



Self-Venting System

Nominal Diameter

5,5 = 25 mm²

RECTUS Series

18KE


90% of actual size



You will find the following alternative versions in our current catalogue on page:

► Brass/Steel Single Shut-off P. 46

Technical Description

The 18KE series is a safety coupling with a self-venting system. When the sleeve is pulled back the plug is released, however, it still remains locked to the coupling. The coupling's valve closes while the downstream air supply line is vented simultaneously. Afterward it can be disconnected without any danger by pulling the sleeve back a second time to completely release the plug from the coupling.

Advantages

Connected in the same manner as all standard couplings – single hand operation. The venting takes place without any danger to the operators during the disconnecting process – no danger of being hit by a whipping hose that is still pressurized. The system fulfils the requirements stipulated in ISO 4414 for increased safety standards in the working place.

Working Pressure

PB = 8 bar, maximum static working pressure with safety factor of 4 to 1.

Working temperature

-20°C up to +60°C (NBR) depending on the medium.

Caution

Not recommended for direct connection to compressed air tools. Reliable functioning can only be guaranteed in conjunction with original RECTUS plugs made of steel.

Material

Coupling

Back Body
Valve Body
Sleeve
Valve
Spring and Locking Ring
Locking Balls
Seals
Pins

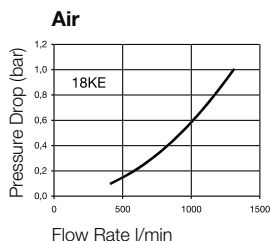
Standard

Brass, Nickel Plated
Brass, Nickel Plated
Brass, Nickel Plated
Brass
AISI 301
AISI 420
NBR
AISI 420

Plug

Steel Hardened, Nickel Plated

Chart



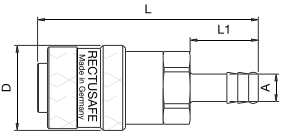
Couplings

RECTUS Series 18KE

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	H mm	B mm	G mm	Version	Part Number
 Male Thread	R 1/4	24	67	30	12					Standard	18KE AK13 BPN
	R 3/8	24	67	30	12					Standard	18KE AK17 BPN
	R 1/2	24	72	30	17					Standard	18KE AK21 BPN
 Female Thread	G 1/4	24	63	30	10					Standard	18KE IW13 BPN
	G 3/8	24	60	30	9					Standard	18KE IW17 BPN
	G 1/2	24	65	30	12					Standard	18KE IW21 BPN

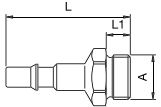
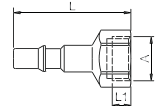
Couplings

RECTUS Series 18KE

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	H mm	B mm	G mm	Version	Part Number	
 <p>Hose Barb</p>	6 mm	24	81	30	25					Standard	18KE TF06 BPN	
	8 mm	24	81	30	25					Standard	18KE TF08 BPN	
	9 mm	24	81	30	25					Standard	18KE TF09 BPN	
	10 mm	24	81	30	25					Standard	18KE TF10 BPN	
	13 mm	24	81	30	25					Standard	18KE TF13 BPN	

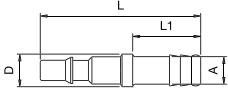
Plugs

RECTUS Series 18KE

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	H mm	B mm	G mm	Version	Part Number	
 <p>Male Thread</p>	G 1/4	17	41		9					Standard	18SF AW13 SXN	
	G 3/8	19	41		9					Standard	18SF AW17 SXN	
 <p>Female Thread</p>	G 1/4	17	43		9					Standard	18SF IW13 SXN	
	G 3/8	19	44		9					Standard	18SF IW17 SXN	

Plugs

RECTUS Series 18KE

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	H mm	B mm	G mm	Version	Part Number	
 <p>Hose Barb</p>	6 mm		56	12	25					Standard	18SF TF06 SXN	
	8 mm		56	12	25					Standard	18SF TF08 SXN	
	9 mm		56	12	25					Standard	18SF TF09 SXN	
	10 mm		56	12	25					Standard	18SF TF10 SXN	
	13 mm		56	12	25					Standard	18SF TF13 SXN	

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