



Breathing Air

Nominal Diameter

7,4 = 43 mm²

RECTUS Series

96KS



90% of actual size



Technical Description

The 96KS coupling system has a safety lock. To disconnect, the plug must first be pushed further into the coupling before it can be unlocked. This prevents unintentional disconnection.

Dust Caps (P. 331)

for coupling Part.-No. SK23S
for plug Part.-No. SK12S

Advantages

Disconnecting the safety coupling is only possible after the plug has first been pushed further into the coupling. Single handed operation with a multitude of connecting possibilities. High flow rates due to the UltraFlo valve. Tested according to EN 139 standard.

Working Temperature*

-20°C up to +100°C (NBR)
-40°C up to +120/150°C (EPDM)
-15°C up to +200°C (FKM)
0°C up to +316°C (FFKM)
depending on the medium.

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

Working Pressure

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

Material

Coupling

Back Body
Valve Body
Sleeve
Valve

Spring and Locking Ring
Locking Balls
Seals
Distance Sleeve
Spring Plate

Plug

Plug

Standard

Brass, Nickel Plated
Brass, Nickel Plated
Brass, Nickel Plated
Zinc Diecasting, Nickel Plated
AISI 301
AISI 420
NB
Brass
Brass

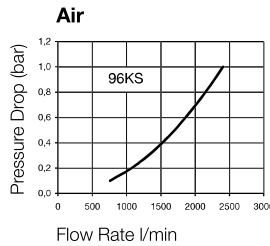
AISI 303

AISI 303
AISI 303
AISI 303
AISI 303
AISI 301
AISI 316
FKM
AISI 303
AISI 303

Brass, Nickel Plated

AISI 303

Chart



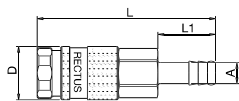
Couplings RECTUS Series 96KS

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW	B mm	G mm	Version	Part Number	
<p>Male Thread</p>	R 1/4	19	65	23	12					Standard	96KS AK13 BPN	
	R 3/8	19	64	23	12					Standard	96KS AK17 BPN	
	G 3/8	19	62	23	9					AISI 303	96KS AW17 RVX	
	R 1/2	22	66	23	17					Standard	96KS AK21 BPN	
<p>Female Thread</p>	G 1/4	19	60	23	10					Standard	96KS IW13 BPN	
	G 3/8	19	59	23	9					Standard	96KS IW17 BPN	

Couplings

RECTUS Series 96KS

Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW	B mm	G mm	Version	Part Number
6 mm	19	78	23	25					Standard	96KS TF06 BPN
7 mm	20	77	23	22					Standard	96KS TF07 BPN
9 mm	19	78	23	25					Standard	96KS TF09 BPN
10 mm	19	78	23	25					Standard	96KS TF10 BPN
13 mm	19	78	23	25					Standard	96KS TF13 BPN

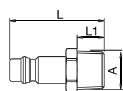


Hose Barb

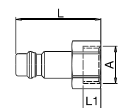
Plugs

RECTUS Series 96KS

Connection A	Hex mm	L mm	D mm	L1 mm	L2 mm	Hex1 mm	B mm	G mm	Version	Part Number
R 1/4	14	42		12					Standard	96SS AK13 MXN
R 3/8	17	42		12					Standard	96SS AK17 MXN
G 3/8	19	38		9					AISI 303	96SS AW17 RXX
G 1/4	17	38		10					Standard	96SS IW13 MXN
G 3/8	19	38		10					Standard	96SS IW17 MXN



Male Thread

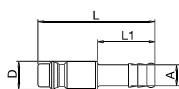


Female Thread

Plugs

RECTUS Series 96KS

Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW	B mm	G mm	Version	Part Number
6 mm		51	12	25					Standard	96SS TF06 MXN
9 mm		51	12	25					Standard	96SS TF09 MXN
13 mm		53	12	25					Standard	96SS TF13 MXN



Hose Barb