

Technical Description

Steel industrial coupling with high flow performance due to UltraFlo technology. Interchangeable with Atlas Copco profile. Specially suited to use with gaseous media in industry.

Advantages

Single handed operation. Extremely high flow performance from optimum valve design.

Working Pressure

PB = 35 bar, maximum static working pressure with safety factor of 4 to 1.

Working Temperature*

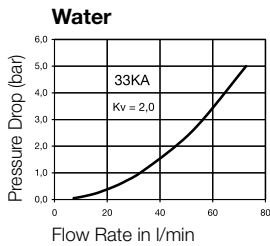
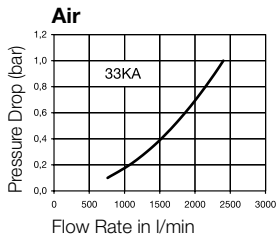
-20°C up to +100°C (NBR)
-40°C up to +120/150°C (EPDM)
-15°C up to +200°C (FKM)
depending on the medium.

* At a temperature below -20°C and above +100°C special seals are available on request.

Interchangeability

Atlas Copco QIC 10

Chart



Material

Coupling

- Back Body
- Valve Body
- Sleeve
- Valve
- Inner Sleeve
- Spring Plate
- Spring and Locking Ring
- Locking Balls
- Seals

Plug

Plug

Standard

- Brass, Nickel Plated
- Steel, Zinc Plated
- Steel Hardened, Nickel Plated
- Brass
- Brass
- Brass
- AISI 301
- AISI 420
- NBR

Steel Hardened, Zinc-Plated



Couplings

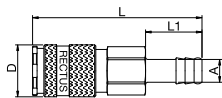
RECTUS Series 33KA

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
<p>Male Thread</p>	R 1/4	19	60	23	12					Standard	33KA AK13 SPN
	R 3/8	19	59	23	12					Standard	33KA AK17 SPN
	R 1/2	22	60	23	17					Standard	33KA AK21 SPN
<p>Female Thread</p>	G 1/4	19	55	23	10					Standard	33KA IW13 SPN
	G 3/8	19	54	23	9					Standard	33KA IW17 SPN
	G 1/2	24	57	23	12					Standard	33KA IW21 SPN

Couplings

RECTUS Series 33KA

Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
6 mm	19	73	23	25					Standard	33KA TF06 SPN
8 mm	19	73	23	25					Standard	33KA TF08 SPN
10 mm	19	73	23	25					Standard	33KA TF10 SPN
13 mm	19	73	23	25					Standard	33KA TF13 SPN

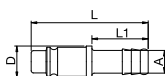


Hose Barb

Plugs

RECTUS Series 33KA

Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
6 mm		52	14	25					Standard	33SF TF06 SXN
8 mm		52	14	25					Standard	33SF TF08 SXN
10 mm		52	15	25					Standard	33SF TF10 SXN
13 mm		52	15	25					Standard	33SF TF13 SXN

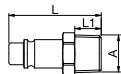


Hose Barb

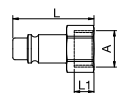
Plugs

RECTUS Series 33KA

Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
R 1/8	14	40		9					Standard	33SF AK10 SXN
R 1/4	14	42		12					Standard	33SF AK13 SXN
R 3/8	17	42		12					Standard	33SF AK17 SXN
R 1/2	22	47		17					Standard	33SF AK21 SXN
G 1/8	14	34		7					Standard	33SF IW10 SXN
G 1/4	17	37		9					Standard	33SF IW13 SXN
G 3/8	17	37		9					Standard	33SF IW17 SXN
G 1/2	24	42		12					Standard	33SF IW21 SXN



Male Thread



Female Thread