

Technical Description

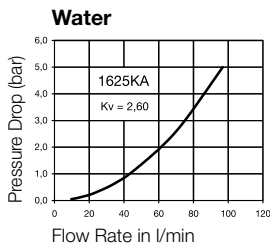
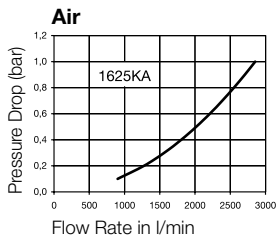
Rectus Tema premium industrial coupling – the know-how from both brands combined in one system. European standard profile. High grade valve technology with optimum flow performance and minimum coupling forces. Extremely robust 2-component thermoplastic sleeve. Suitable for compressed air applications with above average air consumption.

Dust Caps (P. 331)

for coupling Part.-No. SK23S
for plug Part.-No. SK12S



Chart



Advantages

Single handed operation. High flow valve. Minimum coupling forces.

Interchangeability

RECTUS 25 + 26
RECTUS 1600
TEMA 1600
CEJN 320
JWL 520 + JWL 530
various German products

Working Pressure

PB = 35 bar, maximum static working pressure with safety factor of 4 to 1.

Working Temperature*

-20°C up to +40°C (NBR)
-20°C up to +40°C (EPDM)
-20°C up to +40°C (FKM)
depending on the medium.

*At a temperature below -20°C and above 40°C special seals are available on request.

Material

Coupling

Back Body
Valve Body
Sleeve
Valve
Spring
Locking Ring and Locking Balls
Seals

Standard

Brass, Nickel Plated
Steel, QPQ treated
PA6 + TPE
Brass
AISI 301
AISI 420

NBR

Plug

Plugs

Steel Hardened and Zinc-Plated



actual size

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

- ▶ Stainless Steel P. 192
- ▶ Safety Self-Venting P. 290

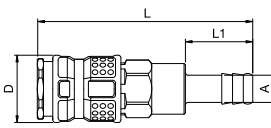
Couplings

RECTUS Series 1625KA

| | 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> | R 1/4 | 19 | 65 | 26 | 12 | | | | | Standard | 1625KA AK13 SPN |
| | R 3/8 | 19 | 65 | 26 | 12 | | | | | Standard | 1625KA AK17 SPN |
| | R 1/2 | 22 | 59,5 | 26 | 17 | | | | | Standard | 1625KA AK21 SPN |
| <p>Female Thread</p> | G 1/4 | 19 | 59 | 26 | 9 | | | | | Standard | 1625KA IW13 SPN |
| | G 3/8 | 19 | 59 | 26 | 9 | | | | | Standard | 1625KA IW17 SPN |
| | G 1/2 | 24 | 62 | 26 | 12 | | | | | Standard | 1625KA IW21 SPN |

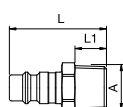
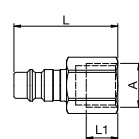
Couplings

RECTUS Series 1625KA

| | 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> | 6 mm | 19 | 80 | 26 | 25 | | | | | Standard | 1625KA TF06 SPN |
| | 8 mm | 19 | 80 | 26 | 25 | | | | | Standard | 1625KA TF08 SPN |
| | 9 mm | 19 | 80 | 26 | 25 | | | | | Standard | 1625KA TF09 SPN |
| | 10 mm | 19 | 80 | 26 | 25 | | | | | Standard | 1625KA TF10 SPN |
| | 13 mm | 19 | 80 | 26 | 25 | | | | | Standard | 1625KA TF13 SPN |

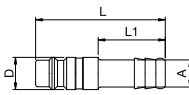
Plugs

RECTUS Series 25SF

| | 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> | R 1/8 | 13 | 33 | | 9 | | | | | Standard | 25SF AK10 SXZ |
| | R 1/4 | 14 | 37 | | 12 | | | | | Standard | 25SF AK13 SXZ |
| | R 3/8 | 17 | 37 | | 12 | | | | | Standard | 25SF AK17 SXZ |
| | R 1/2 | 22 | 43 | | 17 | | | | | Standard | 25SF AK21 SXZ |
|  <p>Female Thread</p> | G 1/8 | 14 | 30 | | 7 | | | | | Standard | 25SF IW10 SXZ |
| | G 1/4 | 17 | 38,5 | | 9 | | | | | Standard | 25SF IW13 SXZ |
| | G 3/8 | 19 | 39,5 | | 9 | | | | | Standard | 25SF IW17 SXZ |
| | G 1/2 | 24 | 44 | | 12 | | | | | Standard | 25SF IW21 SXZ |

Plugs

RECTUS Series 25SF

| | 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> | 6 mm | | 48 | 12 | 25 | | | | | Standard | 25SF TF06 SXZ |
| | 8 mm | | 48 | 12 | 25 | | | | | Standard | 25SF TF08 SXZ |
| | 9 mm | | 48 | 12 | 25 | | | | | Standard | 25SF TF09 SXZ |
| | 10 mm | | 48 | 12 | 25 | | | | | Standard | 25SF TF10 SXZ |
| | 13 mm | | 48 | 15 | 25 | | | | | Standard | 25SF TF13 SXZ |