

# RECTUS SERIES 19KA



## Brass/Steel Low Pressure Quick Release Couplings, Nominal Diameter 5.5 = 25mm<sup>2</sup>

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.



### Working Temperature:

-20°C 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

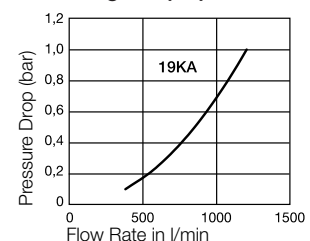
### Technical Description:

- Connecting Force 0 bar: 70 N
- Connecting Force 6 bar: 180 N
- Vacuum coupling: 87%
- Vacuum connected: 87%

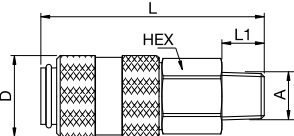
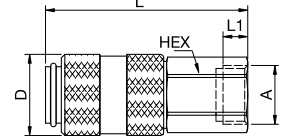
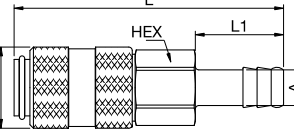
### Interchangeability:

- PCL 60 (UK)

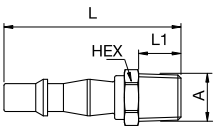
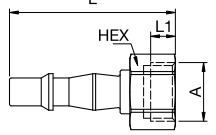
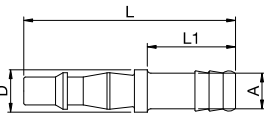
### Flow Diagram (Air)



## Couplings, with Valve

	Connection A	HEX mm	L mm	L1 mm	D mm	Part Number
 <p>Male Thread</p>	R 1/4	19	63	12	23	19KAAK13MPN
	R 3/8	19	62	12	23	19KAAK17MPN
	R 1/2	22	68	17	23	19KAAK21MPN
 <p>Female Thread</p>	G 1/4	19	58	9	23	19KAIW13MPN
	G 3/8	19	58	9	23	19KAIW17MPN
	G 1/2	24	60	12	23	19KAIW21MPN
 <p>Hose Barb</p>	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

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