Nominal Diameter

10 = 80 mm²

Rectus Series

1727



energy saver

Premium industrial coupling 1/2" with standard European profile. Suitable for compressed air applications with greater than average air consumption. Above-average flow values compared with standard market products.
Coupling system with single-hand operation. Ultra High Flow valve for optimum flow and low pressure drop. Extremely robust and ergonomically shaped, 2-component plastic sleeve.

Series 1727 with additional end connections available on request.

Dust Protections **(P. 250)**
for Coupling Part.-No. SK27S
for Plug Part.-No. SK16S

Working Temperature*
-20°C up to +40°C (NBR)
depending on the medium.

* For temperatures below -20°C and over +40°C and depending on the medium, other seal variants (FKM, EPDM, FFKM) are available.

Other designs in series 1727
The following other designs can be found from page:

➤ Stainless Steel P. 156
➤ Safety Self-Venting P. 232

KA Single Shut-Off

Working Pressure**

35 bar
** maximum static working pressure with design factor 4 to 1.

Material

Coupling: Brass nickel plated, Steel QPQ treated, PA6+TPE
Plug: Steel nickel plated
Seals: NBR

Technical Description

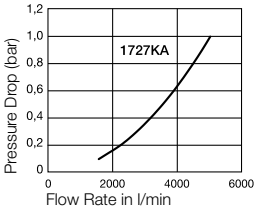
Connecting Force 0 bar: 40 N
Connecting Force 6 bar: 120 N

Interchangeability (KA only)

- Rectus 27
- Rectus 1700
- Cejn 410

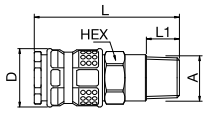
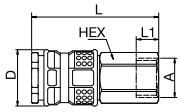
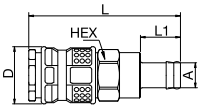
Flow diagrams

Air

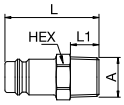
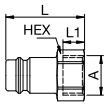
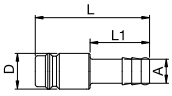


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Couplings – with valve — Series 1727KA

	Connection A	HEX mm	L mm	L1 mm	D mm	Part Number
 Male Thread	R 3/8	24	70	12	30	1727KAAK17SPN
	R 1/2	24	75	17	30	1727KAAK21SPN
	R 3/4	27	64	17	30	1727KAAK26SPN
 Female Thread	G 3/8	24	64,5	10	30	1727KAIW17SPN
	G 1/2	24	68	12	30	1727KAIW21SPN
	G 3/4	32	69	14	30	1727KAIW26SPN
 Hose Barb	10 mm	24	80	21	30	1727KATF10SPN
	13 mm	24	80	21	30	1727KATF13SPN
	16 mm	24	80	21	30	1727KATF16SPN

Plugs – without valve — Series 27SF

	Connection A	HEX mm	L mm	L1 mm	D mm	Part Number
 Male Thread	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
 Female Thread	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
 Hose Barb	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		49	25	18	27SFTF16SXN
	19 mm		49	25	21	27SFTF19SXN

⚠ Please consider our security advices on the pages 12/13 ⚠