Nominal Diameter

6 = 30 mm²

Rectus Series

52



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.

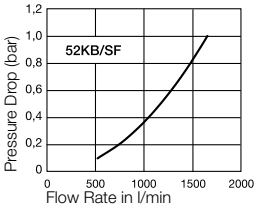
KA Single Shut-Off	KB Double Shut-Off
Working Pressure**	
50 bar ** maximum static working pressure with design factor 4 to 1.	50 bar
Material	
Coupling: Brass / Steel nickel plated **Plug:** Steel nickel plated **Seal:** NBR	**Coupling:** Brass / Steel nickel plated **Plug:** Brass / Steel nickel plated **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)

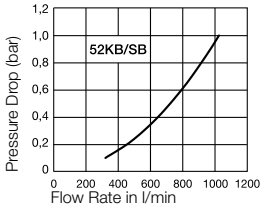
- Walther LP006

Flow diagrams

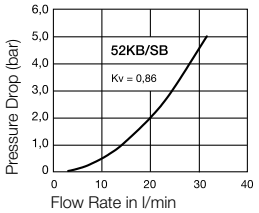
Air



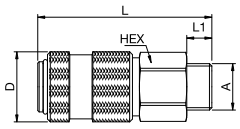
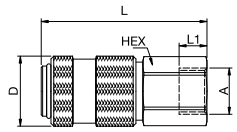
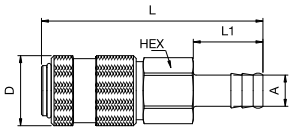
Air



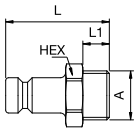
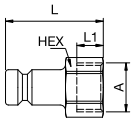
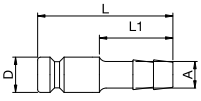
Water



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

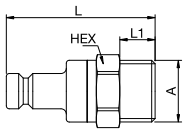
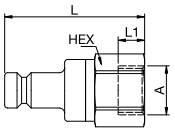
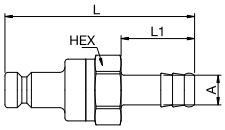
Plugs – without valve — Series 52SF

	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

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

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Plugs – with valve — Series 52SB

	Connection A	HEX mm	L mm	L1 mm	D mm	Part Number
 Male Thread	G 1/4	22	48	9		52SBAW13SPN
	G 3/8	22	48	9		52SBAW17SPN
	G 1/2	22	48	12		52SBAW21SPN
 Female Thread	G 1/4	22	48	9		52SBIW13SPN
	G 3/8	22	48	9		52SBIW17SPN
 Hose Barb	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

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