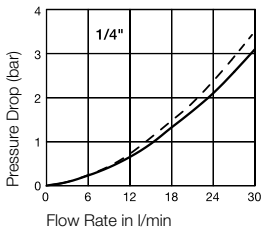
Available Valves

Applications Area

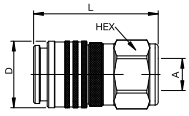
Material Coupling	Standard / Pressure Eliminator
Coupling Body	Steel, nitrocarburizing
Sleeve	Steel hardened, zinc plated, passivated, sealed
Looking Ring	Brass, Zinc-iron coated, black passivated, sealed
Valve	Steel, zinc plated, passivated, sealed
Springs	AISI 301
Locking Balls	AISI 420 C
Seals	NBR/PUR
Valve Holder	Steel, yellow zinc plated, sealed
Thread Body	Steel, zinc plated, passivated, sealed

Material Plug	Standard / Pressure Eliminator
Plug Body	Steel hardened, zinc plated, passivated, sealed
Valve	Steel, nitrocarburizing
Springs	AISI 301
Seals	NBR/PUR
Valve Holder	Brass, hard-drawn
Thread Body	Steel, zinc plated, passivated, sealed

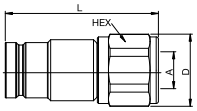
Flow Capacity with Oil with Viscosity of 32cSt at 40°C as per ISO 7241/2-2000



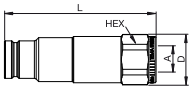
Couplings FF2500-Series

	Body Size	Connec-tion A	Hex mm	L mm	D mm	Working Press. connect. in bar	Version	Seal	Part Number
 Female Thread	1/4"	G 1/4	27	65	30	800	Standard	NBR/PUR	FF2510

Plugs FF2500-Series

	Body Size	Connec-tion A	Hex mm	L mm	D mm	Working Press. connect. in bar	Version	Seal	Part Number
 Female Thread	1/4"	G 1/4	25	74	28	800	Standard	NBR/PUR	FF2520

Plugs FF2500-Series

	Body Size	Connec-tion A	Hex mm	L mm	D mm	Working Press. connect. in bar	Version	Seal	Part Number
 PE Female Thread	1/4"	G 1/4	25	99,2	28	800	Press. Eliminator	NBR/PUR	FF2521

Dust Protection FF2500-Series

	Body Size	Version	L mm	D mm	Material	Color	Part Number
	1/4"	for coupling	190	24	PVC	Blue	FF2516
	1/4"	for plug	190	24	PVC	Blue	FF2526

Seal-Kit FF2500-Series

	Body Size	Version	Material	Part Number
	1/4"	for plugs	NBR	FF2500-PSNPU

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

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