

Technical Description

German industrial profile for compressed air applications. UltraFlo valve for optimum flow and low pressure drop. Robust structure, optimised with respect to size and performance. Especially suitable for oscillating forces due to steel sleeve and steel valve bodies. The collar design minimises damage to the valve body.

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 safety factor 4 to 1.

35 bar

Features

- Brass design particularly suited to use with liquids

Material

Coupling: Brass / Steel nickel plated
Plug: Steel nickel plated
Seals: NBR

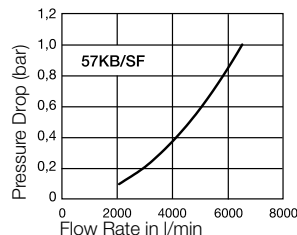
Coupling: Brass / Steel nickel plated
Plug: Brass nickel plated
Seals: NBR

Interchangeability

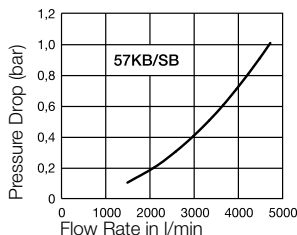
- Walther LP012

Flow diagrams

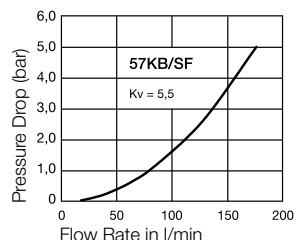
Air



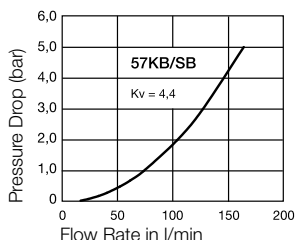
Air



Water



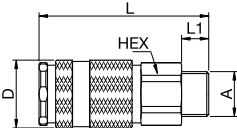
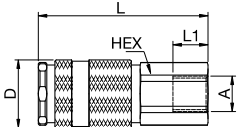
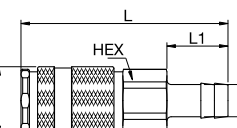
Water





Couplings – with valve

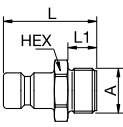
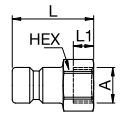
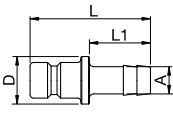
Series 57KB

| | 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> | G 1/2 | 34 | | 98 | 12 | | 40 | | | | 57KBAW21BPN |
| | G 3/4 | 34 | | 100 | 16 | | 40 | | | | 57KBAW26BPN |
| | G 1 | 41 | | 100 | 19 | | 40 | | | | 57KBAW33BPN |
| | | | | | | | | | | | |
|  <p>Female Thread</p> | G 1/2 | 34 | | 100 | 19 | | 40 | | | | 57KBIW21BPN |
| | G 3/4 | 34 | | 100 | 16 | | 40 | | | | 57KBIW26BPN |
| | G 1 | 41 | | 101 | 20 | | 40 | | | | 57KBIW33BPN |
| | | | | | | | | | | | |
|  <p>Hose Barb</p> | 16 mm | 34 | | 122 | 36 | | 40 | | | | 57KBTF16BPN |
| | 19 mm | 34 | | 122 | 36 | | 40 | | | | 57KBTF19BPN |
| | | | | | | | | | | | |



Plugs – without valve

Series 57SF

| | 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> | G 3/8 | 27 | | 49 | 12 | | | | | | 57SFAW17SXN |
| | G 1/2 | 27 | | 52 | 15 | | | | | | 57SFAW21SXN |
| | G 3/4 | 32 | | 55 | 17 | | | | | | 57SFAW26SXN |
| | G 1/2 | 41 | | 60 | 20 | | | | | | 57SFAW33SXN |
|  <p>Female Thread</p> | G 1/2 | 27 | | 48 | 15 | | | | | | 57SFIW21SXN |
| | G 3/4 | 32 | | 54 | 20 | | | | | | 57SFIW26SXN |
| | | | | | | | | | | | |
|  <p>Hose Barb</p> | 13 mm | | | 63 | 28 | | 28 | | | | 57SFTF13SXN |
| | 16 mm | | | 71 | 36 | | 28 | | | | 57SFTF16SXN |
| | 19 mm | | | 71 | 36 | | 28 | | | | 57SFTF19SXN |