Nominal Diameter

5,5 = 25 mm²

Rectus Tema Series

1400



energy saver

RectusTema premium industrial coupling 1/4" according to ISO 6150 B. Suitable for compressed air applications with greater than average air consumption. Coupling system with single-hand operation. Ultra High Flow valve for optimum flow and low pressure drop.

Series 1400 with additional end connections available on request.

Dust Protections **(P. 250)**
for Coupling Part.-No. SK23S

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.

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
Plug: Steel nickel plated or Brass
Seals: NBR

Technical Description

Connecting Force 0 bar: 35 N
Connecting Force 6 bar: 75 N

Vacuum Coupling: 96%
Vacuum connected: 96%

Other designs in series 1400
The following other designs can be found from page:

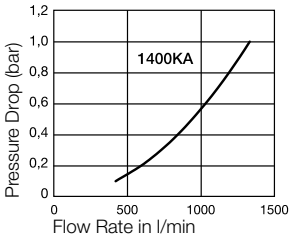
➤ Safety Self-Venting P. 224

Interchangeability (KA only)

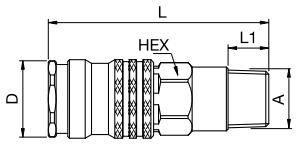
- Rectus 24
- Industr. Interchange 1/4"
- US-MIL-SPEC-C-4109
- ISO 6150 B
- Cejn 310
- Hansen 3000
- Faster
- Gromelle 600
- JWL 521 + JWL 531

Flow diagrams

Air

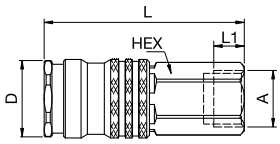


Couplings – with valve — Series 1400KA



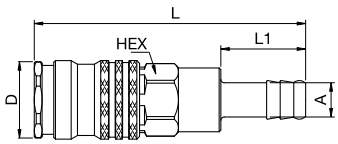
Male Thread

Connection A	HEX mm	L mm	L1 mm	D mm	Version	Part Number
R 1/4	19	65	12	23		1400KAAK13SPN
R 3/8	19	65	12	23		1400KAAK17SPN
R 1/2	22	59,5	17	23		1400KAAK21SPN



Female Thread

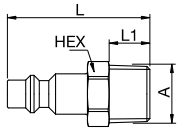
Connection A	HEX mm	L mm	L1 mm	D mm	Version	Part Number
G 1/4	19	59	9	23		1400KAIW13SPN
G 3/8	19	59	9	23		1400KAIW17SPN
G 1/2	24	62	12	23		1400KAIW21SPN



Hose Barb

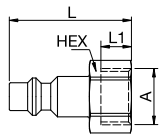
Connection A	HEX mm	L mm	L1 mm	D mm	Version	Part Number
6 mm	19	80	25	23		1400KATF06SPN
8 mm	19	80	25	23		1400KATF08SPN
10 mm	19	80	25	23		1400KATF10SPN
13 mm	19	80	25	23		1400KATF13SPN

Plugs – without valve — Series 23SF



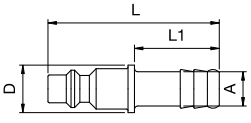
Male Thread

Connection A	HEX mm	L mm	L1 mm	D mm	Version	Part Number
R 1/8	13	39	9		Steel	23SFAK10SXN
R 1/4	14	42	12		Steel	23SFAK13SXN
G 1/4	14	42	12		Brass	23SFAW13MXX
R 3/8	17	42	12		Steel	23SFAK17SXN
G 3/8	17	42	12		Brass	23SFAW17MXX
R 1/2	22	48	17		Steel	23SFAK21SXN



Female Thread

Connection A	HEX mm	L mm	L1 mm	D mm	Version	Part Number
G 1/8	14	36	9		Steel	23SFIW10SXN
G 1/4	17	36	9		Steel	23SFIW13SXN
G 3/8	19	36	9		Steel	23SFIW17SXN
G 1/2	24	39	12		Steel	23SFIW21SXN



Hose Barb

Connection A	HEX mm	L mm	L1 mm	D mm	Version	Part Number
6 mm		51	25	14	Steel	23SFTF06SXN
6 mm		51	25	14	Brass	23SFTF06MXX
8 mm		51	25	14	Steel	23SFTF08SXN
9 mm		51	25	14	Steel	23SFTF09SXN
9 mm		51	25	14	Brass	23SFTF09MXX
10 mm		51	25	14	Steel	23SFTF10SXN
13 mm		51	25	14	Steel	23SFTF13SXN

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