

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.

Series 57 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.



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

**Vacuum Coupling:** 87%  
**Vacuum connected:** 87%

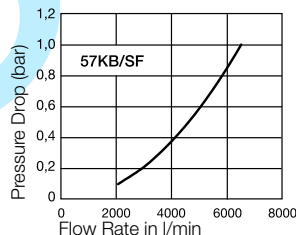
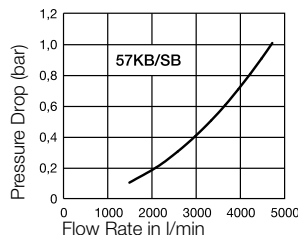
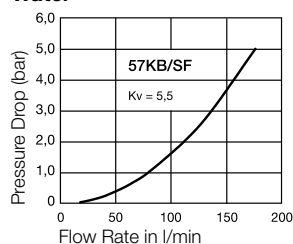
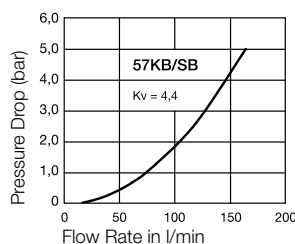
**Dead space volume:** 16 ml

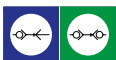
**Connecting Force 0 bar:** 150 N  
**Connecting Force 6 bar:** 350 N

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

**Interchangeability (KA only)**

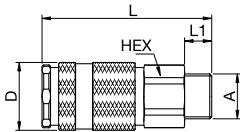
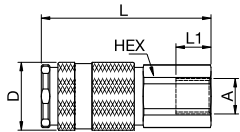
- Walther LP012

**Flow diagrams****Air****Air****Water****Water**



## Couplings – with valve

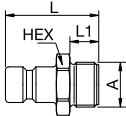
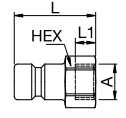
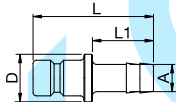
Series 57KB

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



## Plugs – without valve

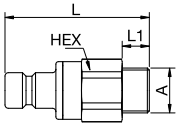
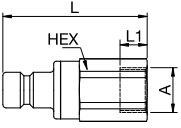
Series 57SF

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



## Plugs – with valve

## Series 57SB

	Connection A	HEX mm	L mm	L1 mm	D mm	Part Number
 <p>Male Thread</p>	G 1/2	34	83	12		57SBAW21MPN
	G 3/4	34	85	16		57SBAW26MPN
 <p>Female Thread</p>	G 1/2	34	85	19		57SBIW21MPN
	G 3/4	34	85	16		57SBIW26MPN

KOVAL