Nominal Diameter

10 = 80 mm²

Tema Series

1800



energy saver

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 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*
-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.

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

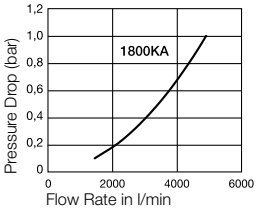
➤ Stainless Steel P. 160

	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 • Particularly suited to medium-sized to large pneumatic systems and compressed air tools	• 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

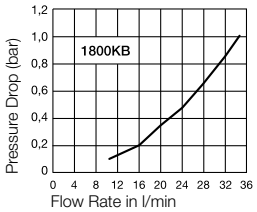
Interchangeability (KA only)
• Cejn 408

Flow diagrams

Air

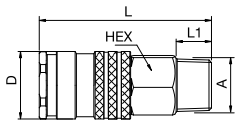
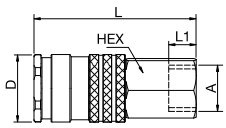
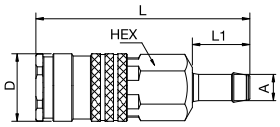


Water

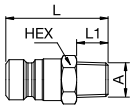
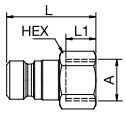
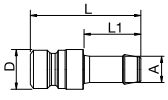


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Couplings – with valve — Series 1800KA

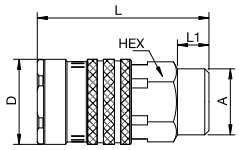
	Connection A	HEX mm	L mm	L1 mm	D mm	Part Number
 Male Thread	R 3/8	23	69	11	27	1800KAAK17MPN
	R 1/2	23	69	13	27	1800KAAK21MPN
	R 3/4	27	73	15	27	1800KAAK26MPN
 Female Thread	G 3/8	23	65	10	27	1800KAIW17MPN
	G 1/2	25	65	10	27	1800KAIW21MPN
	G 3/4	30	67	11	27	1800KAIW26MPN
 Hose Barb	10 mm	23	82	23	27	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	L mm	L1 mm	D mm	Part Number
 Male Thread	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
 Female Thread	G 1/4	17	36	10		1800SFIW13SXZ
	G 3/8	22	36	10		1800SFIW17SXZ
	G 1/2	27	39	12		1800SFIW21SXZ
 Hose Barb	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

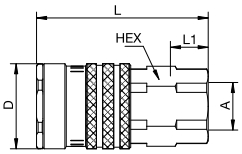
⚠ Please consider our security advices on the pages 12/13 ⚠

Couplings – with valve — Series 1800KB



Male Thread

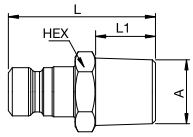
Connection A	HEX mm	L mm	L1 mm	D mm	Part Number
G 1/2	22	54	10	27	1800KBAW21MPN



Female Thread

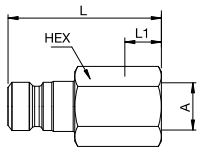
Connection A	HEX mm	L mm	L1 mm	D mm	Part Number
G 3/8	22	54	9	27	1800KBIW17MPN
G 1/2	25	55	9	27	1800KBIW21MPN
G 3/4	30	57	11	27	1800KBIW26MPN

Plugs – with valve — Series 1800KB



Male Thread

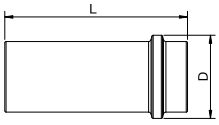
Connection A	HEX mm	L mm	L1 mm	D mm	Part Number
1/2 - 14NPTF	22	47	19		1800SBAN21MPC



Female Thread

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

Cross-Reference-List

Connection	Thread	Rectus Part Number old	Tema Part Number old	Part Number new	Page
Couplings – with valve					
Male Thread	R 3/8		1800 ED	**1800KAAK17MPN**	95
	R 1/2	32KAAK21MPN	1800 EA	**1800KAAK21MPN**	95
	R 3/4		1800 EF	**1800KAAK26MPN**	95
Female Thread	G 3/8	32KAIW17MPN	1800 E	**1800KAIW17MPN**	95
	G 1/2	32KAIW21MPN	1800 EB	**1800KAIW21MPN**	95
	G 3/4		1800 EC	**1800KAIW26MPN**	95
Hose Barb	10 mm	32KATF10MPN	1800 EK10	**1800KATF10MPN**	95
	13 mm	32KATF13MPN	1800 EK12	**1800KATF13MPN**	95
	16 mm	32KATF16MPN	1800 EK16	**1800KATF16MPN**	95
	19 mm	32KATF19MPN	1800 EK19	**1800KATF19MPN**	95
Plugs – without valve					
Male Thread	R 1/8		18105	**1800SFAK10SXZ**	95
	R 1/4	32SFAK13SXZ	18110 A	**1800SFAK13SXZ**	95
	G 1/4		18110	**1800SFAW13SXZ**	95
	R 3/8	32SFAK17SXZ	18210 A	**1800SFAK17SXZ**	95
	G 3/8		18210	**1800SFAW17SXZ**	95
	R 1/2	32SFAK21SXZ	18220	**1800SFAK21SXZ**	95
	R 3/4		18230	**1800SFAK26SXZ**	95
Female Thread	G 1/4	32SFIW13SXZ	18405	**1800SFIW13SXZ**	95
	G 3/8	32SFIW17SXZ	18410	**1800SFIW17SXZ**	95
	G 1/2	32SFIW21SXZ	18420	**1800SFIW21SXZ**	95
Hose Barb	6 mm	32SFTF06SXZ	18006	**1800SFTF06SXZ**	95
	8 mm	32SFTF08SXZ	18008	**1800SFTF08SXZ**	95
	10 mm	32SFTF10SXZ	18010	**1800SFTF10SXZ**	95
	12 mm		18012	**1800SFTF12SXZ**	95
	16 mm	32SFTF16SXZ	18016	**1800SFTF16SXZ**	95
	19 mm	32SFTF19SXZ	18019	**1800SFTF19SXZ**	95

⚠ 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					
Male Thread	G 1/2		1800 NA	**1800KBAW21MPN**	96
Female Thread	G 3/8		1800 N	**1800KBIW17MPN**	96
	G 1/2		1800 NB	**1800KBIW21MPN**	96
	G 3/4		1800 NC	**1800KBIW26MPN**	96
Plugs – with valve					
Male Thread	1/2 - 14NPTF		18420 MN	**1800SBAN21MPC**	96
Female Thread	G 3/8		18410 MN	**1800SBIW17MPC**	96
	G 3/4		18430 MN	**1800SBIW26MPC**	96

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