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.

KA Single Shut-Off

Working Pressure**

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

Features

Material

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

Technical Description

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

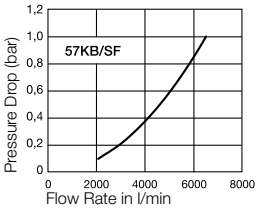
Vacuum Coupling: 87%
Vacuum connected: 87%

Interchangeability (KA only)

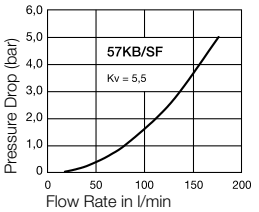
- Walther LP012

Flow diagrams

Air



Water



KB Double Shut-Off

35 bar

Features

- Brass design particularly suited to use with liquids

Material

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

Technical Description

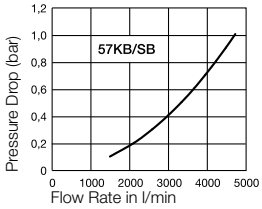
Dead space volume: 16 ml

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

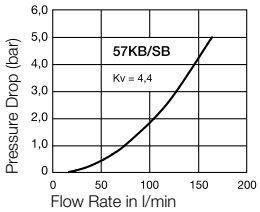
Vacuum Coupling: 96%
Vacuum Plug: 96%
Vacuum connected: 96%

Flow diagrams

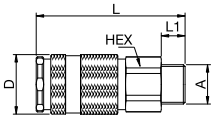
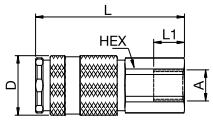
Air



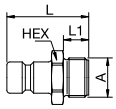
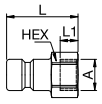
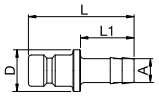
Water



Couplings – with valve — Series 57KB

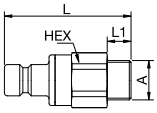
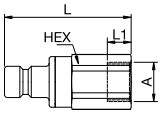
	Connection A	HEX mm	L mm	L1 mm	D mm	Part Number
 Male Thread	G 1/2	34	98	12	40	57KBAW21BPN
	G 3/4	34	100	16	40	57KBAW26BPN
 Female Thread	G 1/2	34	100	19	40	57KBIW21BPN
	G 3/4	34	100	16	40	57KBIW26BPN

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

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

Plugs – with valve — Series 57SB

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

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