

Brass/Steel

Nominal Diameter

1,5 = 1,8 mm²



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%

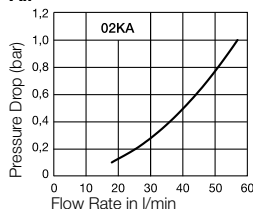
Vacuum connected: 96%

Interchangeability (KA only)

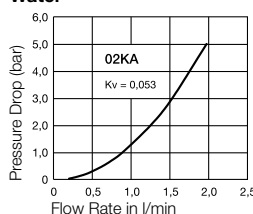
- Rectus Design

Flow diagrams

Air



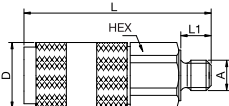
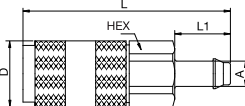
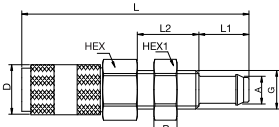
Water





Couplings – with valve

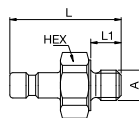
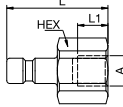
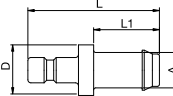
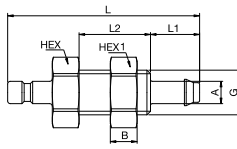
Series 02KA

	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 ⚠