Nominal Diameter

19 = 300 mm²

Rectus Series

39



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.

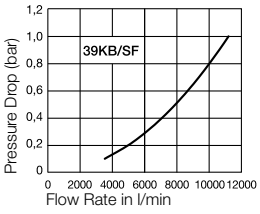
* For temperatures below -20°C and over +100°C and depending on the medium, other seal variants (FKM, EPDM, FFKM) are available.

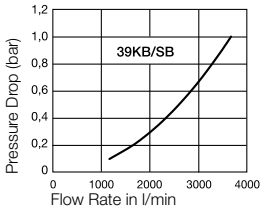
KA Single Shut-Off	KB Double Shut-Off	KL Dry-break
Working Pressure** 35 bar ** maximum static working pressure with design factor 4 to 1.	35 bar	8 bar
Features		• Minimal, almost imperceptible leakage when uncoupling • No air locked into the system during the coupling process
Material **Coupling:** Brass nickel plated **Plug:** Brass **Seals:** NBR	**Material** **Coupling:** Brass nickel plated **Plug:** Brass nickel plated **Seals:** NBR	**Material** **Coupling:** Brass nickel plated **Plug:** Brass nickel plated **Seals:** NBR
Technical Description **Connecting Force 0 bar:** 120 N **Connecting Force 6 bar:** 460 N **Vacuum Coupling:** 60%	**Technical Description** **Dead space volume:** 14,5 ml **Connecting Force 0 bar:** 100 N **Connecting Force 6 bar:** 450 N **Vacuum Coupling:** 60%	**Technical Description** **Connecting Force 0 bar:** 100 N **Connecting Force 6 bar:** 450 N **Vacuum Coupling:** 96% **Vacuum connected:** 96%

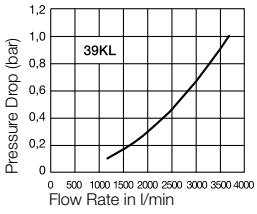
Interchangeability (KA only)
- Hansen 7000

Flow diagrams

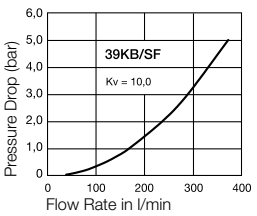
Air

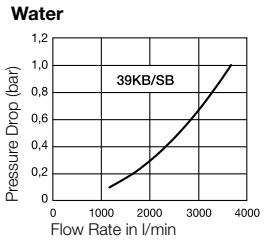


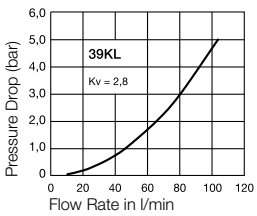




Water

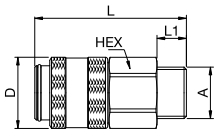
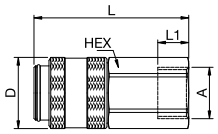
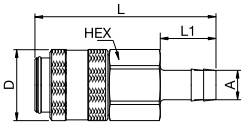




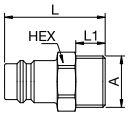
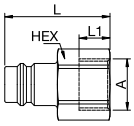
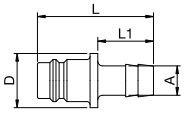


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Couplings – with valve — Series 39KB

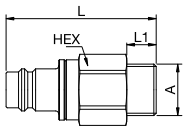
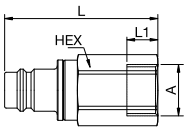
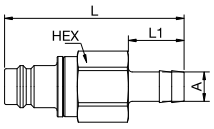
	Connection A	HEX mm	L mm	L1 mm	D mm	Version	Part Number
 Male Thread	G 1	41	98	19	46		39KBAW33MPN
 Female Thread	G 1	41	100	20	46		39KBIW33MPN
 Hose Barb	25 mm	41	125	48	46		39KBTF25MPN

Plugs – without valve — Series 39SF

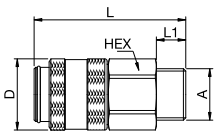
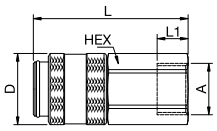
	Connection A	HEX mm	L mm	L1 mm	D mm	Version	Part Number
 Male Thread	G 3/4	30	60	16		blank	39SFAW26MXX
	G 1	34	65	19		nickel plated	39SFAW33MXN
 Female Thread	G 1	41	68	24		nickel plated	39SFIW33MXN
 Hose Barb	19 mm		75	36	35	nickel plated	39SFTF19MXN

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

Plugs – with valve — Series 39SB

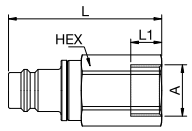
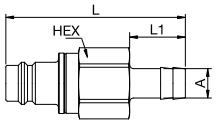
	Connection A	HEX mm	L mm	L1 mm	D mm	Version	Part Number
 Male Thread	G 1	41	95	19			39SBAW33MPN
 Female Thread	G 1	41	97	24			39SBIW33MPN
 Hose Barb	25 mm	41	124	48			39SBTF25MPN

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

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Plugs – flat sealing — Series 39KL

	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

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