Nominal Diameter
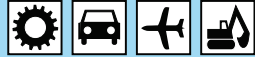
22 = 380 mm²

Technical Description

Series 2100 is used mainly in the area of compressed air. The system is particularly suited to large pneumatic plants and compressed air tools with a very high flow. This series has a special safety function, which requires a turn and push/pull movement during connection and disconnection. It also has an automatic pressure release function, which facilitates easy handling. A coupling system with very high flow rates, robust design, high corrosion resistance and a safety function.

Dust Protections (P. 319)

for Coupling Part.-No. 10026
for Plug Part.-No. 5026-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**

20 bar
** maximum static working pressure with safety factor 4 to 1.
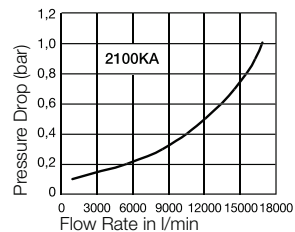
Material

Coupling: Brass / Steel hardened, zinc plated and passivated
Plug: Steel hardened, zinc plated and passivated
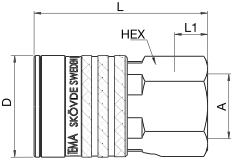**Seals:** NBR

Interchangeability

• Tema Design

Flow diagrams

Air
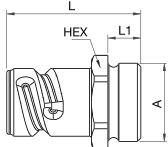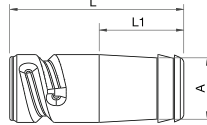
Couplings – with valve — Series 2100KA

Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Version	Part Number
G 1	41		82	14		48				2100KAIW33MPX

Female Thread

Plugs – without valve — Series 2100KA

Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Version	Part Number
G 1	36		57	14						2100SFAW33SXZ

Male Thread

Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Version	Part Number
19 mm			74	36						2100SFTF19SXZ
25 mm			40	36						2100SFTF25SXZ
32 mm			42	43						2100SFTF32SXZ

Hose Barb

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

Cross-Reference-List

Connection	Thread	Rectus Part Number old	Tema Part Number old	Part Number new	Page
Couplings – with valve					
Female Thread	G 1		2100	**2100KAIW33MPX**	177
Plugs – without valve					
Male Thread	G 1		21210	**2100SFAW33SXZ**	177
					177
Hose Barb	19 mm		21019-QC	**2100SFTF19SXZ**	177
	25 mm		21025	**2100SFTF25SXZ**	177
	32 mm		21032-QC	**2100SFTF32SXZ**	177