Nominal Diameter

8 = 50 mm²

Rectus Series

33



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.

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: 130 N

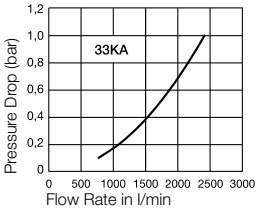
Vacuum Coupling: 96%
Vacuum connected: 96%

Interchangeability (KA only)

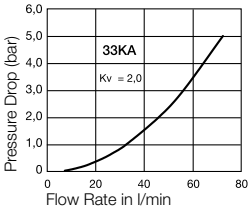
- Atlas Copco QIC 10

Flow diagrams

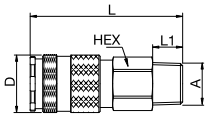
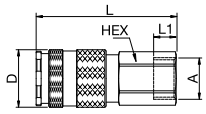
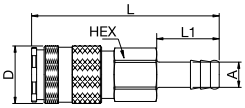
Air



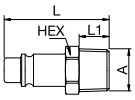
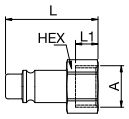
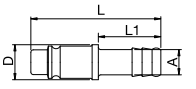
Water



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		33SFAK13SXN
	R 3/8	17	42	12		33SFAK17SXN
	R 1/2	22	47	17		33SFAK21SXN
 Female Thread	G 1/4	17	37	9		33SFIW13SXN
	G 3/8	17	37	9		33SFIW17SXN
 Hose Barb	6 mm		52	25	14	33SFTF06SXN
	8 mm		52	25	14	33SFTF08SXN
	10 mm		52	25	15	33SFTF10SXN
	13 mm		52	25	15	33SFTF13SXN

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