Nominal Diameter

5,5 = 24 mm²

Tema Series

1100



Robust design with small dimensions. Series 1100 is used mainly for applications in the area of compressed air and liquids. Optimally suited to smaller pneumatic systems and to compressed air tools with a consumption of up to 900 litres per minute. Coupling systems with two-hand operation, i.e. both hands are required when connect/disconnect.

Series 1100 with additional end connections available on request.

Dust Protections **(P. 250)**
for Coupling Part.-No. 2315-QC
for Plug Part.-No. 125-QC

Working Temperature*
-20°C up to +100°C (NBR)
depending on the medium.

* For temperatures below -20°C and over +100°C and depending on the medium, other seal variants (FKM, EPDM, FFKM) are available.

KA Single Shut-Off

Working Pressure**
30 bar
** maximum static working pressure with design factor 4 to 1.

Material
Coupling: Brass nickel plated and chrome plated
Plug: Steel zinc plated
Seals: NBR

KB Double Shut-Off

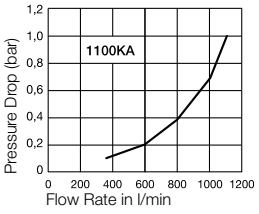
Working Pressure**
20 bar

Material
Coupling: Brass nickel plated and chrome plated
Plug: Brass nickel plated and chrome plated
Seals: NBR

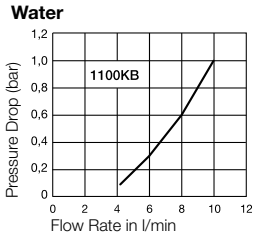
Interchangeability (KA only)
- Tema Design

Flow diagrams

Air



Water



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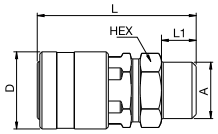
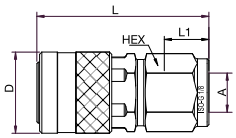
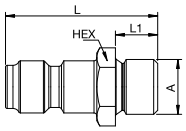
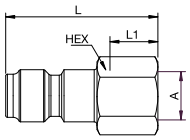
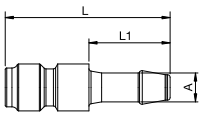
Couplings – with valve — Series 1100KA

	Connection A	HEX mm	L mm	L1 mm	D mm	Part Number
 Male Thread	G 1/4	15	37	8	18	1100KAAW13MPC
 Female Thread	G 1/8	15	38	8	18	1100KAIW10MPC

Plugs – without valve — Series 1100KA

	Connection A	HEX mm	L mm	L1 mm	D mm	Part Number
 Male Thread	G 1/8	12	27	7,5		1100SFAW10SXZ
 Female Thread	G 1/8	12	27	7		1100SFIW10SXZ
 Hose Barb	5 mm		33	16		1100SFTF05SXZ
	6 mm		33	16		1100SFTF06SXZ

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

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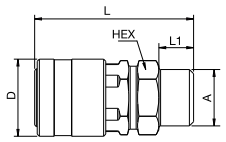
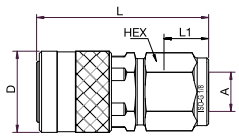
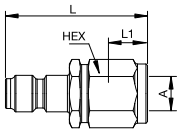
Couplings – with valve — Series 1100KB

	Connection A	HEX mm	L mm	L1 mm	D mm	Part Number
 Male Thread	G 1/4	15	38	8	18	1100KBAW13MPC
 Female Thread	G 1/8	15	37	8	18	1100KBIW10MPC

Plugs – with valve — Series 1100KB

	Connection A	HEX mm	L mm	L1 mm	D mm	Part Number
 Female Thread	G 1/8	15	36	8		1100SBIW10MPC

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Cross-Reference-List

Connection	Thread	Rectus Part Number old	Tema Part Number old	Part Number new	Page
Couplings – with valve					
Male Thread	G 1/4	-	1100 A	**1100KAAW13MPC**	39
Female Thread	G 1/8	-	1100	**1100KAIW10MPC**	39
Plugs – without valve					
Male Thread	G 1/8	-	11110-QC	**1100SFAW10SXZ**	39
Female Thread	G 1/8	-	11410	**1100SFIW10SXZ**	39
Hose Barb	5 mm	-	11005-QC	**1100SFTF05SXZ**	39
	6 mm	-	11006-QC	**1100SFTF06SXZ**	39
Couplings – with valve					
Male Thread	G 1/4	-	1100 NA	**1100KBAW13MPC**	40
Female Thread	G 1/8	-	1100 N	**1100KBIW10MPC**	40
Plugs – with valve					
Female Thread	G 1/8	-	11410 MN	**1100SBIW10MPC**	40

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