

Nominal Diameter

5 = 20 mm²

RECTUS Series

17KA



actual size



Technical Description

English profile industrial coupling with UltraFlo technology, giving high flow performance. Specially suited to compressed air applications. Brass/steel design developed for industry. Compact dimensions and single handed operation make it suitable for numerous applications.

Advantages

Single handed operation. Small dimensions, light weight. High flow valve.

Working Pressure

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

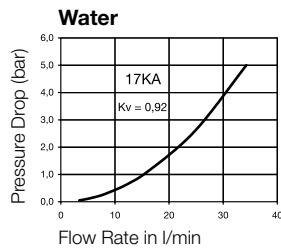
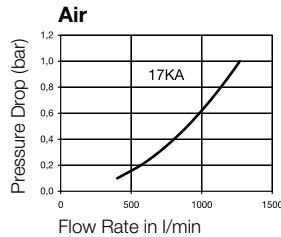
Interchangeability
SCHRADER NW 5

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.

Chart



Material

Coupling

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

Standard

- Brass, Nickel Plated
- Steel Hardened and Nickel Plated
- Steel Hardened and Nickel Plated
- Brass
- Brass
- Brass
- AISI 303
- AISI 420
- NBR

Plug

Plug

Steel Hardened, Nickel Plated

Couplings RECTUS Series 17KA

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number	DS
<p>Male Thread</p>	R 1/4	19	63	23	12					Standard	17KA AK13 SPN	■
	R 3/8	19	62	23	12					Standard	17KA AK17 SPN	■
	R 1/2	22	63	23	17					Standard	17KA AK21 SPN	■
<p>Female Thread</p>	G 1/4	19	58	23	9					Standard	17KA IW13 SPN	■
	G 3/8	19	57	23	9					Standard	17KA IW17 SPN	■
	G 1/2	24	60	23	12					Standard	17KA IW21 SPN	■□

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

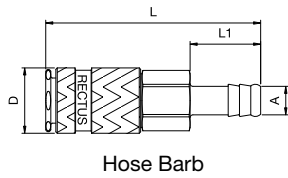
Couplings

RECTUS Series 17KA

Brass/Steel

Low Pressure

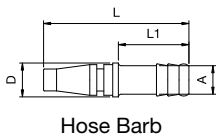
Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number	DS
6 mm	19	76	23	25					Standard	17KA TF06 SPN	■
8 mm	19	76	23	25					Standard	17KA TF08 SPN	■□
10 mm	19	76	23	25					Standard	17KA TF10 SPN	■
13 mm	7	76	23	25					Standard	17KA TF13 SPN	■



Plugs

RECTUS Series 17KA

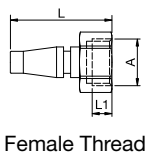
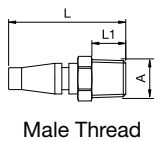
Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number	DS
6 mm		58	12	25					Standard	17SF TF06 SXN	■
8 mm		52	12	25					Standard	17SF TF08 SXN	■
10 mm		52	12	25					Standard	17SF TF10 SXN	■

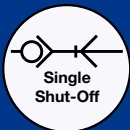


Plugs

RECTUS Series 17KA

Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number	DS
R 1/8	11	37		9					Standard	17SF AK10 SXN	■
R 1/4	14	42		12					Standard	17SF AK13 SXN	■
G 1/8	14	33		7					Standard	17SF IW10 SXN	■
G 1/4	17	36		9					Standard	17SF IW13 SXN	■





Nominal Diameter

5 = 20 mm²

RECTUS Series

21KA

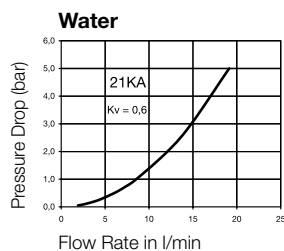
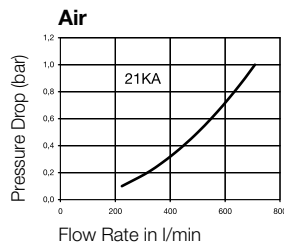
actual size

**Technical Description**

Mini industrial coupling, the world's most commonly used profile. Above average flow performance for liquid and gaseous media. Large band width in materials and valve variants.

Dust Caps (P. 323)

for coupling Part.-No. SK16S

**Chart****Advantages**

Single handed operation.
Small dimensions. All versions interchangeable.

Interchangeability

RECTUS 90
CAMOZZI
EWO
KANI

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**Coupling**

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

Standard

Brass
Brass
Brass
Brass
AISI 301
AISI 420
NBR

Nickel Plated

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

Plug

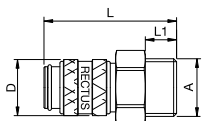
Plug

Brass

Brass, Nickel Plated

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

- ▶ Brass/Steel Double Shut-off P. 123
- ▶ Stainless Steel P. 173
- ▶ Thermoplastics P. 232
- ▶ Safety P. 256
- ▶ Coded Systems S. 292

Couplings**RECTUS Series 21KA**

Male Thread

Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 mm	B mm	G mm	Version	Part Number	DS
G 1/8	14	36	16	7					Standard	21KA AW10 MPX	■
									Nickel Plated	21KA AW10 MPN	■
G 1/4	17	38	16	9					Standard	21KA AW13 MPX	■
									Nickel Plated	21KA AW13 MPN	■
G 3/8	19	38	16	9					Standard	21KA AW17 MPX	■
									Nickel Plated	21KA AW17 MPN	■
M 12 x 1,5	17	39	16	10					Standard	21KA AD12 MPX	■
									Nickel Plated	21KA AD12 MPN	■□

DS = Delivery Status: ■ in stock

■□ on short call

□ medium term delivery