Nominal Diameter

5,5 = 25 mm²

Rectus Series

19



English industrial profile.
Coupling system with single-hand operation. High Flow valve for optimum flow and low pressure drop. Robust coupling in slim design mainly for pneumatic applications. The steel sleeve counters oscillating forces. The high insertion depth is guaranteed by an optimised plug guide.

Series 19 with additional end connections available on request.

Dust Protections **(P. 250)**
for Coupling Part.-No. SK23S

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 / Steel nickel plated
Plug: Steel nickel plated
Seals: NBR

Technical Description

Connecting Force 0 bar: 70 N
Connecting Force 6 bar: 180 N

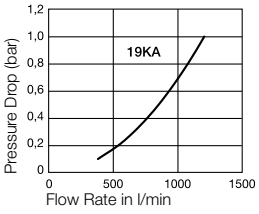
Vacuum Coupling: 87%
Vacuum connected: 87%

Interchangeability (KA only)

- PCL 60 (UK)

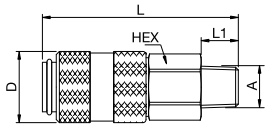
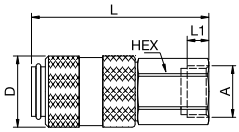
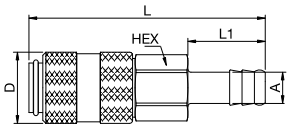
Flow diagrams

Air

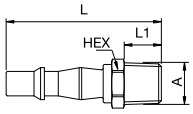
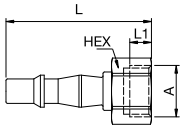
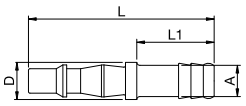


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Couplings – with valve — Series 19KA

	Connection A	HEX mm	L mm	L1 mm	D mm	Part Number
 Male Thread	R 1/4	19	63	12	23	19KAAK13MPN
	R 3/8	19	62	12	23	19KAAK17MPN
	R 1/2	22	68	17	23	19KAAK21MPN
 Female Thread	G 1/4	19	58	9	23	19KAIW13MPN
	G 3/8	19	58	9	23	19KAIW17MPN
	G 1/2	24	60	12	23	19KAIW21MPN
 Hose Barb	6 mm	19	76	25	23	19KATF06MPN
	8 mm	19	76	25	23	19KATF08MPN
	10 mm	19	76	25	23	19KATF10MPN
	13 mm	19	76	25	23	19KATF13MPN

Plugs – without valve — Series 19KA

	Connection A	HEX mm	L mm	L1 mm	D mm	Part Number
 Male Thread	R 1/4	14	50	12		19SFAK13SXN
 Female Thread	G 1/4	17	46	9		19SFIW13SXN
 Hose Barb	6 mm		60	25	12	19SFTF06SXN
	8 mm		60	25	12	19SFTF08SXN
	10 mm		60	25	12	19SFTF10SXN

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