Nominal Diameter
4/6/9

Rectus Series
200



Dry-break coupling system for applications in sensitive environments, for example in analysis technology, in cooling systems, in transport systems and many applications with aggressive media.
Coupling system with single-hand operation, extremely low leakage rates and minimal dead space volume. Absolutely no air pockets when coupling and only a barely noticeable film of the medium being channelled on the valve bodies when uncoupling. Ergonomic sleeve design. Low coupling forces. Valve body protected by collar design.

Working Temperature*
-20°C up to +100°C (NBR)
-15°C bis +200°C (FKM)
depending on the medium.

* For temperatures below -20°C and over +200°C and depending on the medium, other seal variants (EPDM, FFKM) are available.

KL Dry-break

Working Pressure**
15 bar
** maximum static working pressure with design factor 4 to 1.

Material
Coupling: Brass nickel plated or Stainless Steel
Plug: Brass nickel plated or Stainless Steel
Seals: NBR or FKM

Technical Description

Series 204KL
Dead space volume: 0,015 ml

Connecting Force 0 bar: 70 N
Connecting Force 6 bar: 100 N

Vacuum Coupling: 95%
Vacuum Plug: 95%
Vacuum connected: 95%

Series 206KL
Dead space volume: 0,035 ml

Connecting Force 0 bar: 80 N
Connecting Force 6 bar: 150 N

Vacuum Coupling: 95%
Vacuum Plug: 95%
Vacuum connected: 95%

Series 209KL
Dead space volume: 0,072 ml

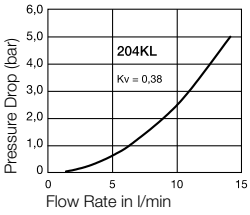
Connecting Force 0 bar: 130 N
Connecting Force 6 bar: 270 N

Vacuum Coupling: 95%
Vacuum Plug: 95%
Vacuum connected: 95%

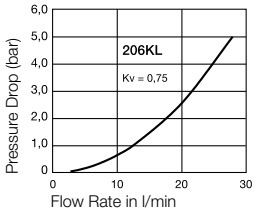
Interchangeability
- Rectus Design

Flow diagrams

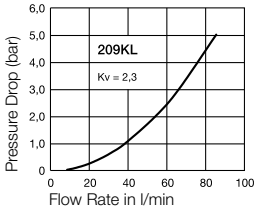
Water



Water

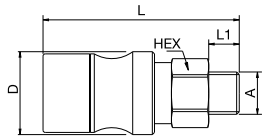
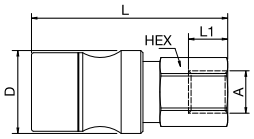


Water

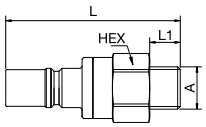


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Couplings – flat sealing — Series 200KL

	NW	Connection A	HEX mm	L mm	L1 mm	D mm	Version	Part Number
 Male Thread	4	G 1/8	14	45	7	19	Brass	204KLAW10MPN
	4	G 1/8	14	45	7	19	AISI 316 L	204KLAW10EVX
	4	G 1/4	17	47	9	19	Brass	204KLAW13MPN
	4	G 1/4	17	47	9	19	AISI 316 L	204KLAW13EVX
	6	G 3/8	22	68,5	9	25,5	Brass	206KLAW17MPN
	6	G 3/8	22	68,5	9	25,5	AISI 316 L	206KLAW17EVX
	6	G 1/2	22	71,5	12	25,5	Brass	206KLAW21MPN
	6	G 1/2	24	71,5	12	25,5	AISI 316 L	206KLAW21EVX
 Female Thread	4	G 1/8	14	45	9	19	Brass	204KLIW10MPN
	4	G 1/8	14	45	9	19	AISI 316 L	204KLIW10EVX
	4	G 1/4	17	47	9	19	Brass	204KLIW13MPN
	4	G 1/4	17	47	9	19	AISI 316 L	204KLIW13EVX
	6	G 3/8	22	68,5	7	25,5	Brass	206KLIW17MPN
	6	G 3/8	22	68,5	9	25,5	AISI 316 L	206KLIW17EVX
	6	G 1/2	24	71,5	10	25,5	Brass	206KLIW21MPN
	6	G 1/2	24	71,5	12	25,5	AISI 316 L	206KLIW21EVX
	9	G 1/2	27	92	14	33	Brass	209KLIW21MPN
	9	G 1/2	27	92	16	33	AISI 316 L	209KLIW21EVX
	9	G 3/4	32	94	14	33	Brass	209KLIW26MPN
	9	G 3/4	32	94	16	33	AISI 316 L	209KLIW26EVX

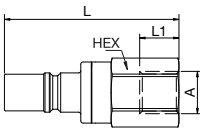
Plugs – flat sealing — Series 200KL

	NW	Connection A	HEX mm	L mm	L1 mm	D mm	Version	Part Number
 Male Thread	4	G 1/8	14	40	7		Brass	204SLAW10MPN
	4	G 1/8	14	40	7		AISI 316 L	204SLAW10EVX
	4	G 1/4	17	42	9		Brass	204SLAW13MPN
	4	G 1/4	17	42	9		AISI 316 L	204SLAW13EVX
	6	G 3/8	22	51	9		Brass	206SLAW17MPN
	6	G 3/8	22	55	9		AISI 316 L	206SLAW17EVX
	6	G 1/2	22	54	12		Brass	206SLAW21MPN
	6	G 1/2	24	54	12		AISI 316 L	206SLAW21EVX

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

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Plugs – flat sealing — Series 200KL



Female Thread

NW	Connection A	HEX mm	L mm	L1 mm	D mm	Version	Part Number
4	G 1/8	14	40	9		Brass	204SLIW10MPN
4	G 1/8	14	40	9		AISI 316 L	204SLIW10EVX
4	G 1/4	17	42	7		Brass	204SLIW13MPN
4	G 1/4	17	42	9		AISI 316 L	204SLIW13EVX
6	G 3/8	22	51	7		Brass	206SLIW17MPN
6	G 3/8	22	51	9		AISI 316 L	206SLIW17EVX
6	G 1/2	24	54	10		Brass	206SLIW21MPN
6	G 1/2	24	54	12		AISI 316 L	206SLIW21EVX
9	G 1/2	27	79,5	14		Brass	209SLIW21MPN
9	G 1/2	27	79,5	16		AISI 316 L	209SLIW21EVX
9	G 3/4	32	81,5	14		Brass	209SLIW26MPN
9	G 3/4	32	81,5	16		AISI 316 L	209SLIW26EVX

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