Nominal Diameter

7,4 = 43 mm²

Tema Series

1300

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:

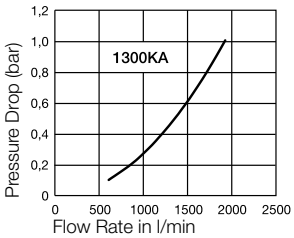
➤ Stainless Steel P. 146

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 • 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

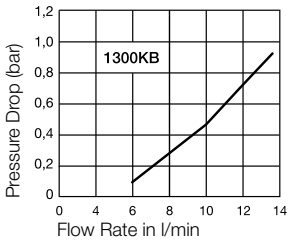
Interchangeability (KA only)
- Cejn 303

Flow diagrams

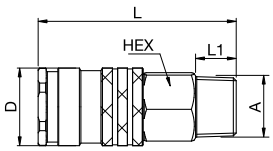
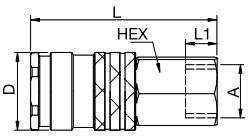
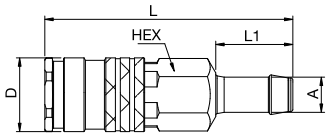
Air



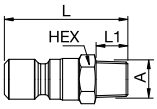
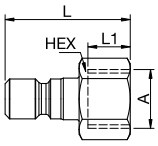
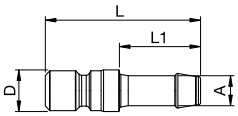
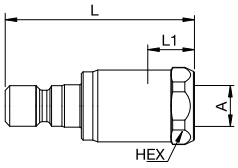
Water



Couplings – with valve — Series 1300KA

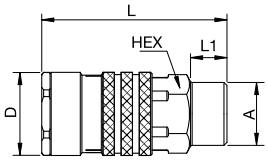
	Connection A	HEX mm	L mm	L1 mm	D mm	Part Number
 Male Thread	R 1/4	19	58	12	22	1300KAAK13MPN
	R 3/8	19	56	12	22	1300KAAK17MPN
	R 1/2	23	59	14	26	1300KAAK21MPN
 Female Thread	G 1/4	19	55	9	22	1300KAIW13MPN
	G 3/8	20	55	10	22	1300KAIW17MPN
 Hose Barb	6 mm	19	78	23	22	1300KATF06MPN
	8 mm	19	78	23	22	1300KATF08MPN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

Plugs – without valve — Series 1300KA

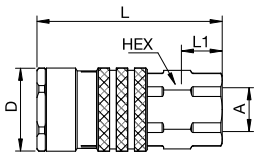
	Connection A	HEX mm	L mm	L1 mm	D mm	Part Number
 Male Thread	R 1/8	13	35	9		1300SFAK10SXZ
	R 1/4	17	38	12		1300SFAK13SXZ
	G 1/4	17	35	12		1300SFAW13SXZ
	R 3/8	17	38	12		1300SFAK17SXZ
	R 1/2	22	40	14		1300SFAK21SXZ
 Female Thread	G 1/8	13	32	8,5		1300SFIW10SXZ
	G 1/4	17	36	10		1300SFIW13SXZ
	G 3/8	22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

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

Couplings – with valve — Series 1300KB



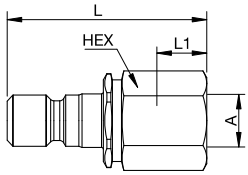
Male Thread



Female Thread

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

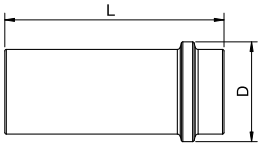
Plugs – with valve — Series 1300KB



Female Thread

Connection A	HEX mm	L mm	L1 mm	D mm	Part Number
G 1/4	18	44	9		1300SBIW13MPC

Protective Sleeve — Series 1300KB



Female Thread

Description	L mm	D mm	Material	Color	Part Number
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

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