

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

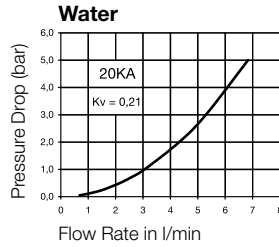
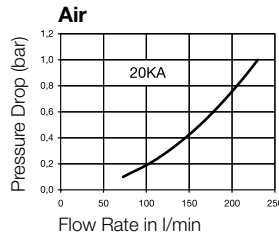
RECTUS 91
WALTHER 06-003

Working Temperature*

-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



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

- ▶ Brass/Steel Double Shut-off P. 120
- ▶ Stainless Steel P. 182

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

Couplings

RECTUS Series 20KA

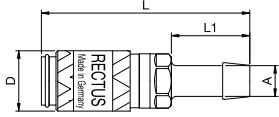
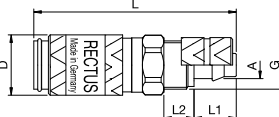
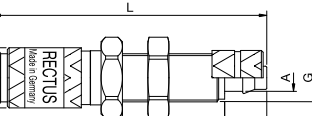
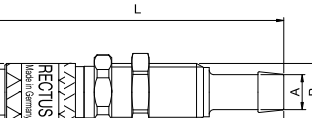
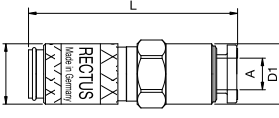
	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
<p>Male Thread</p>	M 5	9	26	10	5					Standard	20KA AM05 MPX
										Nickel Plated	20KA AM05 MPN
<p>Female Thread</p>	G 1/8	11	28	10	7					Standard	20KA AW10 MPX
										Nickel Plated	20KA AW10 MPN
	M 5	9	26	10	5					Standard	20KA IM05 MPX
										Nickel Plated	20KA IM05 MPN
	G 1/8	12	28	10	7					Standard	20KA IW10 MPX
										Nickel Plated	20KA IW10 MPN

Couplings

RECTUS Series 20KA

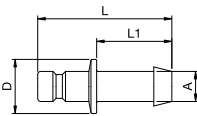
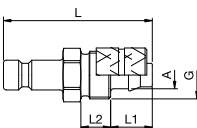
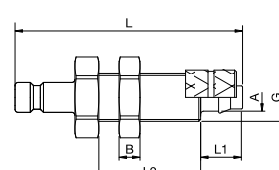
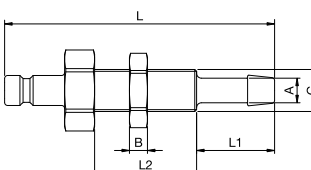
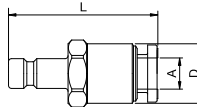
Brass/Steel

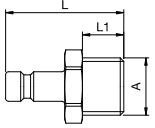
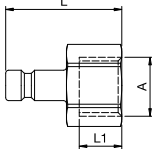
Low Pressure

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 <p>Hose Barb</p>	3 mm		35	10	13					Standard	20KA TF03 MPX
										Nickel Plated	20KA TF03 MPN
	4 mm		35	10	13					Standard	20KA TF04 MPX
										Nickel Plated	20KA TF04 MPN
	5 mm		34	10	13					Standard	20KA TF05 MPX
										Nickel Plated	20KA TF05 MPN
 <p>Plastic Hose Connection</p>	3 x 4 mm	9	34	10	7	5		M 7 x 0,5	Standard	20KA KO04 MPX	
										Nickel Plated	20KA KO04 MPN
	3 x 5 mm	9	34	10	7	5		M 7 x 0,5	Standard	20KA KO05 MPX	
										Nickel Plated	20KA KO05 MPN
	4 x 6 mm	9	34	10	7	5		M 8 x 0,5	Standard	20KA KO06 MPX	
										Nickel Plated	20KA KO06 MPN
 <p>Panel Mount, Plastic Hose Connection</p>	3 x 4 mm	12	45	10	7	17	11	3	M 7 x 0,5	Standard	20KA KS04 MPX
										Nickel Plated	20KA KS04 MPN
	3 x 5 mm	12	45	10	7	17	11	3	M 7 x 0,5	Standard	20KA KS05 MPX
										Nickel Plated	20KA KS05 MPN
	4 x 6 mm	12	45	10	7	12	11	3	M 8 x 0,5	Standard	20KA KS06 MPX
										Nickel Plated	20KA KS06 MPN
 <p>Panel Mount, Hose Barb</p>	3 mm	12	51	10	13	17	11	3	M 7 x 0,5	Standard	20KA TS03 MPX
										Nickel Plated	20KA TS03 MPN
	4 mm	12	51	10	13	17	11	3	M 7 x 0,5	Standard	20KA TS04 MPX
										Nickel Plated	20KA TS04 MPN
	6 mm	12	51	10	13	17	12	3	M 10 x 1	Standard	20KA TS06 MPX
										Nickel Plated	20KA TS06 MPN
 <p>Push-In</p>	4 mm	10	35	10						Standard	20KA RP04 MPN

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	
 <p>Hose Barb</p>	3 mm		24	7	13					Standard	20SF TF03 MXX	
										Nickel Plated	20SF TF03 MXN	
	4 mm		24	7	13						Standard	20SF TF04 MXX
											Nickel Plated	20SF TF04 MXN
	5 mm		22	9	13						Standard	20SF TF05 MXX
											Nickel Plated	20SF TF05 MXN
 <p>Plastic Hose Connection</p>	3 x 4 mm	7	25	7	5			M 7 x 0,5		Standard	20SF KO04 MXX	
										Nickel Plated	20SF KO04 MXN	
	3 x 5 mm	7	25	7	5				M 7 x 0,5		Standard	20SF KO05 MXX
											Nickel Plated	20SF KO05 MXN
	4 x 6 mm	8	25	7	5				M 8 x 0,5		Standard	20SF KO06 MXX
											Nickel Plated	20SF KO06 MXN
 <p>Panel Mount, Plastic Hose Connection</p>	3 x 4 mm	11	38	7	17	11	3	M 7 x 0,5		Standard	20SF KS04 MXX	
										Nickel Plated	20SF KS04 MXN	
	3 x 5 mm	11	38	7	17	11	3	M 7 x 0,5			Standard	20SF KS05 MXX
											Nickel Plated	20SF KS05 MXN
	4 x 6 mm	12	38	7	17	12	3	M 8 x 0,5			Standard	20SF KS06 MXX
											Nickel Plated	20SF KS06 MXN
 <p>Panel Mount, Hose Barb</p>	3 mm	12	45	13	18	11	3,5	M 7 x 0,5		Standard	20SF TS03 MXX	
										Nickel Plated	20SF TS03 MXN	
	4 mm	12	45	13	17	11	3	M 7 x 0,5			Standard	20SF TS04 MXX
											Nickel Plated	20SF TS04 MXN
	 <p>Push-In</p>	4 mm	10	35	10						Nickel Plated	20SF RP04 MPN

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 <p>Male Thread</p>	M 5	7	18		5					Standard	20SF AM05 MXX
										Nickel Plated	20SF AM05 MXN
	G 1/8	11	20		7					Standard	20SF AW10 MXX
										Nickel Plated	20SF AW10 MXN
	M 5	7	17		5					Standard	20SF IM05 MXX
										Nickel Plated	20SF IM05 MXN
 <p>Female Thread</p>	G 1/8	12	19		7					Standard	20SF IW10 MXX
										Nickel Plated	20SF IW10 MXN