Brass/Steel

Low Pressure

Nominal Diameter

12,4 = 120 mm²

Tema Series

1900



Robust, corrosion resistant coupling system in brass with high flow values for use with liquids in the pressure range up to 50 bar.
Two-hand operation, i.e. both hands are required when connect/disconnect. The main seal of the coupling has a special disc shape, which extends the durability of the coupling. To guarantee greater flexibility, we also offer plugs with no valve.

Series 1900 with additional end connections available on request.

Working Temperature*
-40°C up to +150°C (EPDM)
depending on the medium.

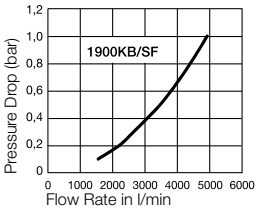
* For temperatures below -40°C and over +150°C and depending on the medium, other seal variants (NBR, FKM, FFKM) are available.

KA Single Shut-Off	KB Double Shut-Off
Working Pressure** 50 bar ** maximum static working pressure with design factor 4 to 1.	50 bar
Material **Coupling:** Brass nickel plated and chrome plated **Plug:** Brass nickel plated and chrome plated **Seals:** EPDM	**Coupling:** Brass nickel plated and chrome plated **Plug:** Brass nickel plated and chrome plated **Seals:** EPDM

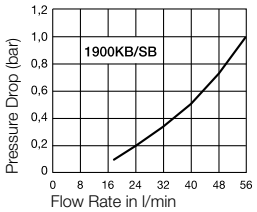
Interchangeability (KA only)
- Tema Design

Flow diagrams

Air

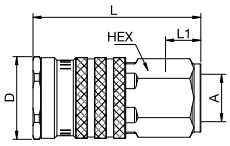


Water



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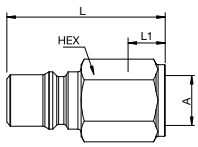
Couplings – with valve — Series 1900KB



Female Thread

Connection A	HEX mm	L mm	L1 mm	D mm	Part Number
G 1/2	27	67	12	33	1900KBIW21MEN
G 3/4	30	68	12	33	1900KBIW26MEN

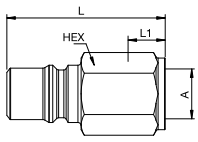
Plugs – without valve — Series 1900SF



Female Thread

Connection A	HEX mm	L mm	L1 mm	D mm	Part Number
G 1/2	27	60	12		1900SFIW21MXC
G 3/4	30	62	12		1900SFIW26MXC

Plugs – with valve — Series 1900SB



Female Thread

Connection A	HEX mm	L mm	L1 mm	D mm	Part Number
G 1/2	27	60	12		1900SBIW21MEC
G 3/4	30	62	12		1900SBIW26MEC

⚠ 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 1/2		1900 NBE	**1900KBIW21MEN**	113
	G 3/4		1900 NCE	**1900KBIW26MEN**	113
Plugs – without valve					
Female Thread	G 1/2		19420 M	**1900SFIW21MXC**	113
	G 3/4		19430 M	**1900SFIW26MXC**	113
Plugs – with valve					
Female Thread	G 1/2		19420 MNE	**1900SBIW21MEC**	113
	G 3/4		19430 MNE	**1900SBIW26MEC**	113

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