

Nominal Diameter

9,5 = 71 mm²


Tema Series

1800


The 1800 series in stainless steel is used mainly for applications in the area of liquids with aggressive media. The coupling system stands out for its robust, compact design and high corrosion resistance. Ultra High Flow valve for optimum flow and low pressure drop.

Series 1800 with additional end connections available on request.

Dust Protections (P. 250)
for Coupling Part.-No. 5026-QC
for Plug Part.-No. 2526-QC

Working Temperature*
-25°C up to +200°C (FKM)
depending on the medium.

* For temperatures below -25°C and over +200°C and depending on the medium, other seal variants (EPDM, FFKM) are available.

Other designs in series 1800

The following other designs can be found from page:

- Brass / Steel P. 94


Working Pressure**

35 bar

** maximum static working pressure with design factor 4 to 1.

50 bar

Features

- Single-hand operation

- Two-hand operation

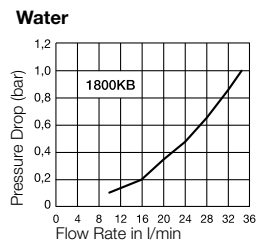
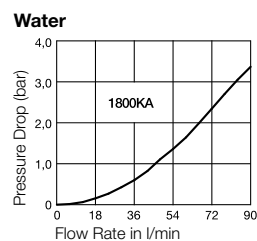
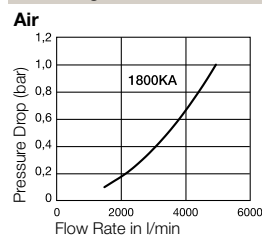
Material

Coupling: AISI 303 / AISI 316
Plug: AISI 303 / AISI 316
Seals: FKM

Coupling: AISI 316
Plug: AISI 316
Seals: FKM

Interchangeability (KA only)

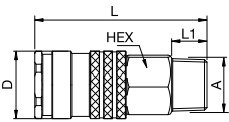
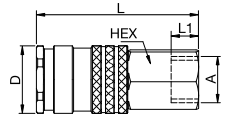
- Tema Design

Flow diagrams




Couplings – with valve

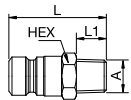
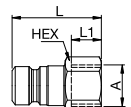
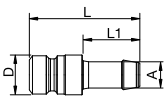
Series 1800KA

	Connection A	HEX mm	L mm	L1 mm	D mm	Version	Part Number
 Male Thread	G 1/2	22	54	13	27	AISI 316	1800KAAW21EVX
 Female Thread	G 3/8	22	54	10	27	AISI 316	1800KAIW17EVX
	G 1/2	24	55	10	27	AISI 316	1800KAIW21EVX



Plugs – without valve

Series 1800KA

	Connection A	HEX mm	L mm	L1 mm	D mm	Version	Part Number
 Male Thread	G 3/8	19	36	10		AISI 316	1800SFAW17EXX
 Female Thread	G 3/8	22	36	10		AISI 316	1800SFIW17EXX
 Hose Barb	6 mm		44	23	16	AISI 303	1800SFTF06RXX

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

Stainless Steel

Low Pressure






Couplings – with valve
Series 1800KB


	Connection A	HEX mm	L mm	L1 mm	D mm	Version	Part Number
<p>Male Thread</p>	G 1/2	22	54	10	27	AISI 316	1800KBAW21EVX
<p>Female Thread</p>	G 3/8	22	54	9	27	AISI 316	1800KBIW17EVX
	G 1/2	24	55	9	27	AISI 316	1800KBIW21EVX


Plugs – with valve
Series 1800KB

	Connection A	HEX mm	L mm	L1 mm	D mm	Version	Part Number
<p>Female Thread</p>	G 3/8	22	49	10		AISI 316	1800SBIW17EVX
	G 1/2	25	50	9		AISI 316	1800SBIW21EVX

Cross-Reference-List

Connection	Thread	Rectus Part Number old	Tema Part Number old	Part Number new	Page
 Couplings – with valve					
Male Thread	G 1/2		1800 ARV	1800KAAW21EVX	161
Female Thread	G 3/8		1800 RV	1800KAIW17EVX	161
	G 1/2		1800 BRV	1800KAIW21EVX	161
 Plugs – without valve					
Male Thread	G 3/8		18210 R	1800SFAW17EXX	161
Female Thread	G 3/8		18410 R	1800SFIW17EXX	161
Hose Barb	6 mm		18006 RF	1800SFTF06RXX	161
 Couplings – with valve					
Male Thread	G 1/2		1800 NARV	1800KBAW21EVX	162
Female Thread	G 3/8		1800 NRV	1800KBIW17EVX	162
	G 1/2		1800 NBRV	1800KBIW21EVX	162
 Plugs – with valve					
Female Thread	G 3/8		18410 RV	1800SBIW17EVX	162
	G 1/2		18422 RV	1800SBIW21EVX	162

 Please consider our security advices on the pages 12/13 