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:

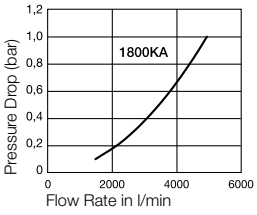
➤ Brass / Steel P. 94

KA Single Shut-Off	KB Double Shut-Off
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

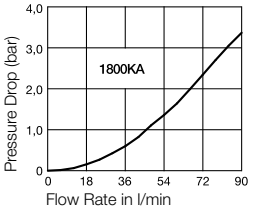
Interchangeability (KA only)
• Tema Design

Flow diagrams

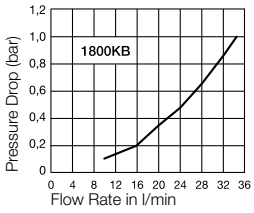
Air



Water

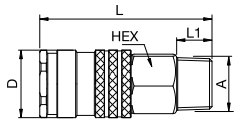
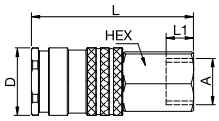


Water

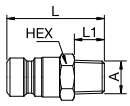
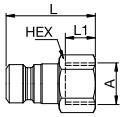
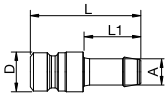


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Couplings – with valve — Series 1800KA

	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

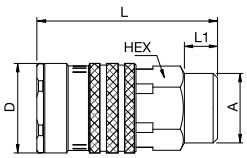
Plugs – without valve — Series 1800KA

	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 ⚠

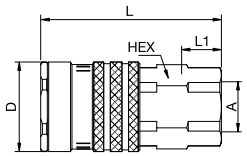
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Couplings – with valve — Series 1800KB



Male Thread

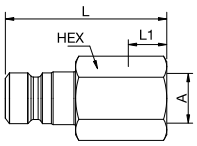
Connection A	HEX mm	L mm	L1 mm	D mm	Version	Part Number
G 1/2	22	54	10	27	AISI 316	1800KBAW21EVX



Female Thread

Connection A	HEX mm	L mm	L1 mm	D mm	Version	Part Number
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



Female Thread

Connection A	HEX mm	L mm	L1 mm	D mm	Version	Part Number
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 ⚠

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