

Nominal Diameter

3 = 7 mm²

Rectus Series

303

Mini industrial coupling with plug profile according to ISO 6150 C. Popular profile in analytical and medical technology. Above average flow rate performance for liquid and gaseous media.

Series 303 with additional end connections available on request.

Working Temperature*

-15°C up to +200°C (FKM)
depending on the medium.

* For temperatures below -15°C and over +200°C and depending on the medium, other seal variants (EPDM, FFKM) are available.

**Working Pressure****

35 bar

** maximum static working pressure with design factor 4 to 1.

Material

Coupling: AISI 316L

Plug: AISI 316L

Seals: FKM

Technical Description

Dead space volume: 0,35 ml

Connecting Force 0 bar: 30 N

Connecting Force 6 bar: 60 N

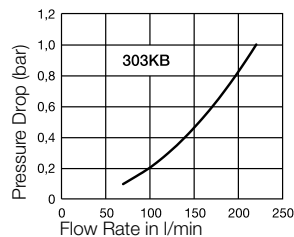
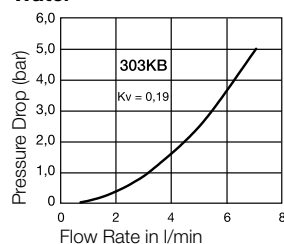
Vacuum Coupling: 96%

Vacuum Plug: 96%

Vacuum connected: 96%

Interchangeability (KA only)

- ISO 6150 C

Flow diagrams**Air****Water**



Couplings – with valve

Series 303KB

	Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Version	Part Number
<p>Male Thread</p>	G 1/8	14		43	7		18			AISI 316L	303KBAW10EVX
	G 1/4	17		45	9		18			AISI 316L	303KBAW13EVX
<p>Female Thread</p>	G 1/8	14		43	9		18			AISI 316L	303KBIW10EVX
	G 1/4	17		45	9		18			AISI 316L	303KBIW13EVX
<p>with Plastic Hose Connection</p>	4 x 6 mm	14	12	49	7	6	18		M 10 x 1	AISI 316L	303KBKO06EVX
	6 x 8 mm	14	14	49	7	6	18		M 12 x 1	AISI 316L	303KBKO08EVX



Plugs – with valve

Series 303KB

	Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Version	Part Number
<p>Male Thread</p>	G 1/8	14		48,5	7					AISI 316L	303SBAW10EVX
	G 1/4	17		50,5	9					AISI 316L	303SBAW13EVX
<p>Female Thread</p>	G 1/8	14		48,5	9					AISI 316L	303SBIW10EVX
	G 1/4	17		50,5	9					AISI 316L	303SBIW13EVX
<p>with Plastic Hose Connection</p>	4 x 6 mm	14	12	54,5	7	6			M 10 x 1	AISI 316L	303SBKO06EVX
	6 x 8 mm	14	14	54,5	7	6			M 12 x 1	AISI 316L	303SBKO08EVX