

9 = 63 mm²



40



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%

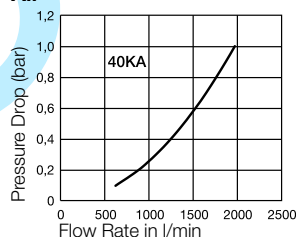
Vacuum connected: 96%

Interchangeability (KA only)

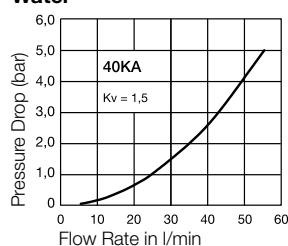
- ARO 310
- Orion 44520
- Orion 44530

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