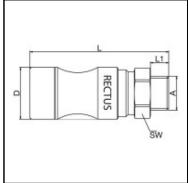
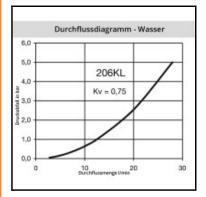
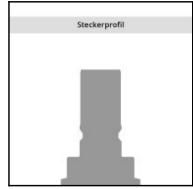


Datasheet of 206KLAW21EVX Quick coupling with male thread D U S T R I E









Description

Quick coupling dry-break double shut-off, male thread G 1/2, nominal diameter 6, <15 bar, stainless steel AISI 316 L, seal FKM/FPM

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: Bore area in mm²: Bore area in mm²: Advantages: Compatibility: RECTUS Design Working pressure: 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. Shut-Off: Connection: Male thread 1/2" Connection description: Male thread 1/2" Connection type: Material description: Satainless steel AISI 316 L Material connection: Material valve body: Material sleeve: Material sleeve: Material sleeve: Material spring snap ring: Material seal: Witon® Material conpection: No Material seal: Witon® Material seal: Wi	Corios	206
Bore in mm: Bore area in mm2: Bore area in mm2: Advantages: Compatibility: RECTUS Design Working pressure: PB = 15 bar maximum static working pressure with safety factor 4 to 1. Working temperature: Shut-Off: Connection: Male thread 1/2" Connection: Male pipe thread of Whitworth form ISO 228 1/2 Connection description: Male thread 1/2" Connection type: Male thread stainless steel AISI 316 L Material description: Surface: Material connection: Material valve body: Material sleeve: Material valve body: Material spring snap ring: Material springs anap ring: Material seal: Witon® Weight in kg: One stainless steel AISI 316 Material seal: Witon® Weight in kg: One stainless steel AISI 316 Material spring snap ring: Material seal: Witon® Weight in kg: One stainless steel AISI 316 Material seal: Witon® Weight in kg: One stainless steel AISI 316 No No Safety locking system: No No Single-hand operation: No No Ultra-FLO-valve: No Ves Water-resistant: No	Series:	206
Bore area in mm²: 28 One-hand operation. Simple handling. Ergonomic slee design. Low coupling forces. Valve body protected by collar design. Extremely low leakage. Compatibility: RECTUS Design Working pressure: Working temperature: Working temperature: Shut-Off: Quick coupling Dry-Break (double shut-off) Connection: Male thread 1/2" Connection description: Male pipe thread of Whitworth form ISO 228 1/2 Connection type: Material description: Stainless steel AISI 316 L Material description: Surface: Dlank finish Material connection: Material valve body: Material sleeve: Material sleeve: Material sleeve: Material spring snap ring: Stainless steel AISI 316 L Material spring snap ring: Stainless steel AISI 316 L Material spring snap ring: Stainless steel AISI 316 L Material pring snap ring: Stainless steel AISI 316 L Material pring snap ring: Stainless steel AISI 316 L Material pring snap ring: Stainless steel AISI 316 L Material pring snap ring: Stainless steel AISI 316 L Material pring snap ring: Stainless steel AISI 316 L Material seal: Viton® O,1487 Self-venting coupling: No Safety locking system: No Single-hand operation: Yes Pin lock: Vicume suitable: Ves Water-resistant: No	3	
One-hand operation. Simple handling. Ergonomic slee design. Low coupling forces. Valve body protected by collar design. Extremely low leakage. Compatibility: Working pressure: PB = 15 bar maximum static working pressure with safety factor 4 to 1. Working temperature: 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. Shut-Off: Quick coupling Dry-Break (double shut-off) Connection: Male thread 1/2" Connection description: Male pipe thread of Whitworth form ISO 228 1/2 Connection description: Male thread Material: Stainless steel AISI 316 L Material description: Surface: blank finish Material connection: Material valve body: Material valve body: Stainless steel AISI 316 L Material valve: Stainless steel AISI 316 L Material valve: Stainless steel AISI 316 L Material sleeve: Stainless steel AISI 316 L Material spring snap ring: Stainless steel AISI 316 L Material spring snap ring: Stainless steel AISI 316 L Material spring snap ring: Stainless steel AISI 316 L Material balls/pins: Stainless steel AISI 316 L Material seal: Vition® Weight in kg: 0,1487 Self-venting coupling: No Safety locking system: No Single-hand operation: No Wo Ultra-FLO-valve: No Vacuum suitable: Ves Water-resistant: No		-
