RECTUS Series

27KA

Nominal Diameter

80 mm² = 10

Single Shut-Off

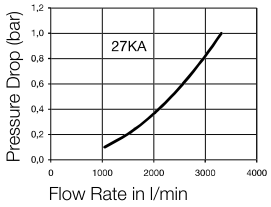
Technical Description
1/2" European industrial profile with UltraFlo technology. High flow performance. Notable for robust design with steel sleeve in use with large pneumatic consumers. Also available in brass.

Dust Caps (P. 323)

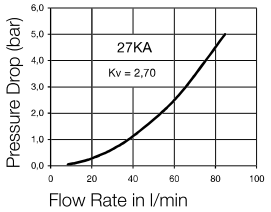
for coupling	Part.-No. SK27S
for plug	Part.-No. SK16S

Chart

Air



Water



Advantages
Single handed operation. Low pressure drop. No damage to the valve body from binding design. High flow valve.

Interchangeability
RECTUS 41
RECTUS 1700
RECTUS 1727
TEMA 1700
CEJN 410

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*)
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.

Material

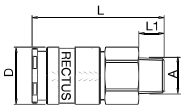
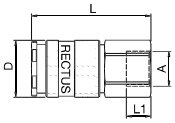
	Standard
Coupling	
Back Body	Brass, Nickel Plated
Valve Body	Brass, Nickel Plated
Sleeve	Steel Hardened, Nickel Plated
Valve	Brass
Inner Sleeve	Brass
Spring Plate	Brass
Spring and Locking Ring	AISI 301
Locking Balls	AISI 420
Seals	NBR
Plug	
Plug	Steel Hardened, Nickel Plated

90% of actual size

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

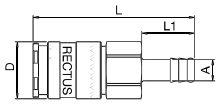
- Brass/Steel Double Shut-off P. 139
- Stainless Steel P. 184
- Safety Self-Venting P. 282

Couplings — RECTUS Series 27KA

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number	DS
 Male Thread	R 1/4	24	63	27	12					Standard	27KA AK13 MPN	▬
	R 3/8	24	63	27	12					Standard	27KA AK17 MPN	▬
	R 1/2	24	65	27	17					Standard	27KA AK21 MPN	▬
	R 3/4	27	65	27	17					Standard	27KA AK26 MPN	▬
 Female Thread	G 1/4	24	56	27	10					Standard	27KA IW13 MPN	▬
	G 3/8	24	56	27	11					Standard	27KA IW17 MPN	▬
	G 1/2	24	56	27	12					Standard	27KA IW21 MPN	▬
	G 3/4	27	60	27	16					Standard	27KA IW26 MPN	▬

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

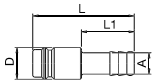
Couplings — RECTUS Series 27KA



Hose Barb

Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number	DS
6 mm	24	76	27	25					Standard	27KA TF06 MPN	
8 mm	24	76	27	25					Standard	27KA TF08 MPN	
9 mm	24	76	27	25					Standard	27KA TF09 MPN	
10 mm	24	76	27	25					Standard	27KA TF10 MPN	
13 mm	24	76	27	25					Standard	27KA TF13 MPN	
16 mm	24	76	27	20					Standard	27KA TF16 MPN	
19 mm	24	76	27	25					Standard	27KA TF19 MPN	

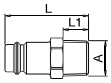
Plugs — RECTUS Series 27KA



Hose Barb

Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number	DS
6 mm		48	15	25					Standard	27SF TF06 SXN	
8 mm		48	15	25					Standard	27SF TF08 SXN	
9 mm		48	15	25					Standard	27SF TF09 SXN	
10 mm		48	15	25					Standard	27SF TF10 SXN	
13 mm		48	15	25					Standard	27SF TF13 SXN	
16 mm		48	18	25					Standard	27SF TF16 SXN	
19 mm		49	21	25					Standard	27SF TF19 SXN	

Plugs — RECTUS Series 27KA



Male Thread

Female Thread

Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number	DS
R 1/4	17	40		12					Standard	27SF AK13 SXN	
R 3/8	17	40		12					Standard	27SF AK17 SXN	
R 1/2	22	45		17					Standard	27SF AK21 SXN	
R 3/4	27	48		19					Standard	27SF AK26 SXN	
G 1/4	17	33		9					Standard	27SF IW13 SXN	
G 3/8	19	33		12					Standard	27SF IW17 SXN	
G 1/2	24	37		12					Standard	27SF IW21 SXN	
G 3/4	32	42		16					Standard	27SF IW26 SXN	

DS = Delivery Status: in stock | on short call | medium term delivery