

Brass/Steel

Nominal Diameter

**8** = 50 mm<sup>2</sup>



Rectus Series

**33**

Low Pressure



Steel industrial coupling with Atlas Copco-Profile. Specially suited to use with gaseous media in industry. Coupling system with single-hand operation. High Flow valve for optimum flow and low pressure drop.

Series 33 with additional end connections available on request.

**Dust Protections** (P. 250)  
for Coupling Part.-No. SK23S  
for Plug Part.-No. SK12S

**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**

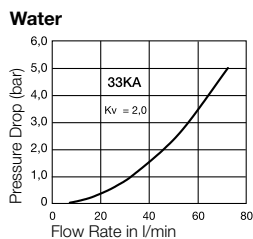
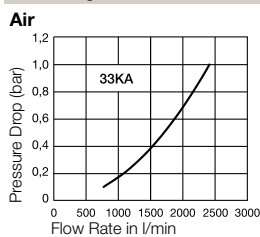
**Connecting Force 0 bar:** 40 N  
**Connecting Force 6 bar:** 130 N

**Vacuum Coupling:** 96%  
**Vacuum connected:** 96%

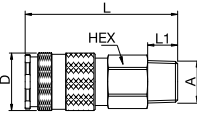
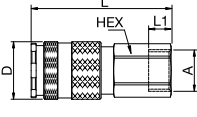
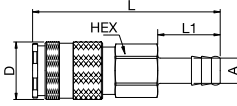
**Interchangeability (KA only)**

- Atlas Copco QIC 10

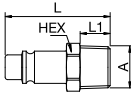
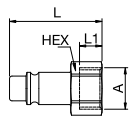
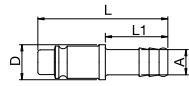
**Flow diagrams**



**Coupling – with valve** **Series 33KA**

	Connection A	HEX mm	L mm	L1 mm	D mm	Part Number
 Male Thread	R 1/4	19	60	12	23	33KAAK13SPN
	R 3/8	19	59	12	23	33KAAK17SPN
	R 1/2	22	60	17	23	33KAAK21SPN
 Female Thread	G 1/4	19	55	10	23	33KAIW13SPN
	G 3/8	19	54	9	23	33KAIW17SPN
	G 1/2	24	57	12	23	33KAIW21SPN
 Hose Barb	6 mm	19	73	25	23	33KATF06SPN
	8 mm	19	73	25	23	33KATF08SPN
	10 mm	19	73	25	23	33KATF10SPN
	13 mm	19	73	25	23	33KATF13SPN

**Plugs – without valve** **Series 33KA**

	Connection A	HEX mm	L mm	L1 mm	D mm	Part Number
 Male Thread	R 1/4	14	42	12		33SFAK13SXXN
	R 3/8	17	42	12		33SFAK17SXXN
	R 1/2	22	47	17		33SFAK21SXXN
 Female Thread	G 1/4	17	37	9		33SFIW13SXXN
	G 3/8	17	37	9		33SFIW17SXXN
 Hose Barb	6 mm		52	25	14	33SFTF06SXXN
	8 mm		52	25	14	33SFTF08SXXN
	10 mm		52	25	15	33SFTF10SXXN
	13 mm		52	25	15	33SFTF13SXXN

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