Advantages: design. Low coupling forces. Valve body protected by collar design. Extremely low leakage. RECTUS Design Working pressure: PB = 15 bar maximum static working pressure with safety factor 4 to 1. Working temperature: Shut-Off: Quick coupling Dry-Break (double shut-off) Connection: Male thread 1/2" Connection description: Male pipe thread of Whitworth form ISO 228 1/2 Connection type: Male thread Material: stainless steel AISI 316 L Material description: Surface: blank finish Material connection: Stainless steel AISI 316 L Material valve body: stainless steel AISI 316 L Material valve: stainless steel AISI 316 L Material seave: Material seave: stainless steel AISI 316 L Material seave: Material seave: No Material balls/pins: Stainless steel AISI 316 L Material balls/pins: Stainless steel AISI 316 N Material balls/pins: No Seff-venting coupling: No Safety locking system: No Single-hand operation: No Ball locking: Yes Wacuum suitable: Vice Wacuum suitable: Vice Wacuum suitable: Ves Water-resistant:	Bore area in mm ² :	
Working pressure: PB = 15 bar maximum static working pressure with safety factor 4 to 1. Working temperature: Shut-Off: Quick coupling Dry-Break (double shut-off) Connection: Male thread 1/2" Connection description: Male pipe thread of Whitworth form ISO 228 1/2 Connection type: Male thread Material: stainless steel AISI 316 L Material description: Surface: blank finish Material connection: stainless steel AISI 316 L Material valve body: Material sleeve: stainless steel AISI 316 L Material valve body: Material spring snap ring: Material spring snap ring: Stainless steel AISI 316 L Material spring snap ring: Material balls/pins: Material balls/pins: Material balls/pins: Material seal: Viton® Weight in kg: 0,1487 Self-venting coupling: No Safety locking system: No No Ultra-FLO-valve: Vacuum suitable: Water-resistant: No	Advantages:	design. Low coupling forces. Valve body protected by
working pressure. Safety factor 4 to 1.	Compatibility:	RECTUS Design
available on request. Shut-Off: Quick coupling Dry-Break (double shut-off) Connection: Male thread 1/2" Connection description: Male pipe thread of Whitworth form ISO 228 1/2 Connection type: Male thread Material: stainless steel AISI 316 L Material description: Fluororubber Surface: blank finish Material connection: stainless steel AISI 316 L Material valve body: stainless steel AISI 316 L Material sleeve: stainless steel AISI 316 L Material spring snap ring: stainless steel AISI 316 L Material spring snap ring: Stainless steel AISI 316 L Material spring snap ring: Stainless steel AISI 316 L Material spring snap ring: Stainless steel AISI 316 L Material spring snap ring: Stainless steel AISI 316 L Material spring snap ring: Stainless steel AISI 316 Ti Material seal: Viton® Weight in kg: 0,1487 Self-venting coupling: No Safety locking system: No Single-hand operation: Yes Two-hand operation: Yes Two-hand operation: No Ball locking: Yes Pin lock: No Ultra-FLO-valve: No Vacuum suitable: Yes Water-resistant: No	Working pressure:	
Connection: Male thread 1/2" Connection description: Male pipe thread of Whitworth form ISO 228 1/2 Connection type: Male thread Material: Stainless steel AISI 316 L Material description: Surface: Material connection: Material connection: Material valve body: Material stainless steel AISI 316 L Material valve body: Material stainless steel AISI 316 L Material spring snap ring: Material spring snap ring: Material spring snap ring: Material spring steel AISI 316 L Material spring snap ring: Material shalls/pins: Material seal: Witon® Weight in kg: O,1487 Self-venting coupling: No Safety locking system: No Single-hand operation: Yes Two-hand operation: No Ball locking: Yes Pin lock: Water-resistant: No	Working temperature:	
