

**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

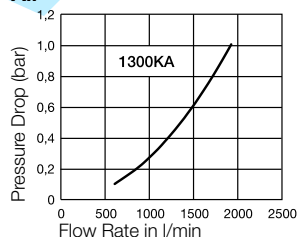
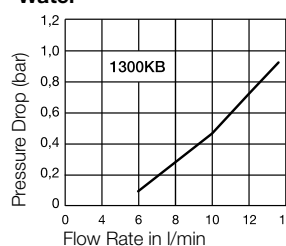
**Coupling:** Brass nickel plated and chrome plated

**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	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



## 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
 <b>Couplings – with valve</b>					
Male Thread	R 1/4	31KAAK13SPN	1300 EC	<b>1300KAAK13MPN</b>	75
	R 3/8	31KAAK17SPN	1300 EA	<b>1300KAAK17MPN</b>	75
	R 1/2	31KAAK21SPN	1300 ED	<b>1300KAAK21MPN</b>	75
Female Thread	G 1/4	31KAIW13SPN	1300 E	<b>1300KAIW13MPN</b>	75
	G 3/8	31KAIW17SPN	1300 EB	<b>1300KAIW17MPN</b>	75
Hose Barb	6 mm	31KATF06SPN	1300 EK06	<b>1300KATF06MPN</b>	75
	8 mm	31KATF08SPN	1300 EK08	<b>1300KATF08MPN</b>	75
	10 mm	31KATF10SPN	1300 EK10	<b>1300KATF10MPN</b>	75
	13 mm	31KATF13SPN	1300 EK12	<b>1300KATF13MPN</b>	75
 <b>Plugs – without valve</b>					
Male Thread	R 1/8	31SFAK10SXZ	13110-QC	<b>1300SFAK10SXZ</b>	75
	R 1/4	31SFAK13SXZ	13210 A	<b>1300SFAK13SXZ</b>	75
	G 1/4	31SFAW10SXZ	13210-QC	<b>1300SFAW13SXZ</b>	75
	R 3/8	31SFAK17SXZ	13220	<b>1300SFAK17SXZ</b>	75
	R 1/2	31SFAK21SXZ	13230	<b>1300SFAK21SXZ</b>	75
Female Thread	G 1/8	31SFIW10SXZ	13405	<b>1300SFIW10SXZ</b>	75
	G 1/4	31SFIW13SXZ	13410	<b>1300SFIW13SXZ</b>	75
	G 3/8	31SFIW17SXZ	13420	<b>1300SFIW17SXZ</b>	75
	G 1/2	31SFIW21SXZ	13430-QC	<b>1300SFIW21SXZ</b>	75
Hose Barb	6 mm	31SFTF06SXZ	13006	<b>1300SFTF06SXZ</b>	75
	8 mm	31SFTF08SXZ	13008-QC	<b>1300SFTF08SXZ</b>	75
	10 mm	31SFTF10SXZ	13010-QC	<b>1300SFTF10SXZ</b>	75
	12 mm	31SFTF13SXZ	13012-QC	<b>1300SFTF12SXZ</b>	75
Recoil Eliminator	G 1/4	-	13410 S	<b>1300SRIW13SXZ</b>	75
 <b>Couplings – with valve</b>					
Male Thread	R 3/8	-	1300 NA	<b>1300KBAK17MPN</b>	76
Female Thread	G 1/4	-	1300 N	<b>1300KBIW13MPN</b>	76
	G 3/8	-	1300 NB	<b>1300KBIW17MPN</b>	76
 <b>Plugs – with valve</b>					
Female Thread	G 1/4	-	13410 MN	<b>1300SBIW13MPC</b>	76