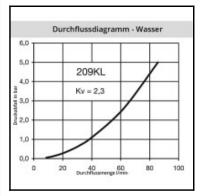
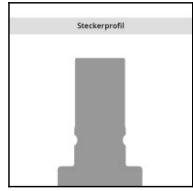


Datasheet of 209KLIW21EEX Quick coupling with female thread D U S T R I E



RECTUS





Description

Quick coupling dry-break double shut-off, female thread G 1/2, nominal diameter 9, <15 bar, stainless steel AISI 316 L, seal EPDM

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 medio. 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 long: Bore in mm: 9 Bore area in mm²: 63.5 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 120°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 thread 1/2" Connection type: Female thread of Whitworth form ISO 228 1/2" Material: stainless steel AISI 316 L stainless steel 1.4404 Seal description: Surface: blank finish Material valve body: Material sleeve: stainless steel AISI 316 L stainless st		
Bore in mm²: Bore area in mm²: Bore area in mm²: Advantages: Compatibility: RECTUS Design PB = 15 bar maximum static working pressure with safety factor 4 to 1. 20°C up to +100°C (NBR) other sealing materials available on request. Working temperature: Working temperature with safety factor 4 to 1. 20°C up to +100°C (NBR) other sealing materials available on request. Quick coupling Dry-Break (double shut-off) Connection temperature: Pemale thread 112° Connection description: Female thread of Whitworth form ISO 228 1/2° Female thread of Whitworth form ISO 228 1/2° Female thread of Whitworth form ISO 228 1/2° Female thread 1/2° Connection type: Female thread of Whitworth form ISO 228 1/2° Female thread 1/2° Connection type: Female thread of Whitworth form ISO 228 1/2° Female thread 1/2° Connection type: Female thread 1/2° Connection type: Female thread 1/2° Fema	Series:	209
Bore area in mm²: Bore area in mm²: Advantages: Compatibility: Compatibility: RECTUS Design Working pressure: Working pressure: Working temperature: Shut-Off: Connection: Connection: Female thread 1/2* Connection description: Connection description: Connection description: Emale thread 1/2* Connection type: Material description: Surface: Material connection: Material valve body: Material valve body: Material spring snap ring: Material spring snap ring: Material balls/pins: Material balls/pins: Self-venting coupling: Self-venting coupling: No Safety locking system: No Safety locking system: No No Sall locksing: Pessure self-venting coupling: No Vessure self-venting coupling: No Safety-restring coupling: No No Pressure eliminator: Yes Water-resistant: Yes Suitable breath / respiratory protection: No Pressure eliminator: No Pressure eliminator: No Pressure eliminator: No Presure eliminator: No Presure eliminator: No Presure eliminator: No Pressure eliminator: No Presure eliminator: No Presure eliminator: No	Series long:	209KL
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Material description: Seal description: Ethylene-propylene-diene rubber Surface: blank finish Material connection: Stainless steel AISI 316 L Material valve body: Material sleeve: Material valve: Stainless steel AISI 316 L Material spring snap ring: Material balls/pins: Stainless steel AISI 316 L Material balls/pins: Stainless steel AISI 316 L Material balls/pins: Stainless steel AISI 316 T Material balls/pins: Molesian steel AISI 316 T Molesian steel AISI	Connection type:	Female thread
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Surface: blank finish Material connection: Material valve body: Material sleeve: Material sleeve: Stainless steel AISI 316 L Material sleeve: Stainless steel AISI 316 L Material spring snap ring: Material spring snap ring: Material balls/pins: Stainless steel AISI 316 L Material balls/pins: Stainless steel AISI 316 L Material balls/pins: Stainless steel AISI 316 I Material balls/pins: Stainless steel AISI 316 N Weight in kg: 0,3043 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: Vacuum suitable: Yes Water-resistant: Yes Flat-sealing: Yes Suitable breath / respiratory protection: No Pressure eliminator: No Pneumatics: Yes	Material description:	stainless steel 1.4404
