

Nominal Diameter

2,7 = 6 mm²

RECTUS Series


20KA

actual size

**Technical Description**

Mini industrial coupling, internationally used profile. Notable for a high flow and numerous application options with various media. Frequent use in mini-pneumatics, medical technology and chemistry/pharmacy.

Advantages

Single handed operation.
Small dimensions.

Working Pressure

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

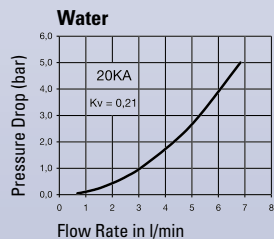
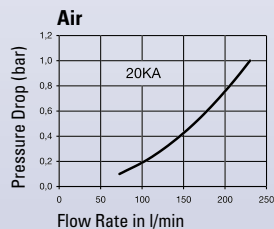
Interchangeability

RECTUS 91
WALTHER 06-003

Working Temperature*

-15°C up to +200°C (FKM)
depending on the medium.

*At a temperature below -15°C and above +200°C special seals are available on request.

Chart

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

- ▶ Stainless Steel Double Shut-off P. 188
- ▶ Brass/Steel Single Shut-off P. 26

Material

AISI 303

AISI 316 L

Coupling

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

AISI 303

AISI 316 L

AISI 303

AISI 316 L

AISI 303

AISI 316 L

AISI 301

AISI 316 Ti

AISI 420

AISI 420

FKM

FKM

Plug

Plug

AISI 303

AISI 316 L

Couplings**RECTUS Series 20KA**

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex SW1	B mm	G mm	Version	Part Number	DS
<p>Male Thread</p>	M 5	9	26	10	5					AISI 303	20KA AM05 RVX	■
										AISI 316 L	20KA AM05 EVX	■□
<p>Female Thread</p>	G 1/8	11	28	10	7					AISI 303	20KA AW10 RVX	■
										AISI 316 L	20KA AW10 EVX	■□
	M 5	9	25	10	5					AISI 303	20KA IM05 RVX	■□
										AISI 316 L	20KA IM05 EVX	■□
	G 1/8	12	28	10	7					AISI 303	20KA IW10 RVX	■
										AISI 316 L	20KA IW10 EVX	■□

DS = Delivery Status

■ in stock

■□ on short call

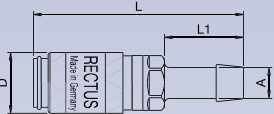
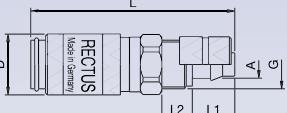
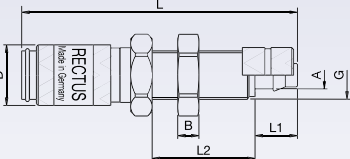
■□ medium term delivery

Couplings

RECTUS Series 20KA

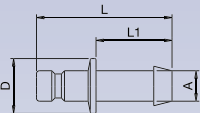
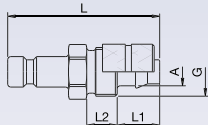
Stainless Steel

Low Pressure

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number	DS
 <p>Hose Barb</p>	3 mm		35	10	13					AISI 303	20KA TF03 RVX	■
	4 mm		35	10	13					AISI 303	20KA TF04 RVX	■
						AISI 316 L	20KA TF04 EVX	■				
5 mm		35	10	13					AISI 303	20KA TF05 RVX	■	
 <p>Plastic Hose Connection</p>	3 x 4 mm	9	34	10	7	5		M 7 x 0,5	AISI 303	20KA K004 RVX	■	
									AISI 316 L	20KA K004 EVX	■	
	3 x 5 mm	9	34	10	7	5		M 7 x 0,5	AISI 303	20KA K005 RVX	■	
									AISI 316 L	20KA K005 EVX	■	
	4 x 6 mm	9	34	10	7	5		M 8 x 0,5	AISI 303	20KA K006 RVX	■	
									AISI 316 L	20KA K006 EVX	■	
 <p>Panel Mount, Plastic Hose Connection</p>	3 x 4 mm	12	45	10	7	17	11	3	M 7 x 0,5	AISI 303	20KA KS04 RVX	■
	3 x 5 mm	12	45	10	7	17	11	3	M 7 x 0,5	AISI 303	20KA KS05 RVX	■
	4 x 6 mm	12	45	10	7	17	11	3	M 8 x 0,5	AISI 303	20KA KS06 RVX	■

Plugs

RECTUS Series 20KA

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number	DS
 <p>Hose Barb</p>	3 mm		24	7	13					AISI 303	20SF TF03 RXX	■
										AISI 316 L	20SF TF03 EXX	■
	4 mm		24	7	13					AISI 303	20SF TF04 RXX	■
										AISI 316 L	20SF TF04 EXX	■
	5 mm		22	9	13					AISI 303	20SF TF05 RXX	■
										AISI 316 L	20SF TF05 EXX	■
 <p>Plastic Hose Connection</p>	3 x 4 mm	8	25	7	5		M 7 x 0,5	AISI 303	20SF K004 RXX	■		
											AISI 316 L	20SF K004 EXX
	3 x 5 mm	8	25	7	5		M 7 x 0,5	AISI 303	20SF K005 RXX	■		
											AISI 316 L	20SF K005 EXX
	4 x 6 mm	8	25	7	5		M 8 x 0,5	AISI 303	20SF K006 RXX	■		
											AISI 316 L	20SF K006 EXX

DS = Delivery Status:

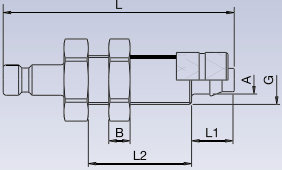
■ in stock

■ on short call

■ medium term delivery

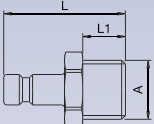
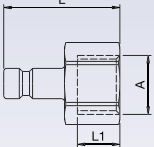
Couplings

RECTUS Series 20KA

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number	DS
 <p>Panel Mount, Plastic Hose Connection</p>	4 x 6 mm	12	38		7	17	12	3	M 8 x 0,5	AISI 303	20SF KS06 RXX	■□

Plugs

RECTUS Series 20KA

	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>	M 5	7	18		5					AISI 303	20SF AM05 RXX	■
										AISI 316 L	20SF AM05 EXX	■
	G 1/8	11	20		7					AISI 303	20SF AW10 RXX	■
										AISI 316 L	20SF AW10 EXX	■
 <p>Female Thread</p>	M 5	7	17		5				AISI 303	20SF IM05 RXX	■	
										AISI 316 L	20SF IM05 EXX	□
	G 1/8	12	19		7					AISI 303	20SF IW10 RXX	■
										AISI 316 L	20SF IW10 EXX	■

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