

Brass/Steel

Nominal Diameter

7,4 = 43 mm²



Tema Series

1300

Low Pressure



energy saver

Series 1300 is used mainly for applications in the area of compressed air and liquids. Optimally suited to smaller to medium-sized pneumatic systems and to compressed air tools. The coupling series stands out for its compact design and high flow rates with the Ultra High Flow valve. Coupling body made of nitrocarburized steel.

Series 1300 with additional end connections available on request.

Dust Protections (P. 250)
for Coupling Part.-No. 1315-QC
for Plug Part.-No. 1325-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 1300

The following other designs can be found from page:

- Stainless Steel P. 146



Working Pressure**

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

50 bar

Features

- Single-hand operation
- Two-hand operation
- Special sealing system in the coupling increases the service life of the coupling

Material

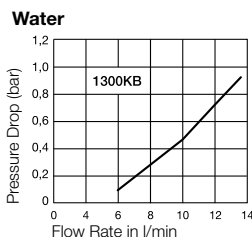
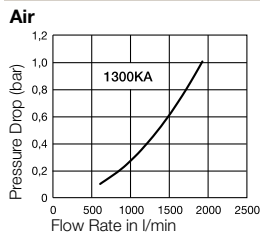
Coupling: Brass nickel plated and chrome plated
Plug: Steel zinc plated
Seals: NBR

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

Interchangeability (KA only)

- Cejn 303

Flow diagrams





Couplings – with valve

Series 1300KA

	Connection A	HEX mm	L mm	L1 mm	D mm	Part Number
<p>Male Thread</p>	R 1/4	19	58	12	22	1300KAAK13MPN
	R 3/8	19	56	12	22	1300KAAK17MPN
	R 1/2	23	59	14	26	1300KAAK21MPN
<p>Female Thread</p>	G 1/4	19	55	9	22	1300KAIW13MPN
	G 3/8	20	55	10	22	1300KAIW17MPN
<p>Hose Barb</p>	6 mm	19	78	23	22	1300KATF06MPN
	8 mm	19	78	23	22	1300KATF08MPN
	10 mm	19	78	23	22	1300KATF10MPN
	13 mm	19	77	24	22	1300KATF13MPN



Plugs – without valve

Series 1300KA

	Connection A	HEX mm	L mm	L1 mm	D mm	Part Number
<p>Male Thread</p>	R 1/8	13	35	9		1300SFAK10SXZ
	R 1/4	17	38	12		1300SFAK13SXZ
	G 1/4	17	35	12		1300SFAW13SXZ
	R 3/8	17	38	12		1300SFAK17SXZ
	R 1/2	22	40	14		1300SFAK21SXZ
<p>Female Thread</p>	G 1/8	13	32	8,5		1300SFIW10SXZ
	G 1/4	17	36	10		1300SFIW13SXZ
	G 3/8	22	36	10		1300SFIW17SXZ
	G 1/2	27	39	12		1300SFIW21SXZ
<p>Hose Barb</p>	6 mm		44	23	12	1300SFTF06SXZ
	8 mm		44	23	12	1300SFTF08SXZ
	10 mm		44	24	12	1300SFTF10SXZ
	12 mm		47	23	12	1300SFTF12SXZ
<p>Recoil Eliminator, with Female Thread</p>	G 1/4	20	53	12		1300SRIW13SXZ

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

Brass/Steel

Low Pressure

Couplings – with valve **Series 1300KB**

	Connection A	HEX mm	L mm	L1 mm	D mm	Part Number
<p>Male Thread</p>	G 3/8	18	49	7,5	22	1300KBAW17MPN
<p>Female Thread</p>	G 1/4	18	49	8	22	1300KBIW13MPN
	G 3/8	18	50	8	22	1300KBIW17MPN





Plugs – with valve **Series 1300KB**


	Connection A	HEX mm	L mm	L1 mm	D mm	Part Number
<p>Female Thread</p>	G 1/4	18	44	9		1300SBIW13MPC

Protective Sleeve **Series 1300KB**

	Description	L mm	D mm	Material	Color	Part Number
<p>Female Thread</p>	for Couplings 1300KB	73	33	EBA	blue	1300-351

Cross-Reference-List

Connection	Thread	Rectus Part Number old	Tema Part Number old	Part Number new	Page
 Couplings – with valve					
Male Thread	R 1/4	31KAAK13SPN	1300 EC	1300KAAK13MPN	65
	R 3/8	31KAAK17SPN	1300 EA	1300KAAK17MPN	65
	R 1/2	31KAAK21SPN	1300 ED	1300KAAK21MPN	65
Female Thread	G 1/4	31KAIW13SPN	1300 E	1300KAIW13MPN	65
	G 3/8	31KAIW17SPN	1300 EB	1300KAIW17MPN	65
Hose Barb	6 mm	31KATF06SPN	1300 EK06	1300KATF06MPN	65
	8 mm	31KATF08SPN	1300 EK08	1300KATF08MPN	65
	10 mm	31KATF10SPN	1300 EK10	1300KATF10MPN	65
	13 mm	31KATF13SPN	1300 EK12	1300KATF13MPN	65
 Plugs – without valve					
Male Thread	R 1/8	31SFAK10SXZ	13110-QC	1300SFAK10SXZ	65
	R 1/4	31SFAK13SXZ	13210 A	1300SFAK13SXZ	65
	G 1/4	31SFAW13SXZ	13210-QC	1300SFAW13SXZ	65
	R 3/8	31SFAK17SXZ	13220	1300SFAK17SXZ	65
	R 1/2	31SFAK21SXZ	13230	1300SFAK21SXZ	65
Female Thread	G 1/8	31SFIW10SXZ	13405	1300SFIW10SXZ	65
	G 1/4	31SFIW13SXZ	13410	1300SFIW13SXZ	65
	G 3/8	31SFIW17SXZ	13420	1300SFIW17SXZ	65
	G 1/2	31SFIW21SXZ	13430-QC	1300SFIW21SXZ	65
Hose Barb	6 mm	31SFTF06SXZ	13006	1300SFTF06SXZ	65
	8 mm	31SFTF08SXZ	13008-QC	1300SFTF08SXZ	65
	10 mm	31SFTF10SXZ	13010-QC	1300SFTF10SXZ	65
	12 mm	31SFTF13SXZ	13012-QC	1300SFTF12SXZ	65
Recoil Eliminator	G 1/4	-	13410 S	1300SRIW13SXZ	65
 Couplings – with valve					
Male Thread	G 3/8	-	1300 NA	1300KBAW17MPN	66
Female Thread	G 1/4	-	1300 N	1300KBIW13MPN	66
	G 3/8	-	1300 NB	1300KBIW17MPN	66
 Plugs – with valve					
Female Thread	G 1/4	-	13410 MN	1300SBIW13MPC	66

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