Connection description: Connection type: Male pipe thread of Whitworth form ISO 228 1/2 Connection type: Male thread Material: stainless steel AISI 316 L Material description: Seal description: Fluororubber Surface: blank finish Material connection: stainless steel AISI 316 L Material valve body: Material sleeve: stainless steel AISI 316 L Material sleeve: stainless steel AISI 316 L Material valve: 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: Material balls/pins: Material balls/pins: Nouthing: Weight in kg: 0,1487 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: Vice Water-resistant: No	Shut-Off:	Quick coupling Dry-Break (double shut-off)
Connection type: Male thread Material: Stainless steel AISI 316 L Material description: Stainless steel 1.4404 Seal description: Fluororubber Surface: blank finish Material connection: Material valve body: Material sleeve: Stainless steel AISI 316 L Material sleeve: Material valve: Material spring snap ring: Material spring snap ring: Material spring snap ring: Material balls/pins: Material balls/pins: Material seal: Witon® Weight in kg: O,1487 Self-venting coupling: No Safety locking system: No Single-hand operation: Two-hand operation: No Ball locking: Pin lock: No Ultra-FLO-valve: Ves Water-resistant: No	Connection:	Male thread 1/2"
Material: Material description: Seal description: Surface: Material connection: Material valve body: Material sleeve: Material spring snap ring: Material balls/pins: Material balls/pins: Material seal: Weight in kg: Self-venting coupling: Safingle-hand operation: Two-hand operation: Mo Vacuum suitable: Water-resistant: Stainless steel AISI 316 L Material seal: No Stainless steel AISI 316 L Material spring snap ring: Stainless steel AISI 316 L Material spring snap ring: Stainless steel AISI 316 L Material balls/pins: Stainless steel AISI 316 L Material balls/pins: No Stainless steel AISI 316 Viton® No Safety locking system: No No No Ultra-FLO-valve: Ves Water-resistant:	Connection description:	Male pipe thread of Whitworth form ISO 228 1/2
Material description: Seal description: Fluororubber Surface: blank finish Material connection: Material valve body: Stainless steel AISI 316 L Material sleeve: Stainless steel AISI 316 L Material valve: Stainless steel AISI 316 L Material valve: Stainless steel AISI 316 L Material spring snap ring: Stainless steel AISI 316 L Material spring snap ring: Stainless steel AISI 316 L Material spring snap ring: Material balls/pins: Stainless steel AISI 316 Ti Material balls/pins: Stainless steel AISI 316 Weight in kg: O,1487 Self-venting coupling: No Safety locking system: No Single-hand operation: Yes Two-hand operation: Yes Two-hand operation: No Ball locking: Yes Pin lock: No Ultra-FLO-valve: No Vacuum suitable: Yes Water-resistant:	Connection type:	Male thread
Seal description: Surface: Material connection: Material valve body: Material sleeve: Material sleeve: Material valve: Material spring snap ring: Material balls/pins: Material seal: Witon® Weight in kg: Self-venting coupling: Safety locking system: Two-hand operation: Two-hand operation: Mo Ball locking: Pin lock: Witan: Water-resistant: No Stainless steel AISI 316 Material seal: Viton® No Sometial seal: No No Sometial seal: No No No No No No No No No N	Material:	stainless steel AISI 316 L
Surface: blank finish	Material description:	stainless steel 1.4404
Material connection: Material valve body: Material sleeve: Material sleeve: Material sleeve: Material spring snap ring: Material spring snap ring: Material balls/pins: Material balls/pins: Material seal: Witon® Weight in kg: Self-venting coupling: No Safety locking system: No Single-hand operation: Two-hand operation: Two-hand operation: Mo Ball locking: Pin lock: Witon® No Ultra-FLO-valve: No Vacuum suitable: Yes Water-resistant: No	Seal description:	Fluororubber
