



Other designs in series 27

The following other designs can be found from page:

- ▶ Stainless Steel P. 216
- ▶ Safety Self-Venting P. 296

Technical Description

1/2" universal industrial coupling with standard European profile for use with large pneumatic consumers. Coupling system with single-hand operation. UltraFlo valve for optimum flow and low pressure drop. The series stands out for its robust design (steel sleeve), extremely high flow and long service life even with the harshest use. The collar design minimises damage to the valve body.

Dust Protections  (P. 325) for Coupling Part.-No. SK27S

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 design factor 4 to 1.

35 bar

Material

Coupling: Brass / Steel nickel plated
Plug: Steel nickel plated
Seals: NBR

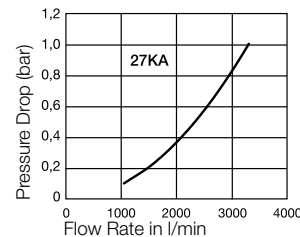
Coupling: Brass
Plug: Brass nickel plated
Seals: NBR

Interchangeability

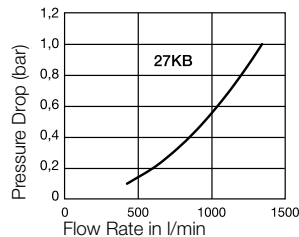
- Rectus 41
- Rectus 1700
- Rectus 1727
- Cejn 410

Flow diagrams

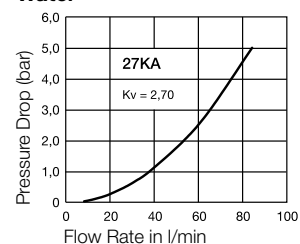
Air



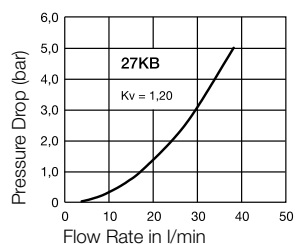
Air



Water



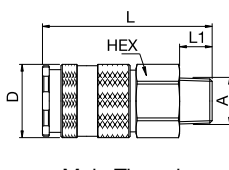
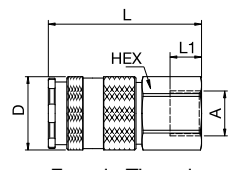
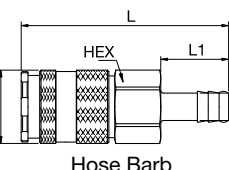
Water





Couplings – with valve

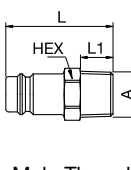
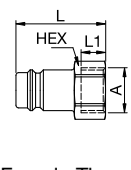
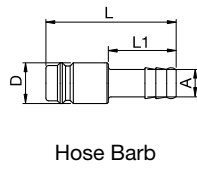
Series 27KA

	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>	R 1/4	24		63	12		27				27KAAK13MPN
	R 3/8	24		63	12		27				27KAAK17MPN
	R 1/2	24		65	17		27				27KAAK21MPN
	R 3/4	27		65	17		27				27KAAK26MPN
 <p>Female Thread</p>	G 1/4	24		56	10		27				27KAIW13MPN
	G 3/8	24		56	11		27				27KAIW17MPN
	G 1/2	24		56	12		27				27KAIW21MPN
	G 3/4	27		60	16		27				27KAIW26MPN
 <p>Hose Barb</p>	6 mm	24		76	25		27				27KATF06MPN
	8 mm	24		76	25		27				27KATF08MPN
	9 mm	24		76	25		27				27KATF09MPN
	10 mm	24		76	25		27				27KATF10MPN
	13 mm	24		76	25		27				27KATF13MPN
	16 mm	24		76	20		27				27KATF16MPN
	19 mm	24		76	25		27				27KATF19MPN



Plugs – without valve

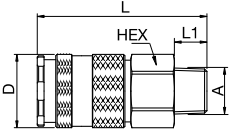
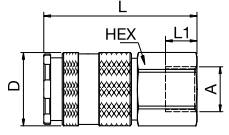
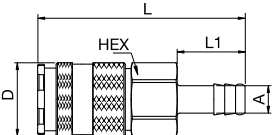
Series 27KA

