



Nominal Diameter

9 = 63.5 mm²

RECTUS Series

209KL


70 % of actual size

reddot design award
winner 2007

You will find the following alternative versions in our current catalogue on page:

► Brass/Steel Dry-Break P. 166

Technical Description

Dry-break coupling systems, which stand out for their extremely low leakage rates and a minimum volume of dead space. No air locks whatsoever during connecting and negligible film of channelled medium on the valve bodies when disconnecting. Coupling systems for applications in sensitive environments, such as in analysis technology, cooling circuits, transport systems and many applications with aggressive medium.

Advantages

Single-handed operation. Easy handling. Ergonomic sleeve shape. Low connecting forces. Valve body protected by collar design.

Extremely low dead volume remaining.

Compatibility

RECTUS Design

Working Pressure

PB = 15 bar, maximum static working pressure with safety factor of 4 to 1.

Working Temperature*

-15°C to +200°C (FKM)
Other sealing materials available on request.

Material**Coupling**

Back Body
Valve Body
Sleeve
Valve
Spring and Locking Ring
Locking Balls
Seals

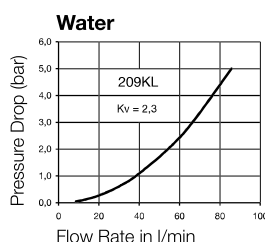
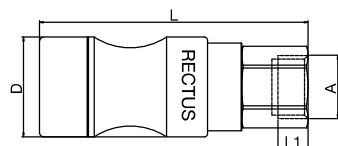
AISI 316 L

AISI 316 L
AISI 316 L
AISI 316 L
AISI 316 L
AISI 316 Ti
AISI 316
FKM

Plug

Plug Profile
Back Body
Valve
Spring
Seal

AISI 316 L
AISI 316 L
AISI 316 L
AISI 316 Ti
FKM

Chart**Couplings****RECTUS Series 209KL**

Male Thread

Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number	DS
G 1/2	27	92	33	16					AISI 316 L	209KL IW21 EVX	■ □
G 3/4	32	94	33	16					AISI 316 L	209KL IW26 EVX	■ □

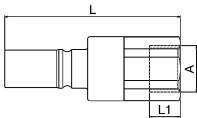
DS = Delivery Status: ■ in stock

□ on short call

□ medium term delivery

Valved Plugs

RECTUS Series 209KL

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number	DS
 <p>Female Thread</p>	G 1/2	27	79,5	16						AISI 316 L	209SL IW21 EVX	■
	G 3/4	32	81,5	16						AISI 316 L	209SL IW26 EVX	■