



Other designs in series 20

The following other designs can be found from page:

- Stainless Steel P. 180
- Medical Technology (NP) P. 250

Technical Description

Mini industrial coupling with internationally used profile. Frequent use in medical technology and chemistry/pharmacy.

Coupling system with single-hand operation. High flow despite small dimensions plus many applications with a variety of media.

Working Temperature*

-20°C up to +100°C (NBR) depending on the medium.

* For temperatures below -20°C and over +100°C and depending on the medium, other seal variants (FKM, EPDM, FFKM) are available.



Working Pressure**

35 bar

** maximum static working pressure with safety factor 4 to 1.

35 bar

Features

- Low pressure drop

Material

Coupling: Brass
Plug: Brass
Seals: NBR

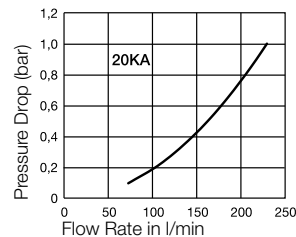
Coupling: Brass
Plug: Brass
Seals: NBR

Interchangeability

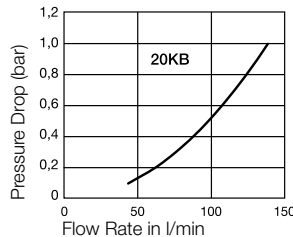
- Walther 06-003

Flow diagrams

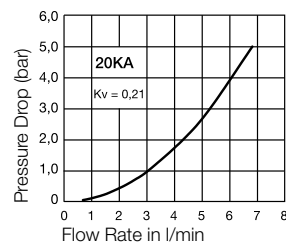
Air



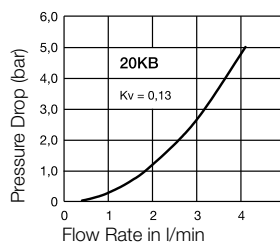
Air



Water



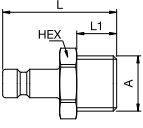
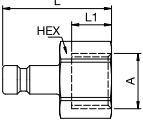
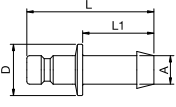
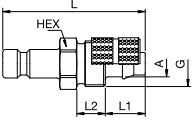
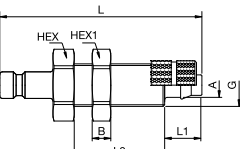
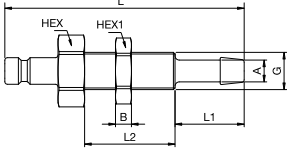
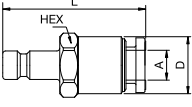
Water





Plugs – without valve

Series 20KA

	Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Version	Part Number
 <p>Male Thread</p>	M 5	7		18	5					blank	20SFAM05MXX
	M 5	7		18	5					nickel plated	20SFAM05MXN
	G 1/8	11		20	7					blank	20SFAW10MXX
	G 1/8	11		20	7					nickel plated	20SFAW10MXN
 <p>Female Thread</p>	M 5	7		17	5					blank	20SFIM05MXX
	M 5	7		17	5					nickel plated	20SFIM05MXN
	G 1/8	12		19	7					blank	20SFIW10MXX
	G 1/8	12		19	7					nickel plated	20SFIW10MXN
 <p>Hose Barb</p>	3 mm			24	13		7			blank	20SFTF03MXX
	3 mm			24	13		7			nickel plated	20SFTF03MXN
	4 mm			24	13		7			blank	20SFTF04MXX
	4 mm			24	13		7			nickel plated	20SFTF04MXN
	5 mm			22	13		9			blank	20SFTF05MXX
	5 mm			22	13		9			nickel plated	20SFTF05MXN
 <p>with Plastic Hose Connection</p>	3 x 4 mm	7		25	7	5			M 7 x 0,5	blank	20SFKO04MXX
	3 x 4 mm	7		25	7	5			M 7 x 0,5	nickel plated	20SFKO04MXN
	3 x 5 mm	7		25	7	5			M 7 x 0,5	blank	20SFKO05MXX
	3 x 5 mm	7		25	7	5			M 7 x 0,5	nickel plated	20SFKO05MXN
	4 x 6 mm	8		25	7	5			M 8 x 0,5	blank	20SFKO06MXX
	4 x 6 mm	8		25	7	5			M 8 x 0,5	nickel plated	20SFKO06MXN
 <p>Panel Mount with Plastic Hose Connection</p>	3 x 4 mm	11	11	38	7	17		3	M 7 x 0,5	blank	20SFKS04MXX
	3 x 4 mm	11	11	38	7	17		3	M 7 x 0,5	nickel plated	20SFKS04MXN
	3 x 5 mm	11	11	38	7	17		3	M 7 x 0,5	blank	20SFKS05MXX
	3 x 5 mm	11	11	38	7	17		3	M 7 x 0,5	nickel plated	20SFKS05MXN
	4 x 6 mm	12	12	38	7	17		3	M 8 x 0,5	blank	20SFKS06MXX
	4 x 6 mm	12	12	38	7	17		3	M 8 x 0,5	nickel plated	20SFKS06MXN
 <p>Panel Mount with Hose Barb</p>	3 mm	12	11	45	13	18		3,5	M 7 x 0,5	blank	20SFTS03MXX
	3 mm	12	11	45	13	18		3,5	M 7 x 0,5	nickel plated	20SFTS03MXN
	4 mm	12	11	45	13	17		3	M 7 x 0,5	blank	20SFTS04MXX
	4 mm	12	11	45	13	17		3	M 7 x 0,5	nickel plated	20SFTS04MXN
 <p>Push-In</p>	4 mm	10		35			10			nickel plated	20SFRP04MPN