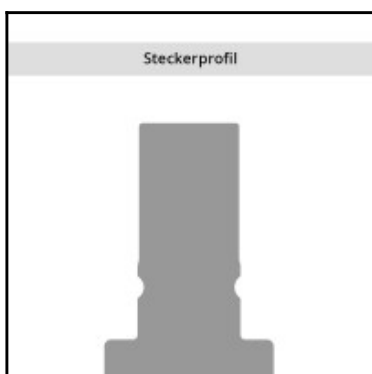
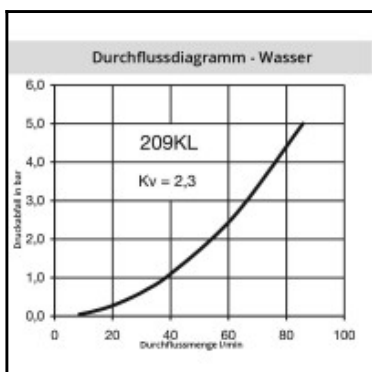
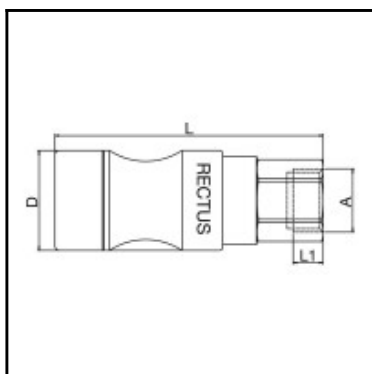


Datasheet of 209KLIW21MPN Quick coupling with female thread



Description

Quick coupling dry-break double shut-off, female thread G 1/2, nominal diameter 9, <15 bar, brass nickel plated, seal NBR

Leak-free 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.

Details

Series:	209
Series long:	209KL
Bore in mm:	9
Bore area in mm²:	63,5
Advantages:	One-hand operation. Simple handling. Ergonomic sleeve design. Low coupling forces. Valve body protected by collar design. Extremely low leakage.
Compatibility:	RECTUS Design
Working pressure:	PB = 15 bar maximum static working pressure with safety factor 4 to 1.
Working temperature:	-20°C up to +100°C (NBR) other sealing materials available on request.
Shut-Off:	Quick coupling Dry-Break (double shut-off)
Connection:	Female thread 1/2"
Connection description:	Female pipe thread of Whitworth form ISO 228 1/2"
Connection type:	Female thread
Material:	Brass nickel plated
Material description:	Brass CuZn39Pb3 2.0401 (except sleeve)
Seal description:	Nitrite-butadiene rubber
Surface:	nickel plated
Material connection:	Brass nickel plated
Material valve body:	Brass nickel plated
Material sleeve:	Brass nickel plated
Material valve:	Brass nickel plated
Material spring snap ring:	stainless steel AISI 303
Material balls/pins:	Stainless steel AISI 420
Material seal:	Perbunan®
Weight in kg:	0,3215
Self-venting coupling:	No
Safety locking system:	No
Single-hand operation:	Yes
Two-hand operation:	No
Ball locking:	Yes
Pin lock:	No
Ultra-FLO-valve:	No
Vacuum suitable:	Yes
Water-resistant:	Yes
Flat-sealing:	Yes
Suitable breath / respiratory protection:	No
Pressure eliminator:	No
Hydraulics:	No
Pneumatics:	Yes
Standard product:	No
Mould coupling:	No

Dimensions

Connection A:	G 1/2
D mm:	33
L mm:	92
L1 mm:	14
SW mm:	27