Material valve body: Material sleeve: Stainless steel AISI 316 L Material valve: Material spring snap ring: Material spring snap ring: Material balls/pins: Material balls/pins: Material seal: Viton® Weight in kg: O,1487 Self-venting coupling: No Safety locking system: No Single-hand operation: Two-hand operation: Two-hand operation: Pin lock: Ultra-FLO-valve: Vaes Water-resistant: No Stainless steel AISI 316 L Stainless steel AISI 316 L Stainless steel AISI 316 L Material seal: Viton® Votion® No Stainless steel AISI 316 L Material seal: Viton® No Stainless steel AISI 316 L Material seal: Viton® No No No No No No Ves Water-resistant: No	Surface:	blank finish
Material sleeve: Material valve: Material spring snap ring: Material balls/pins: Material balls/pins: Material seal: Weight in kg: Self-venting coupling: Safety locking system: No Single-hand operation: Two-hand operation: Ball locking: Pin lock: Ultra-FLO-valve: Vacuum suitable: Vstainless steel AISI 316 Natarial seal: Viton® Votton® No 0,1487 Self-venting coupling: No No No No No No No No No N	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 Material seal: Viton® Weight in kg: 0,1487 Self-venting coupling: No Safety locking system: No Single-hand operation: Two-hand operation: Pes Two-hand operation: No Ball locking: Pin lock: Ultra-FLO-valve: Vacuum suitable: Vacuum suitable: Vacuum suitable: No	Material valve body:	stainless steel AISI 316 L
Material spring snap ring: Material balls/pins: Stainless steel AISI 316Ti Material seal: Viton® Weight in kg: 0,1487 Self-venting coupling: No Safety locking system: No Single-hand operation: Two-hand operation: Pes Pin lock: Ultra-FLO-valve: Vacuum suitable: Viton® No No No No No No No No No N	Material sleeve:	stainless steel AISI 316 L
Material balls/pins: Material seal: Viton® Viton® Weight in kg: O,1487 Self-venting coupling: No Safety locking system: No Single-hand operation: Two-hand operation: No Ball locking: Pin lock: Ultra-FLO-valve: Vacuum suitable: Viton® No No No No No Ves No Ves No No No No No No No No No N	Material valve:	stainless steel AISI 316 L
Material seal: Viton® Weight in kg: 0,1487 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: No	Material spring snap ring:	Stainless steel AISI 316Ti
Weight in kg: 0,1487 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: No	Material balls/pins:	Stainless steel AISI 316
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: No	Material seal:	Viton®
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: No	Weight in kg:	0,1487
Single-hand operation: Yes Two-hand operation: No Ball locking: Yes Pin lock: No Ultra-FLO-valve: No Vacuum suitable: Yes Water-resistant: No	Self-venting coupling:	No
Two-hand operation: No Ball locking: Yes Pin lock: No Ultra-FLO-valve: No Vacuum suitable: Yes Water-resistant: No	Safety locking system:	No
Ball locking: Yes Pin lock: No Ultra-FLO-valve: No Vacuum suitable: Yes Water-resistant: No	Single-hand operation:	Yes
Pin lock: No Ultra-FLO-valve: No Vacuum suitable: Yes Water-resistant: No	Two-hand operation:	No
Ultra-FLO-valve: No Vacuum suitable: Yes Water-resistant: No	Ball locking:	Yes
Vacuum suitable: Yes Water-resistant: No	Pin lock:	No
Water-resistant: No	Ultra-FLO-valve:	No
	Vacuum suitable:	Yes
Flat-sealing: Yes	Water-resistant:	No
	Flat-sealing:	Yes
Suitable breath / respiratory protection: No	Suitable breath / respiratory protection:	No
Pressure eliminator: No	Pressure eliminator:	No
Hydraulics: No	Hydraulics:	No
Pneumatics: Yes	Pneumatics:	Yes
Standard product: No	Standard product:	No
Mould coupling: No	Mould coupling:	No

Dimensions

Connection A:	G 1/2
D mm:	25,5
L mm:	71,5
L1 mm:	12
SW mm:	24