



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 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

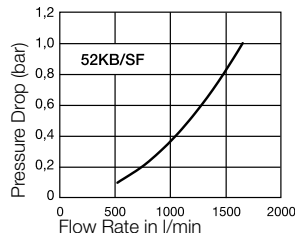
Coupling: Brass / Steel nickel plated
Plug: Brass / Steel nickel plated
Seals: NBR

Interchangeability

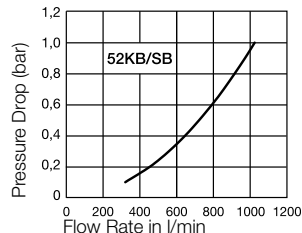
- Walther LP006

Flow diagrams

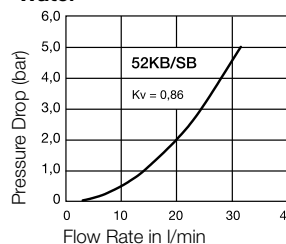
Air

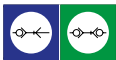


Air



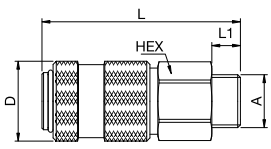
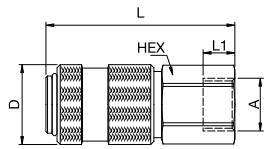
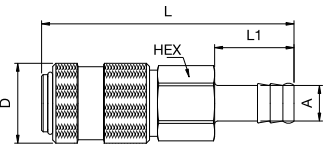
Water





Couplings – with valve

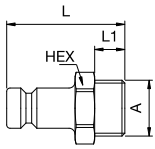
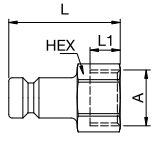
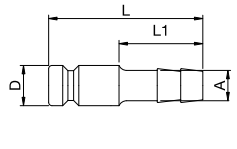
Series 52KB

	Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Version	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	6 mm	21		79	25		25				52KBTF06SPN
	9 mm	21		80	25		25				52KBTF09SPN
	10 mm	21		80	25		25				52KBTF10SPN
	11 mm	21		80	25		25				52KBTF11SPN
	13 mm	21		79	25		25				52KBTF13SPN



Plugs – without valve

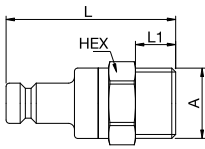
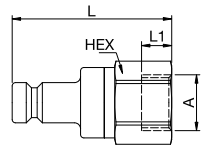
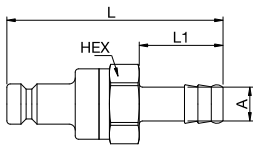
Series 52SF

	Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Version	Part Number
 Male Thread	G 1/8	14		32	7						52SFAW10SXN
	G 1/4	17		35	9						52SFAW13SXN
	G 3/8	19		35	9						52SFAW17SXN
	G 1/2	24		38	12						52SFAW21SXN
 Female Thread	G 1/8	14		31	7						52SFIW10SXN
	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
	11 mm			53	30		12				52SFTF11SXN
	13 mm			53	30		12				52SFTF13SXN



Plugs – with valve

Series 52SB

	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		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	