

## Nominal Diameter

# 5,5

 = 25 mm<sup>2</sup>

## 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

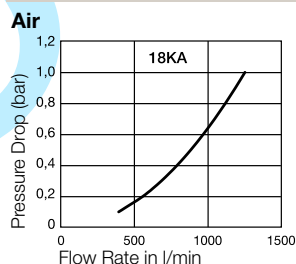
**Connecting Force 6 bar:** 110 N

**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