

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.

**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

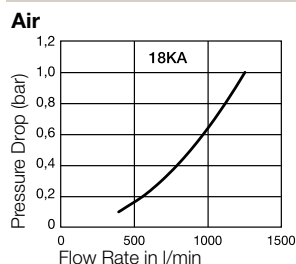
Connecting Force 6 bar: 110 N

Vacuum Coupling: 96%

Vacuum connected: 96%

Interchangeability (KA only)

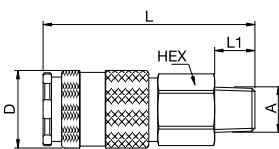
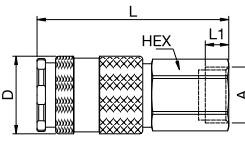
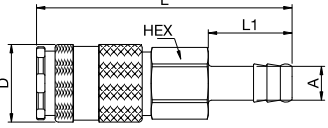
- Cejn 291
- Oetiker
- ISO 6150 C

Flow diagrams



Couplings – with valve

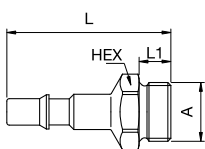
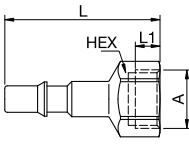
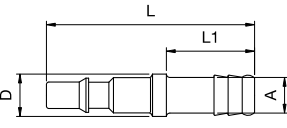
Series 18KA

	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