



Technical Description

Coupling system with German industrial profile. Coupling system with single-hand operation. UltraFlo valve for optimum flow and low pressure drop. Robust coupling in slim design mainly for pneumatic applications. The steel sleeve counters oscillating forces. The high insertion depth is guaranteed by an optimised plug guide.

Dust Protections (P. 325) for Coupling Part.-No. SK23S

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**

50 bar

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

50 bar

Material

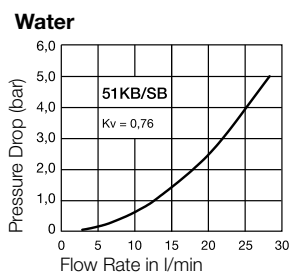
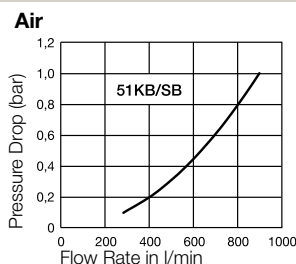
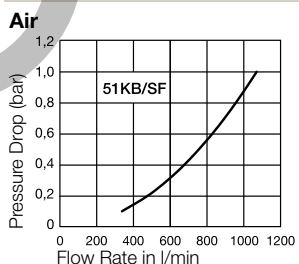
Coupling: Brass / Steel nickel plated
Plug: Steel nickel plated
Seals: NBR

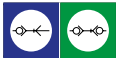
Coupling: Brass / Steel nickel plated
Plug: Brass / Steel nickel plated
Seals: NBR

Interchangeability

- Walther SP006

Flow diagrams





Couplings – with valve

Series 51KB

	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 1/4	22		61	9		22				51KBAW13SPN
	G 3/8	22		61	9		22				51KBAW17SPN
	G 1/2	22		61	12		22				51KBAW21SPN
<p>Female Thread</p>	G 1/4	22		63	12		22				51KBIW13SPN
	G 3/8	22		63	12		22				51KBIW17SPN
	G 1/2	24		64	13		22				51KBIW21SPN
<p>Hose Barb</p>	6 mm	21		78	25		22				51KBTF06SPN
	9 mm	21		78	25		22				51KBTF09SPN
	13 mm	21		78	25		22				51KBTF13SPN



Plugs – without valve

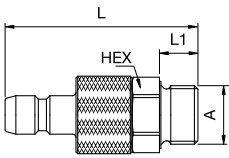
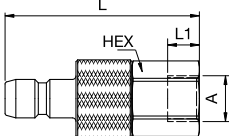
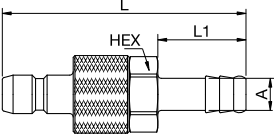
Series 51SF

	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 1/4	17		35	9						51SFAW13SXN
	G 3/8	19		36	9						51SFAW17SXN
<p>Female Thread</p>	G 1/4	17		34	11						51SFIW13SXN
	G 3/8	19		34	11						51SFIW17SXN
<p>Hose Barb</p>	6 mm			46	25		11				51SFTF06SXN
	9 mm			46	25		11				51SFTF09SXN



Plugs – with valve

Series 51SB

	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 1/4	19		54	8						51SBAW13SPN
	G 3/8	22		49,5	9						51SBAW17SPN
	G 1/2	22		49,5	12						51SBAW21SPN
 <p>Female Thread</p>	G 1/4	22		51,5	12						51SBIW13SPN
	G 3/8	22		51,5	12						51SBIW17SPN
 <p>Hose Barb</p>	6 mm	21		65,5	25						51SBTF06SPN
	9 mm	21		65,5	25						51SBTF09SPN
	13 mm	21		65,5	25						51SBTF13SPN