



Body Size  
**1/2"**

ISO A-Profile

# 5500-Series


**Applications Area**

**Bursting Pressure**

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

**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**

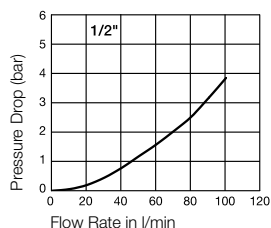
See charts.

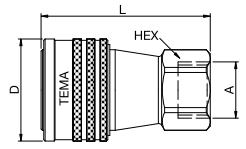
**Working Temperature**

-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:**

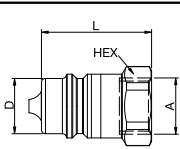

Material Coupling	Standard / Pressure Eliminator
Coupling Body	Brass
Sleeve	Brass, nickel plated
Valve	Brass hardened
Springs	AISI 301
Locking Balls	AISI 420 C
Seals	NBR/FKM
Valve Holder (up to 100°C)	Zinc Casting
Valve Holder (over 100°C)	Brass
Plug	Standard / Pressure Eliminator
Coupling Body	Steel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


**Couplings**
**5500-Series**


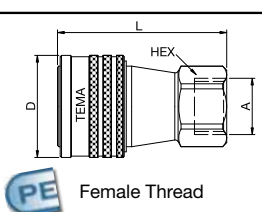
Female Thread

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**


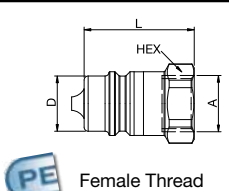
Female Thread

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**


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**


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