

Nominal Diameter

10 = 80 mm²



Tema Series

1800



Technical Description

Series 1800 is used mainly for applications in the area of compressed air and liquids. The coupling system stands out for its robust, compact design, high flow and high corrosion resistance due to the Ultra HighFlow valve.

Dust Protections  (P. 325)
for Coupling Part.-No. 5026-QC
for Plug Part.-No. 2526-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.



Working Pressure**

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

50 bar

Other designs in series 1800
The following other designs can be found from page:

- Stainless Steel P. 220

Features

- | | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> • Single-hand operation • Particularly suited to medium-sized to large pneumatic systems and compressed air tools | <ul style="list-style-type: none"> • Two-hand operation • Special disc shape of the main seal in the coupling extends the durability • Particularly suited to applications in the area of liquids, which require a coupling that is simple and easy to handle |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

Material

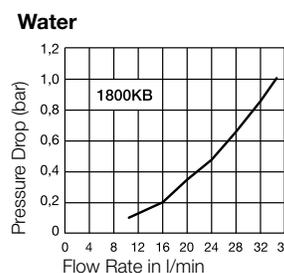
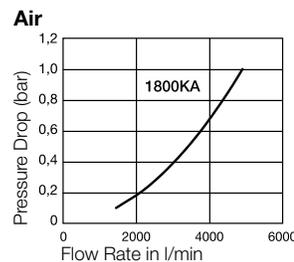
Coupling: Brass nickel plated and chrome plated
Plug: Steel hardened, zinc plated
Seals: NBR

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

Interchangeability

- Rectus 32
- Cejn 408

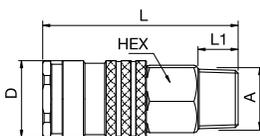
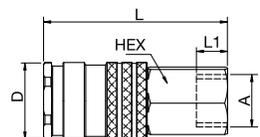
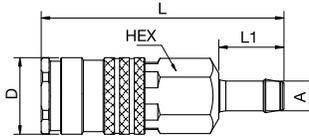
Flow diagrams





Couplings – with valve

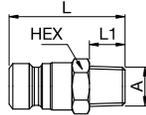
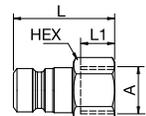
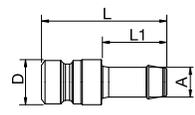
Series 1800KA

	Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Version	Part Number
 <p>Male Thread</p>	R 3/8	23		69	11		27				1800KAAK17MPN
	R 1/2	23		69	13		27				1800KAAK21MPN
	R 3/4	27		73	15		27				1800KAAK26MPN
 <p>Female Thread</p>	G 3/8	23		65	10		27				1800KAIW17MPN
	G 1/2	25		65	10		27				1800KAIW21MPN
	G 3/4	30		67	11		27				1800KAIW26MPN
 <p>Hose Barb</p>	10 mm	23		82	23		27				1800KATF10MPN
	13 mm	23		82	24		27				1800KATF13MPN
	16 mm	23		82	24		27				1800KATF16MPN
	19 mm	23		82	24		27				1800KATF19MPN



Plugs – without valve

Series 1800KA

	Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Version	Part Number	
 <p>Male Thread</p>	R 1/8	17		36	10						1800SFAK10SXZ	
	R 1/4	17		39	12						1800SFAK13SXZ	
	G 1/4	17		35	9						1800SFAW13SXZ	
	R 3/8	17		38	12						1800SFAK17SXZ	
	G 3/8	22		36	10						1800SFAW17SXZ	
	R 1/2	22		40	14							1800SFAK21SXZ
	R 3/4	27		43	16							1800SFAK26SXZ
 <p>Female Thread</p>	G 1/4	17		36	10						1800SFIW13SXZ	
	G 3/8	22		36	10						1800SFIW17SXZ	
	G 1/2	27		39	12						1800SFIW21SXZ	
 <p>Hose Barb</p>	6 mm			44	23		16				1800SFTF06SXZ	
	8 mm			44	23		16				1800SFTF08SXZ	
	10 mm			44	23		16				1800SFTF10SXZ	
	13 mm			45	24		16				1800SFTF12SXZ	
	16 mm			47	24		18				1800SFTF16SXZ	
	19 mm			47	24		23					1800SFTF19SXZ



Couplings – with valve

Series 1800KB

	Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Version	Part Number
<p>Male Thread</p>	R 1/2	22		54	10		27				1800KBAK21MPN
<p>Female Thread</p>	G 3/8	22		54	9		27				1800KBIW17MPN
	G 1/2	25		55	9		27				1800KBIW21MPN
	G 3/4	30		57	11		27				1800KBIW26MPN



Plugs – with valve

Series 1800KB

	Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Version	Part Number
<p>Male Thread</p>	1/2 - 14NPTF	22		47	19						1800SBAN21MPC
<p>Female Thread</p>	G 3/8	22		49	10						1800SBIW17MPC
	G 3/4	30		54	12						1800SBIW26MPC

Protective Sleeve

Series 1800KB

	Description	L mm	D mm	Version	Color	Part Number
	for Couplings 1800KB	78	38	EBA	blue	1800-351