

German industrial profile for compressed air applications. High Flow 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.

Series 57 with additional end connections available on request.



Working Pressure**

35 bar
** maximum static working pressure with design factor 4 to 1.

35 bar

Features

- Brass design particularly suited to use with liquids

Material

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

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Plug: Brass nickel plated
Seals: NBR

Technical Description

Connecting Force 0 bar: 150 N
Connecting Force 6 bar: 350 N

Dead space volume: 16 ml

Vacuum Coupling: 87%
Vacuum connected: 87%

Connecting Force 0 bar: 150 N
Connecting Force 6 bar: 350 N

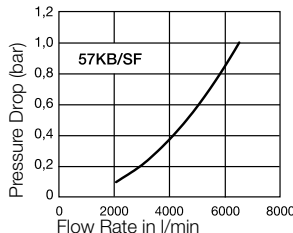
Vacuum Coupling: 96%
Vacuum Plug: 96%
Vacuum connected: 96%

Interchangeability (KA only)

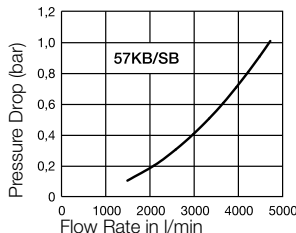
- Walther LP012

Flow diagrams

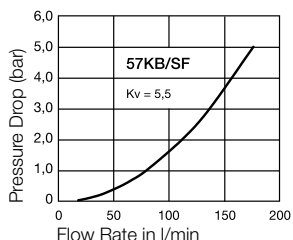
Air



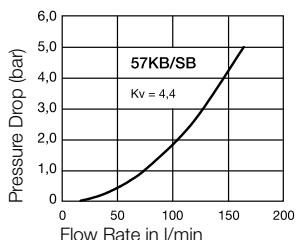
Air

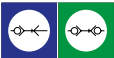


Water



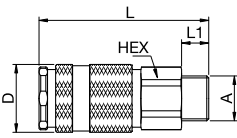
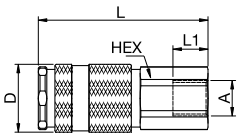
Water





Couplings – with valve

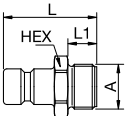
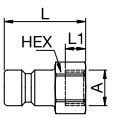
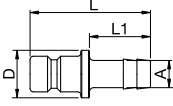
Series 57KB

	Connection A	HEX mm	L mm	L1 mm	D mm	Part Number
 <p>Male Thread</p>	G 1/2	34	98	12	40	57KBAW21BPN
	G 3/4	34	100	16	40	57KBAW26BPN
 <p>Female Thread</p>	G 1/2	34	100	19	40	57KBIW21BPN
	G 3/4	34	100	16	40	57KBIW26BPN



Plugs – without valve

Series 57SF

	Connection A	HEX mm	L mm	L1 mm	D mm	Part Number
 <p>Male Thread</p>	G 1/2	27	52	15		57SFAW21SXN
 <p>Female Thread</p>	G 1/2	27	48	15		57SFIW21SXN
	G 3/4	32	54	20		57SFIW26SXN
 <p>Hose Barb</p>	16 mm		71	36	28	57SFTF16SXN
	19 mm		71	36	28	57SFTF19SXN