



Technical Description

Modular integrated coupling and plug for installation in multi-coupling systems (series 08). High resilience, low coupling forces and great resistance to liquid media due to the special coating of the coupling body.

Working Temperature*

-15°C up to +100°C (NBR) depending on the medium.

* For temperatures below -15°C and over +100°C and depending on the medium, other seal variants (FKM, EPDM, FFKM) are available.



Working Pressure**

15 bar
** maximum static working pressure with safety factor 4 to 1.

15 bar

Features

- Minimal, almost imperceptible leakage when uncoupling
- No air locked into the system during the coupling process

Material

Coupling: Brass nickel plated, Steel PTFE coated
Plug: Brass nickel plated, Steel PTFE coated
Seals: FKM

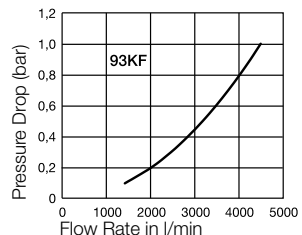
Coupling: Brass nickel plated, Steel PTFE coated
Plug: Brass nickel plated, Steel PTFE coated
Seals: FKM

Interchangeability

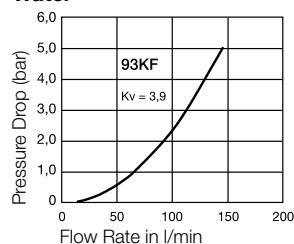
- Rectus Design

Flow diagrams

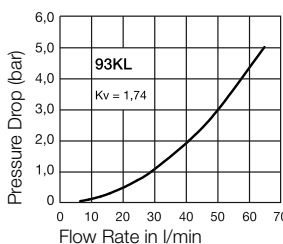
Air



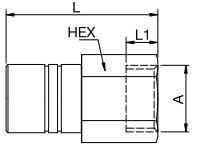
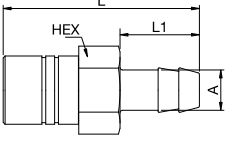
Water



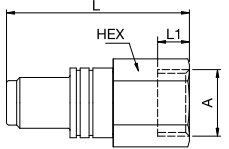
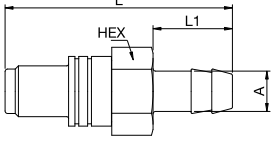
Water



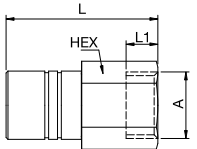
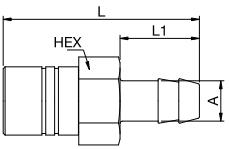
↔ Coupling – without valve Series 93KF

| | Connection A | HEX mm | HEX1 mm | L mm | L1 mm | L2 mm | D mm | B mm | G mm | Version | Part Number |
|--|--------------|--------|---------|------|-------|-------|------|------|------|---------|-------------|
|  <p>Female Thread</p> | G 1/2 | 24 | | 48 | 10,1 | | | | | | 93KFIW21SVN |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
|  <p>Hose Barb</p> | 13 mm | 24 | | 62 | 17 | | | | | | 93KFTF13SVN |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

↔ Plugs – without valve Series 93KF

| | Connection A | HEX mm | HEX1 mm | L mm | L1 mm | L2 mm | D mm | B mm | G mm | Version | Part Number |
|---|--------------|--------|---------|------|-------|-------|------|------|------|---------|-------------|
|  <p>Female Thread</p> | G 1/2 | 24 | | 57,5 | 10,1 | | | | | | 93SFIW21SXN |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
|  <p>Hose Barb</p> | 13 mm | 24 | | 68,5 | 25 | | | | | | 93SFTF13SXN |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

↔ Coupling – flat-sealing Series 93KL

| | Connection A | HEX mm | HEX1 mm | L mm | L1 mm | L2 mm | D mm | B mm | G mm | Version | Part Number | |
|--|--------------|--------|---------|------|-------|-------|------|------|------|---------|-------------|-------------|
|  <p>Female Thread</p> | G 1/2 | 24 | | 48 | 10,1 | | | | | | 93KLIW21SVN | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
|  <p>Hose Barb</p> | 9 mm | 24 | | 54 | 17 | | | | | | 93KLTF09SVN | |
| | 13 mm | 24 | | 62 | 25 | | | | | | | 93KLTF13SVN |
| | | | | | | | | | | | | |

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