Nominal Diameter

1,5 = 1,8 mm²

Rectus Series

02



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.

KA Single Shut-Off

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

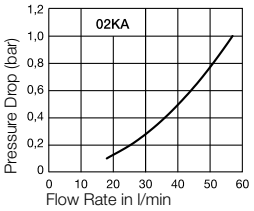
Vacuum Coupling: 96%
Vacuum connected: 96%

Interchangeability (KA only)

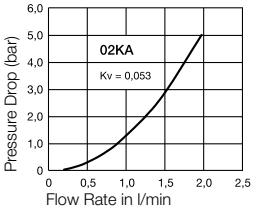
- Rectus Design

Flow diagrams

Air

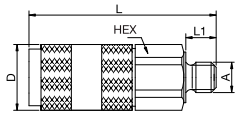
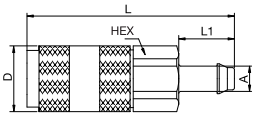
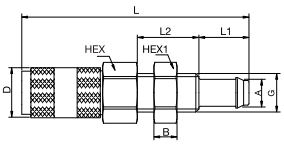


Water

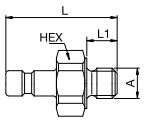
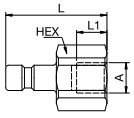
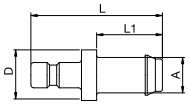
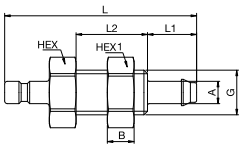


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Couplings – with valve — Series 02KA

	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 ⚠

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