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Material valve body: Material sleeve: Material sleeve: Material spring snap ring: Material balls/pins: Material balls/pins: Material coupling: Self-venting coupling: Safety locking system: Single-hand operation: Two-hand operation: Mo Ball locking: Pin lock: Witra-FLO-valve: Water-resistant: Yes Water-resistant: Yes Suitable breath / respiratory protection: No Material valve: Stainless steel AISI 316 L Stainless steel AISI 316 Stainless steel AISI 31	Surface:	blank finish
Material sleeve: Material valve: Material valve: Material spring snap ring: Material spring snap ring: Material balls/pins: Material balls/pins: Stainless steel AISI 316 I Mo Weight in kg: No 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 Pheumatics: Yes	Material connection:	stainless steel AISI 316 L
Material valve: Material spring snap ring: Material balls/pins: Material balls/pins: Stainless steel AISI 316Ti Material balls/pins: Stainless steel AISI 316 Weight in kg: 0,3043 Self-venting coupling: No Safety locking system: No Single-hand operation: Two-hand operation: No Ball locking: Yes Pin lock: No Ultra-FLO-valve: Vacuum suitable: Yes Water-resistant: Yes Flat-sealing: Suitable breath / respiratory protection: No Pressure eliminator: No Pneumatics: Yes	Material valve body:	stainless steel AISI 316 L
Material spring snap ring: Material balls/pins: Stainless steel AISI 316Ti Material balls/pins: Stainless steel AISI 316 O,3043 Self-venting coupling: No Safety locking system: No Single-hand operation: Two-hand operation: No Ball locking: Pin lock: No Ultra-FLO-valve: Vacuum suitable: Water-resistant: Yes Water-resistant: Yes Suitable breath / respiratory protection: No Pressure eliminator: No Pneumatics: Yes	Material sleeve:	stainless steel AISI 316 L
Material balls/pins: Weight in kg: O,3043 Self-venting coupling: No Safety locking system: No Single-hand operation: Two-hand operation: No Ball locking: Pin lock: No Ultra-FLO-valve: Vacuum suitable: Water-resistant: Flat-sealing: Suitable breath / respiratory protection: Pressure eliminator: No No Stainless steel AISI 316 O,3043 No No No No Single-hand operation: No No No No No No No No No N	Material valve:	stainless steel AISI 316 L
Weight in kg: 0,3043 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	Material spring snap ring:	Stainless steel AISI 316Ti
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	Material balls/pins:	Stainless steel AISI 316
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	Weight in kg:	0,3043
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	Self-venting coupling:	No
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	Safety locking system:	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	Single-hand operation:	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	Two-hand operation:	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	Ball locking:	Yes
Vacuum suitable: Water-resistant: Yes Flat-sealing: Suitable breath / respiratory protection: No Pressure eliminator: No Hydraulics: No Pneumatics: Yes	Pin lock:	No
Water-resistant: Yes Flat-sealing: Yes Suitable breath / respiratory protection: No Pressure eliminator: No Hydraulics: No Pneumatics: Yes	Ultra-FLO-valve:	No
Flat-sealing: Suitable breath / respiratory protection: No Pressure eliminator: No Hydraulics: No Pneumatics: Yes	Vacuum suitable:	Yes
Suitable breath / respiratory protection: Pressure eliminator: No Hydraulics: No Pneumatics: Yes	Water-resistant:	Yes
Pressure eliminator: No Hydraulics: No Pneumatics: Yes	Flat-sealing:	Yes
Hydraulics: No Pneumatics: Yes	Suitable breath / respiratory protection:	No
Pneumatics: Yes	Pressure eliminator:	No
	Hydraulics:	No
Standard product: No	Pneumatics:	Yes
otanida product.	Standard product:	No
Mould coupling: No	Mould coupling:	No

Dimensions

Connection A:	G 1/2
D mm:	33
L mm:	92
L1 mm:	16
SW mm:	27