

Brass/Steel

Nominal Diameter

10 = 80 mm²



Rectus Series

1727

Low Pressure



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



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

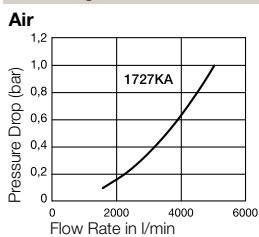
Connecting Force 0 bar: 40 N

Connecting Force 6 bar: 120 N

Interchangeability (KA only)

- Rectus 27
- Rectus 1700
- Cejn 410

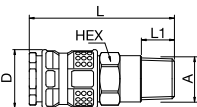
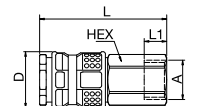
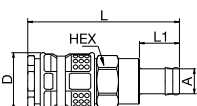
Flow diagrams





Couplings – with valve

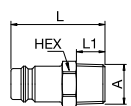
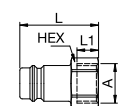
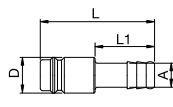
Series 1727KA

| | Connection A | HEX mm | L mm | L1 mm | D mm | Part Number |
|--|--------------|--------|------|-------|------|---------------|
|  <p>Male Thread</p> | R 3/8 | 24 | 70 | 12 | 30 | 1727KAAK17SPN |
| | R 1/2 | 24 | 75 | 17 | 30 | 1727KAAK21SPN |
| | R 3/4 | 27 | 64 | 17 | 30 | 1727KAAK26SPN |
|  <p>Female Thread</p> | 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 |
|  <p>Hose Barb</p> | 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 |
|--|--------------|--------|------|-------|------|--------------|
|  <p>Male Thread</p> | R 1/4 | 17 | 40 | 12 | | 27SFAK13SXXN |
| | R 3/8 | 17 | 40 | 12 | | 27SFAK17SXXN |
| | R 1/2 | 22 | 45 | 17 | | 27SFAK21SXXN |
| | R 3/4 | 27 | 48 | 19 | | 27SFAK26SXXN |
|  <p>Female Thread</p> | G 1/4 | 17 | 33 | 9 | | 27SFIW13SXXN |
| | G 3/8 | 19 | 33 | 12 | | 27SFIW17SXXN |
| | G 1/2 | 24 | 37 | 12 | | 27SFIW21SXXN |
| | G 3/4 | 32 | 42 | 16 | | 27SFIW26SXXN |
|  <p>Hose Barb</p> | 6 mm | | 48 | 25 | 15 | 27SFTF06SXXN |
| | 8 mm | | 48 | 25 | 15 | 27SFTF08SXXN |
| | 9 mm | | 48 | 25 | 15 | 27SFTF09SXXN |
| | 10 mm | | 48 | 25 | 15 | 27SFTF10SXXN |
| | 13 mm | | 48 | 25 | 15 | 27SFTF13SXXN |
| | 16 mm | | 49 | 25 | 18 | 27SFTF16SXXN |
| | 19 mm | | 49 | 25 | 21 | 27SFTF19SXXN |

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

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