

Nominal Diameter

7,4 = 43 mm²



Tema Series

1300



Other designs in series 1300

The following other designs can be found from page:

► Stainless Steel

P. 204

Technical Description

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 UltraFlo valve. Coupling body made of nitrocarburized steel.

Dust Protections  (P. 319)
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.



Working Pressure**

35 bar

** maximum static working pressure with safety 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

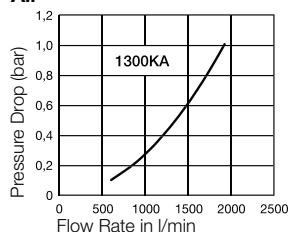
Seals: NBR

Interchangeability

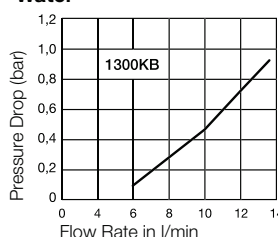
- Rectus Serie 31
- Cejn 303

Flow diagrams

Air



Water





Couplings – with valve

Series 1300KA

	Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Version	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	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Version	Part Number
 Male Thread	R 1/8	13		35	9						1300SFAK10SXZ
	R 1/4	14		38	12						1300SFAK13SXZ
	G 1/4	14		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	16		36	10						1300SFIW13SXZ
	G 3/8	20		36	10						1300SFIW17SXZ
	G 1/2	25		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



Couplings – with valve

Series 1300KB

	Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Version	Part Number
 Male Thread	R 3/8	18		49	7,5		22				1300KBAK17MPN
 Female Thread	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	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Version	Part Number
 Female Thread	G 1/4	18		44	9						1300SBIW13MPC

Protective Sleeve

Series 1300KB

	Description	L mm	L1 mm	L2 mm	D mm	B mm	Material	Color	Part Number
 Female Thread	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	75
	R 3/8	31KAAK17SPN	1300 EA	1300KAAK17MPN	75
	R 1/2	31KAAK21SPN	1300 ED	1300KAAK21MPN	75
Female Thread	G 1/4	31KAIW13SPN	1300 E	1300KAIW13MPN	75
	G 3/8	31KAIW17SPN	1300 EB	1300KAIW17MPN	75
Hose Barb	6 mm	31KATF06SPN	1300 EK06	1300KATF06MPN	75
	8 mm	31KATF08SPN	1300 EK08	1300KATF08MPN	75
	10 mm	31KATF10SPN	1300 EK10	1300KATF10MPN	75
	13 mm	31KATF13SPN	1300 EK12	1300KATF13MPN	75
 Plugs – without valve					
Male Thread	R 1/8	31SFAK10SXZ	13110-QC	1300SFAK10SXZ	75
	R 1/4	31SFAK13SXZ	13210 A	1300SFAK13SXZ	75
	G 1/4	31SFAW10SXZ	13210-QC	1300SFAW13SXZ	75
	R 3/8	31SFAK17SXZ	13220	1300SFAK17SXZ	75
	R 1/2	31SFAK21SXZ	13230	1300SFAK21SXZ	75
Female Thread	G 1/8	31SFIW10SXZ	13405	1300SFIW10SXZ	75
	G 1/4	31SFIW13SXZ	13410	1300SFIW13SXZ	75
	G 3/8	31SFIW17SXZ	13420	1300SFIW17SXZ	75
	G 1/2	31SFIW21SXZ	13430-QC	1300SFIW21SXZ	75
Hose Barb	6 mm	31SFTF06SXZ	13006	1300SFTF06SXZ	75
	8 mm	31SFTF08SXZ	13008-QC	1300SFTF08SXZ	75
	10 mm	31SFTF10SXZ	13010-QC	1300SFTF10SXZ	75
	12 mm	31SFTF13SXZ	13012-QC	1300SFTF12SXZ	75
Recoil Eliminator	G 1/4	-	13410 S	1300SRIW13SXZ	75
 Couplings – with valve					
Male Thread	R 3/8	-	1300 NA	1300KBAK17MPN	76
Female Thread	G 1/4	-	1300 N	1300KBIW13MPN	76
	G 3/8	-	1300 NB	1300KBIW17MPN	76
 Plugs – with valve					
Female Thread	G 1/4	-	13410 MN	1300SBIW13MPC	76