

Brass/Steel

Nominal Diameter

**9** = 63 mm<sup>2</sup>



Rectus Series

**40**

Low Pressure



Brass coupling system produced for raw applications. The system is suitable for use with non-aggressive liquid media. The couplings are corrosion resistant.

Coupling system with single-hand operation. The ergonomic sleeve design prevents dirt on the valve body.

Series 40 in brass material without nickel plating and with additional end connections available on request.

#### 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.

#### Material

**Coupling:** Brass nickel plated

**Plug:** Steel nickel plated

**Seals:** NBR

#### Technical Description

**Connecting Force 0 bar:** 60 N

**Connecting Force 6 bar:** 120 N

**Vacuum Coupling:** 60%

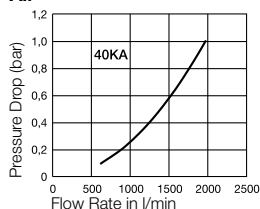
**Vacuum connected:** 96%

#### Interchangeability (KA only)

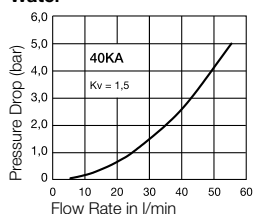
- ARO 310
- Orion 44520
- Orion 44530

#### Flow diagrams

##### Air



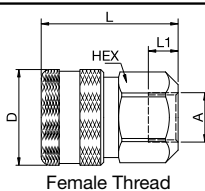
##### Water





## Couplings – with valve

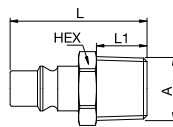
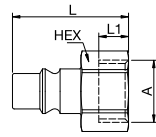
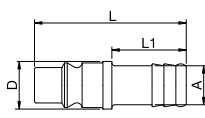
Series 40KA

	Connection A	HEX mm	L mm	L1 mm	D mm	Part Number
 <p>Female Thread</p>	G 3/8	27	46	10	32	40KAIW17MPN
	G 1/2	27	46	11	32	40KAIW21MPN



## Plugs – without valve

Series 40KA

	Connection A	HEX mm	L mm	L1 mm	D mm	Part Number
 <p>Male Thread</p>	R 3/8	16	40	12		40SFAK17SXN
	R 1/2	16	46	17		40SFAK21SXN
 <p>Female Thread</p>	G 3/8	19	35	9		40SFIW17SXN
	G 1/2	24	39	12		40SFIW21SXN
 <p>Hose Barb</p>	8 mm		51	25	16	40SFTF08SXN
	10 mm		51	25	16	40SFTF10SXN
	13 mm		51	25	16	40SFTF13SXN

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