



Compact industrial coupling system in brass for use with numerous gaseous and liquid media. High Flow valve for optimum flow and low pressure drop.

Series 39 in brass material without nickel plating and 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.

**Working Pressure\*\***

35 bar

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



35 bar



8 bar

**Features**

- Minimal, almost imperceptible leakage when uncoupling
- No air locked into the system during the coupling process

**Material**

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

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**Plug:** Brass nickel plated  
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**Technical Description**

**Connecting Force 0 bar:** 120 N  
**Connecting Force 6 bar:** 460 N

**Vacuum Coupling:** 60%

**Dead space volume:** 14,5 ml

**Connecting Force 0 bar:** 100 N  
**Connecting Force 6 bar:** 450 N

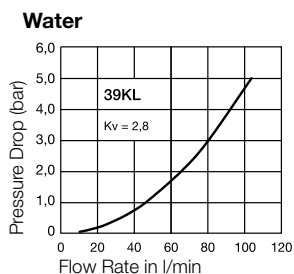
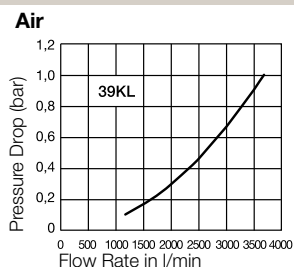
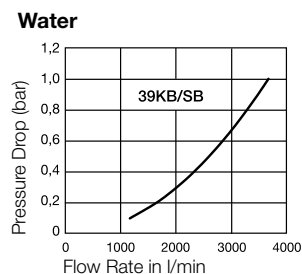
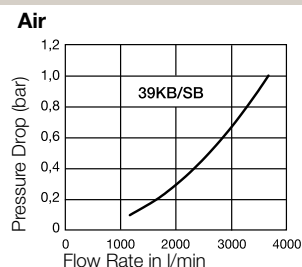
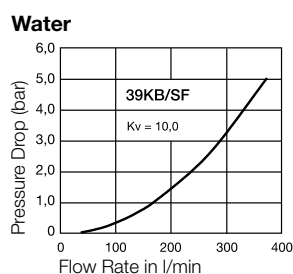
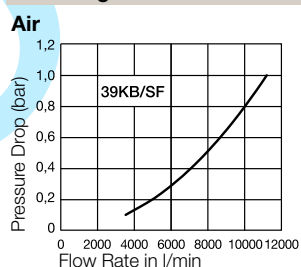
**Vacuum Coupling:** 60%

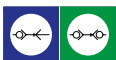
**Connecting Force 0 bar:** 100 N  
**Connecting Force 6 bar:** 450 N

**Vacuum Coupling:** 96%  
**Vacuum connected:** 96%

**Interchangeability (KA only)**

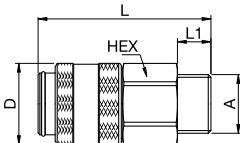
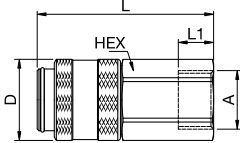
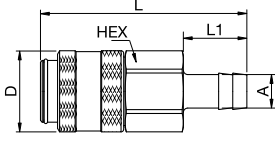
- Hansen 7000

**Flow diagrams**



## Couplings – with valve

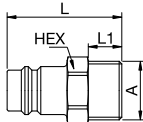
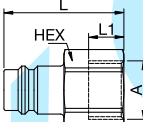
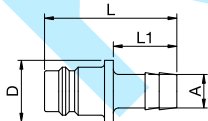
Series 39KB

	Connection A	HEX mm	L mm	L1 mm	D mm	Version	Part Number
 Male Thread	G 1	41	98	19	46		39KBAW33MPN
 Female Thread	G 1	41	100	20	46		39KBIW33MPN
 Hose Barb	25 mm	41	125	48	46		39KBTf25MPN



## Plugs – without valve

Series 39SF

	Connection A	HEX mm	L mm	L1 mm	D mm	Version	Part Number
 Male Thread	G 3/4	30	60	16		blank	39SFAW26MXX
	G 1	34	65	19		nickel plated	39SFAW33MXN
 Female Thread	G 1	41	68	24		nickel plated	39SFIW33MXN
 Hose Barb	19 mm		75	36	35	nickel plated	39SFTF19MXN



## Plugs – with valve

## Series 39SB

	Connection A	HEX mm	L mm	L1 mm	D mm	Version	Part Number
 Male Thread	G 1	41	95	19			39SBAW33MPN
 Female Thread	G 1	41	97	24			39SBIW33MPN
 Hose Barb	25 mm	41	124	48			39SBTF25MPN

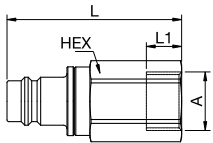
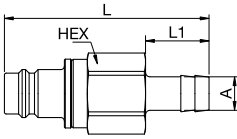


## Couplings – flat sealing

## Series 39KL

	Connection A	HEX mm	L mm	L1 mm	D mm	Version	Part Number
 Male Thread	G 1	41	98	19	46		39KLAW33MPN
 Female Thread	G 1	41	100	20	46		39KLIW33MPN



	Connection A	HEX mm	L mm	L1 mm	D mm	Version	Part Number
 Female Thread	G 1	41	97	24			39SLIW33MPN
 Hose Barb	19 mm	41	114	36			39SLTF19MPN