



Coupling system with German industrial profile. Coupling system with single-hand operation. High Flow 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.

Series 52 with additional end connections available on request.

Dust Protections  (P. 250) for Coupling Part.-No. SK23S for Plug Part.-No. SK12S

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
Seal: NBR

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

Technical Description

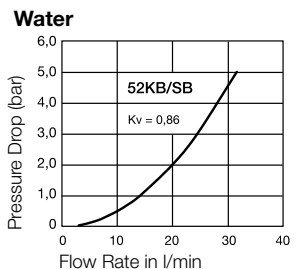
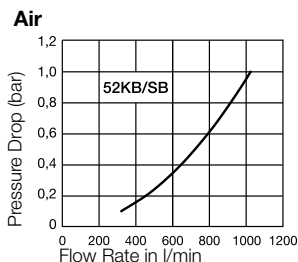
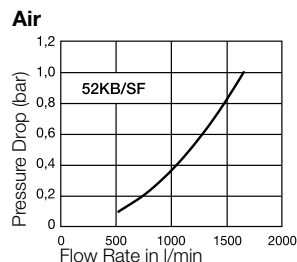
Connecting Force 0 bar: 60 N
Connecting Force 6 bar: 120 N

Connecting Force 0 bar: 65 N
Connecting Force 6 bar: 135 N

Interchangeability (KA only)

- Walther LP006

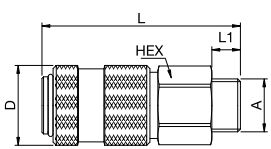
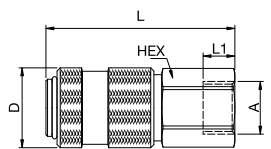
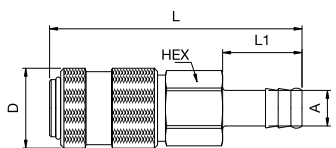
Flow diagrams





Couplings – with valve

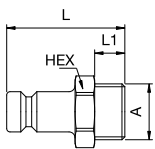
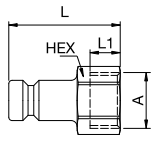
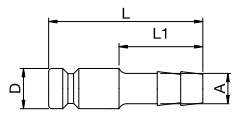
Series 52KB

	Connection A	HEX mm	L mm	L1 mm	D mm	Part Number
 Male Thread	G 1/4	22	62	9	25	52KBAW13SPN
	G 3/8	22	62	9	25	52KBAW17SPN
	G 1/2	22	65	12	25	52KBAW21SPN
 Female Thread	G 1/4	22	62	10	25	52KBIW13SPN
	G 3/8	22	60	10	25	52KBIW17SPN
	G 1/2	22	65	13	25	52KBIW21SPN
 Hose Barb	9 mm	21	80	25	25	52KBTf09SPN



Plugs – without valve

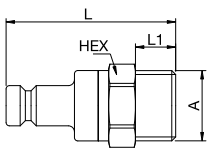
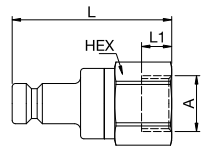
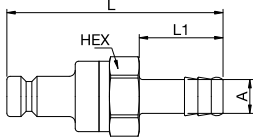
Series 52SF

	Connection A	HEX mm	L mm	L1 mm	D mm	Part Number
 Male Thread	G 1/4	17	35	9		52SFAW13SXN
	G 3/8	19	35	9		52SFAW17SXN
 Female Thread	G 1/4	17	33	9		52SFIW13SXN
	G 3/8	19	33	9		52SFIW17SXN
	G 1/2	24	36	12		52SFIW21SXN
 Hose Barb	6 mm		46	25	12	52SFTF06SXN
	9 mm		46	25	12	52SFTF09SXN
	13 mm		53	30	12	52SFTF13SXN



Plugs – with valve

Series 52SB

	Connection A	HEX mm	L mm	L1 mm	D mm	Part Number	
 <p>Male Thread</p>	G 1/4	22	48	9		52SBAW13SPN	
	G 3/8	22	48	9		52SBAW17SPN	
	G 1/2	22	48	12		52SBAW21SPN	
 <p>Female Thread</p>	G 1/4	22	48	9		52SBIW13SPN	
	G 3/8	22	48	9		52SBIW17SPN	
 <p>Hose Barb</p>	6 mm	21	77,5	25		52SBTF06SPN	
	8 mm	21	77,5	25		52SBTF08SPN	
	9 mm	21	77,5	25		52SBTF09SPN	
	10 mm	21	77,5	25		52SBTF10SPN	
	13 mm	21	77,5	25		52SBTF13SPN	