Ball Locking
ISO Standard

ISO A
ISO 7241-1
Series A

Body Size
1/2"

ISO A-Profile
5500-Series

Medium Pressure



Technical Description
The 5500 series has been manufactured according to the regulations and dimensions of the standard specification ISO 7241-1 A series. With the pressure eliminator, it is possible to establish connections with residual pressure (up to 200 bar). The pressure eliminator is available for both – coupling and the plug.

Advantages
Can be fitted with pressure eliminator to ensure effortless connection even with residual pressure.
High flow performance (low pressure drop).

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 (see page 6).

Available Valves:



Applications Area



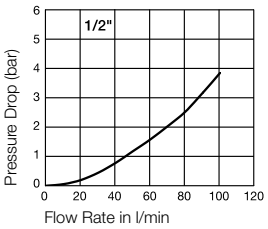
Bursting Pressure

Body Size	Bursting Pressure Connected
1/2"	> 1000 bar

Material Coupling	Standard / Pressure Eliminator
Coupling Body	Brass
Sleeve	Brass, nickel plated
Valve	Brass hardened
Springs	AISI 301
Locking Balls	AISI 420 C
Seals	NBR/FKM
Valve Holder (up to 100°C)	Zinc Casting
Valve Holder (over 100°C)	Brass

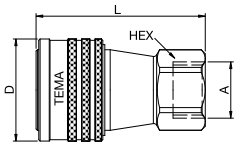
Plug	Standard / Pressure Eliminator
Coupling Body	Steel hardened, zinc plated, passivated
Valve	Brass, hardened
Springs	AISI 301
Seals	NBR/FKM
Valve Holder (up to 100°C)	Zinc Casting
Valve Holder (over 100°C)	Brass

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



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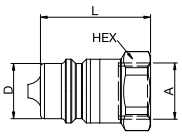
Couplings 5500-Series



Female Thread

Body Size	Connection A	Hex mm	L mm	D mm	Working Pressure connected in bar	Seal	Part Number
1/2"	G 1/2	27	63	38	250	NBR	5510
1/2"	G 1/2	27	63	38	250	FKM	5510 V

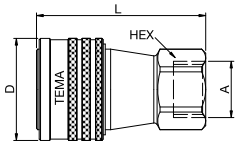
Plugs 5500-Series



Female Thread

Body Size	Connection A	Hex mm	L mm	D mm	Working Pressure connected in bar	Seal	Part Number
1/2"	G 1/2	27	42	20	250	NBR	5520
1/2"	G 1/2	27	42	20	250	FKM	5520 V

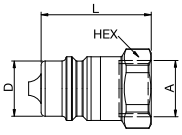
Couplings 5500-Series Pressure Eliminator



PE Female Thread

Body Size	Connection A	Hex mm	L mm	D mm	Working Pressure connected in bar	Seal	Part Number
1/2"	G 1/2	27	63	38	250	NBR	5511
1/2"	G 1/2	27	63	38	250	FKM	5511 V

Plugs 5500-Series Pressure Eliminator



PE Female Thread

Body Size	Connection A	Hex mm	L mm	D mm	Working Pressure connected in bar	Seal	Part Number
1/2"	G 1/2	27	42	20	250	NBR	5521
1/2"	G 1/2	27	42	20	250	FKM	5521 V

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

Seal-Kit 5500-Series

Body Size	Version	Material	Part Number
1/2"	for coupling	NBR	5500-PSN
1/2"	for coupling	FKM	5500-PSV
1/2"	for coupling	EPDM	5500-PSEP

Dust Protection 5500-Series

Body Size	Version	L mm	D mm	Material	Color	Part Number
1/2"	for coupling	242	30	PVC	Blue	5515-QC
1/2"	for plug	264	30	PVC	Blue	5525

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