

Brass/Steel

Nominal Diameter

**1,5** = 1,8 mm<sup>2</sup>



Rectus Series

**02**

Low Pressure



Smallest mini industrial coupling for air and gas applications. Primarily in medicine, didactics and model building. Specific application for liquids due to size. Coupling system with single-hand operation. Extremely small dimensions.

Series 02 in brass material without nickel plating and with additional end connections available on request.

**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 design factor 4 to 1.

**Material**

**Coupling:** Brass nickel plated

**Plug:** Brass nickel plated

**Seals:** NBR

**Technical Description**

**Connecting Force 0 bar:** 7 N

**Connecting Force 6 bar:** 19 N

**Vacuum Coupling:** 96%

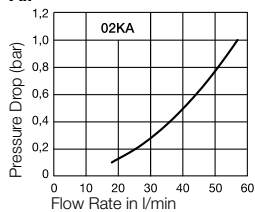
**Vacuum connected:** 96%

**Interchangeability (KA only)**

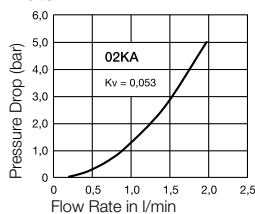
- Rectus Design

**Flow diagrams**

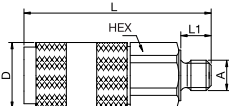
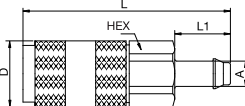
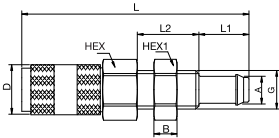
**Air**



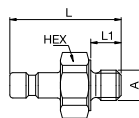
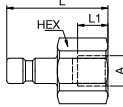
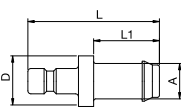
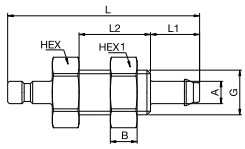
**Water**



## Couplings – with valve Series 02KA

	Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Part Number
 Male Thread	M 3	6		19	3		6,5			02KAAM03MPN
 Hose Barb	2 mm	6		21	5,5		6,5			02KATF02MPN
	3 mm	6		22	5,5		6,5			02KATF03MPN
 Panel Mount with Hose Barb	2 mm	7	7	29	5,5	8	6,5	3	M 5	02KATS02MPN
	3 mm	7	7	30	6,5	8	6,5	3	M 5	02KATS03MPN

## Plugs – without valve Series 02KA

	Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Part Number
 Male Thread	M 3	6		11	3					02SFAM03MXN
 Female Thread	M 3	6		10	3					02SFIM03MXN
 Hose Barb	2 mm			12	5,5		4			02SFTF02MXN
 Panel Mount with Hose Barb	2 mm	7	7	22	5,5	8		3	M 5	02SFTS02MXN

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