

## Nominal Diameter

7,8 = 48 mm<sup>2</sup>

## Rectus Series

25



## Other designs in series 25

The following other designs can be found from page:

- Stainless Steel P. 150
- Safety P. 214
- Safety Self-Venting P. 230
- Coded Systems P. 236

## Interchangeability (KA only)

- Rectus 26
- Rectus 1600/1625
- Cejn 320
- JWL 520 + JWL 530
- various German Products

Universal industrial coupling with standard European profile.

Coupling system with single-hand operation. High Flow valve for optimum flow and low pressure drop. The series stands out for its robust design and long service life even with the harshest use.

Series 25 with additional end connections available on request.

**Dust Protections**  (P. 250)  
for Coupling Part.-No. SK23S  
for Plug Part.-No. SK12S

**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

## Features

- Brass coupling and plug for use with water
- Robust coupling system with steel sleeve

## Material

**Coupling:** Brass / Steel nickel plated  
**Plug:** Steel zinc plated or Brass (Serie 26)  
**Seals:** NBR

**Coupling:** Brass nickel plated  
**Plug:** Brass nickel plated  
**Seals:** NBR

## Technical Description

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

**Dead space volume:** 1,5 ml

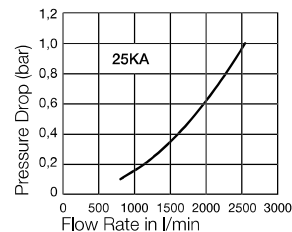
**Vacuum Coupling:** 96%  
Available on request with O-ring seal for vacuum when coupled.

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

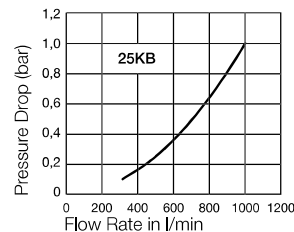
**Vacuum Coupling:** 96%  
**Vacuum Plug:** 96%  
Available on request with O-ring seal for vacuum when coupled.

## Flow diagrams

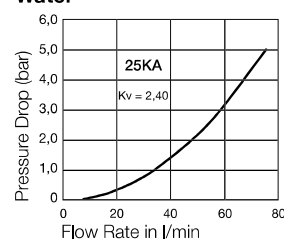
## Air



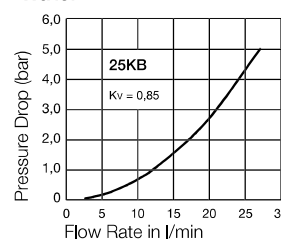
## Air



## Water



## Water



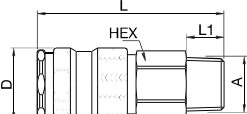
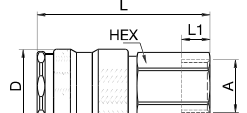
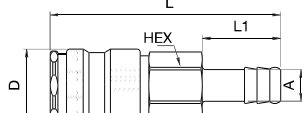
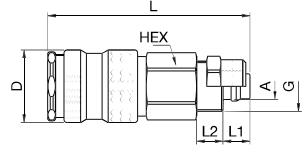
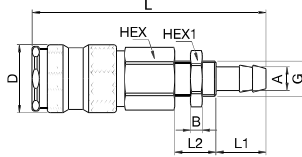
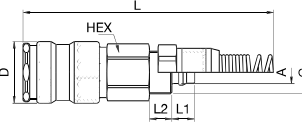


# Coupling – with valve

# Series 25KA

Brass/Steel

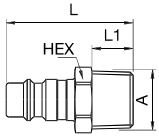
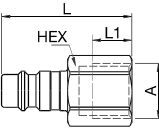
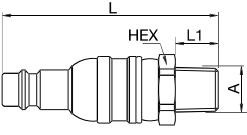
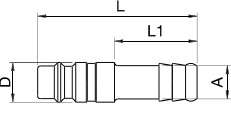
Low Pressure

	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	19		60	12		23				25KAAK13MPN
	R 3/8	19		60	12		23				25KAAK17MPN
	R 1/2	22		61	17		23				25KAAK21MPN
	M 14 x 1,5	19		59	10		23				25KAAD14MPN
	M 16 x 1,5	19		60	11		23				25KAAD16MPN
 <p>Female Thread</p>	G 1/4	19		56	10		23				25KAIW13MPN
	G 3/8	19		55	9		23				25KAIW17MPN
	G 1/2	24		58	12		23				25KAIW21MPN
 <p>Hose Barb</p>	6 mm	19		74	25		23				25KATF06MPN
	8 mm	19		74	25		23				25KATF08MPN
	9 mm	19		74	25		23				25KATF09MPN
	10 mm	19		74	25		23				25KATF10MPN
	13 mm	19		74	25		23				25KATF13MPN
 <p>with Plastic Hose Connection</p>	6 x 8 mm	19		61	7	6	23		M 12 x 1		25KAKO08MPN
	9 x 12 mm	19		65	9	8	23		M 16 x 1		25KAKO12MPN
 <p>Panel Mount with Hose Barb</p>	6 mm	19	17	76	17	10	23	4	M 12 x 1		25KATS06MPN
 <p>Plastic Hose Connection with Spring Guard</p>	6 x 8 mm	19		144	7	6	23		M 12 x 1		25KAKK08MPN



## Plugs – without valve

## Series 25KA

	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 1/8	13		33	9						25SFAK10SXZ	
	R 1/4	14		36,5	12						25SFAK13SXZ	
	R 3/8	17		37	12						25SFAK17SXZ	
	R 1/2	22		43	17						25SFAK21SXZ	
 <p>Female Thread</p>	G 1/8	14		30	5						25SFIW10SXZ	
	G 1/4	17		38,5	12						25SFIW13SXZ	
	G 3/8	19		39,5	12						25SFIW17SXZ	
	G 1/2	24		44	14						25SFIW21SXZ	
 <p>Flex Joint, Male Thread</p>	R 1/4	17		64	11					nickel plated	25FAAK13SPN	
 <p>Hose Barb</p>	6 mm			48	25		12				25SFTF06SXZ	
	8 mm			48	25		12				25SFTF08SXZ	
	9 mm			48	25		12				25SFTF09SXZ	
	10 mm			48	25		12				25SFTF10SXZ	
	13 mm			48	25		15				25SFTF13SXZ	

The right plug in brass design can be found under series 26 from page 60.