Nominal Diameter

5,5 = 25 mm²

Rectus Series

18



Robust industrial coupling according to ISO 6150 C. Coupling system with single-hand operation. High Flow valve for optimum flow and low pressure drop. The steel sleeve counters oscillating forces. System has limited use for liquids (steel sleeve/zinc die cast valve). The high insertion depth is guaranteed by an optimised plug guide.

Series 18 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: 40 N
Connecting Force 6 bar: 110 N

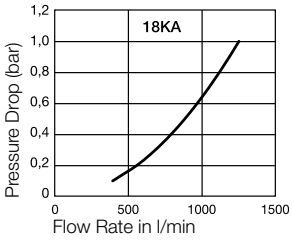
Vacuum Coupling: 96%
Vacuum connected: 96%

Interchangeability (KA only)

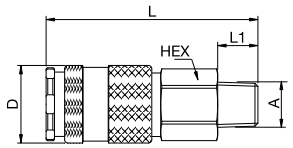
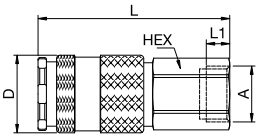
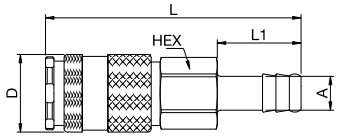
- Cejn 291
- Oetiker
- ISO 6150 C

Flow diagrams

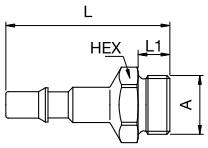
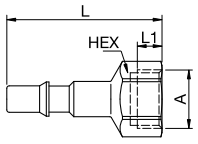
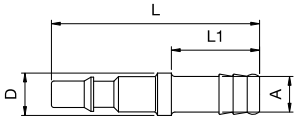
Air



Couplings – with valve — Series 18KA

	Connection A	HEX mm	L mm	L1 mm	D mm	Part Number
 Male Thread	R 1/4	19	63	12	23	18KAAK13MPN
	R 3/8	19	62	12	23	18KAAK17MPN
	R 1/2	22	63	17	23	18KAAK21MPN
 Female Thread	G 1/4	19	58	9	23	18KAIW13MPN
	G 3/8	19	57	9	23	18KAIW17MPN
	G 1/2	24	60	12	23	18KAIW21MPN
 Hose Barb	6 mm	19	76	25	23	18KATF06MPN
	8 mm	19	76	25	23	18KATF08MPN
	10 mm	19	76	25	23	18KATF10MPN
	13 mm	19	76	25	23	18KATF13MPN

Plugs – without valve — Series 18KA

	Connection A	HEX mm	L mm	L1 mm	D mm	Part Number
 Male Thread	G 1/4	17	41	9		18SFAW13SXN
	G 3/8	19	41	9		18SFAW17SXN
 Female Thread	G 1/4	17	43	9		18SFIW13SXN
	G 3/8	19	44	9		18SFIW17SXN
 Hose Barb	6 mm		59	25	12	18SFTF06SXN
	8 mm		59	25	12	18SFTF08SXN
	10 mm		59	25	12	18SFTF10SXN

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