	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>	R 1/4	17		40	12						27SFAK13SXN
	R 3/8	17		40	12						27SFAK17SXN
	R 1/2	22		45	17						27SFAK21SXN
	R 3/4	27		48	19						27SFAK26SXN
 <p>Female Thread</p>	G 1/4	17		33	9						27SFIW13SXN
	G 3/8	19		33	12						27SFIW17SXN
	G 1/2	24		37	12						27SFIW21SXN
	G 3/4	32		42	16						27SFIW26SXN
 <p>Hose Barb</p>	6 mm			48	25		15				27SFTF06SXN
	8 mm			48	25		15				27SFTF08SXN
	9 mm			48	25		15				27SFTF09SXN
	10 mm			48	25		15				27SFTF10SXN
	13 mm			48	25		15				27SFTF13SXN
	16 mm			48	25		18				27SFTF16SXN
	19 mm			48	25		21				27SFTF19SXN

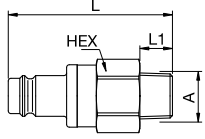
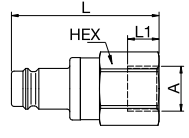
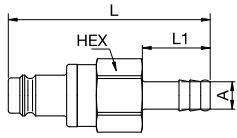


Couplings – with valve

Series 27KB

	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>	R 1/4	24		63	12		27			blank	27KBAK13BPX
	R 1/4	24		63	12		27			nickel plated	27KBAK13BPN
	R 3/8	24		63	12		27			blank	27KBAK17BPX
	R 3/8	24		63	12		27			nickel plated	27KBAK17BPN
	R 1/2	24		65	17		27			blank	27KBAK21BPX
	R 1/2	24		65	17		27			nickel plated	27KBAK21BPN
	R 3/4	27		65	17		27			blank	27KBAK26BPX
	R 3/4	27		65	17		27			nickel plated	27KBAK26BPN
 <p>Female Thread</p>	G 1/4	24		56	10		27			blank	27KBIW13BPX
	G 1/4	24		56	10		27			nickel plated	27KBIW13BPN
	G 3/8	24		56	11		27			blank	27KBIW17BPX
	G 3/8	24		56	11		27			nickel plated	27KBIW17BPN
	G 1/2	24		56	12		27			blank	27KBIW21BPX
	G 1/2	24		56	12		27			nickel plated	27KBIW21BPN
	G 3/4	32		60	16		27			blank	27KBIW26BPX
	G 3/4	32		60	16		27			nickel plated	27KBIW26BPN
 <p>Hose Barb</p>	6 mm	24		76	25		27			blank	27KBTF06BPX
	6 mm	24		76	25		27			nickel plated	27KBTF06BPN
	8 mm	24		76	25		27			blank	27KBTF08BPX
	8 mm	24		76	25		27			nickel plated	27KBTF08BPN
	9 mm	24		76	25		27			blank	27KBTF09BPX
	9 mm	24		76	25		27			nickel plated	27KBTF09BPN
	10 mm	24		76	25		27			blank	27KBTF10BPX
	10 mm	24		76	25		27			nickel plated	27KBTF10BPN
	13 mm	24		76	25		27			blank	27KBTF13BPX
	13 mm	24		76	25		27			nickel plated	27KBTF13BPN
	16 mm	24		76	25		27			blank	27KBTF16BPX
	16 mm	24		76	25		27			nickel plated	27KBTF16BPN
19 mm	24		76	25		27			blank	27KBTF19BPX	
19 mm	24		76	25		27			nickel plated	27KBTF19BPN	



	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>	R 1/4	24		60,5	12						27SBAK13MPN
	R 3/8	24		60,5	12						27SBAK17MPN
	R 1/2	24		62,5	17						27SBAK21MPN
	R 3/4	27		62,5	17						27SBAK26MPN
 <p>Female Thread</p>	G 1/4	24		54,5	9						27SBIW13MPN
	G 3/8	24		54,5	9						27SBIW17MPN
	G 1/2	24		54,5	12						27SBIW21MPN
	G 3/4	32		58,5	16						27SBIW26MPN
 <p>Hose Barb</p>	6 mm	24		74	25						27SBTF06MPN
	8 mm	24		74	25						27SBTF08MPN
	9 mm	24		74	25						27SBTF09MPN
	10 mm	24		74	25						27SBTF10MPN
	13 mm	24		74	25						27SBTF13MPN
	16 mm	24		74	25						27SBTF16MPN
	19 mm	24		74	25						27SBTF19MPN