

Nominal Diameter

12 = 115 mm²

Rectus Series

57

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

Coupling: Brass nickel plated

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

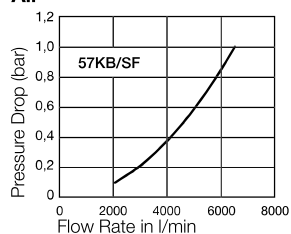
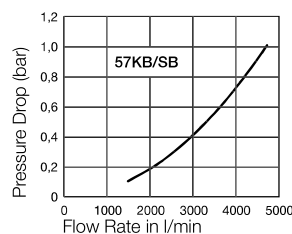
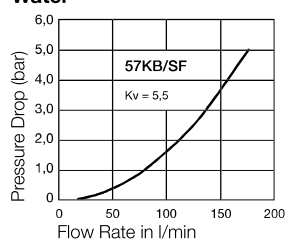
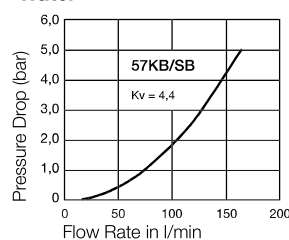
Vacuum Coupling: 96%

Vacuum Plug: 96%

Vacuum connected: 96%

Interchangeability (KA only)

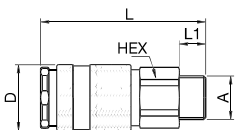
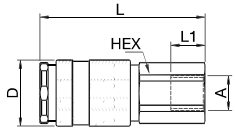
- Walther LP012

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



Couplings – with valve

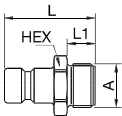
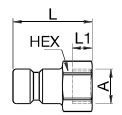
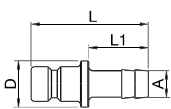
Series 57KB

	Connection A	HEX mm	L mm	L1 mm	D mm	Part Number
 <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

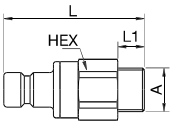
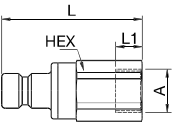
Series 57SF

	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



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