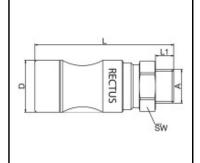
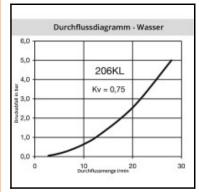
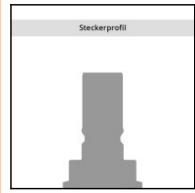
Datasheet of 206KLAW21EEX Quick coupling with male thread D U S T









Description

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

RIE

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

Bore in mm ² : 6 Bore area in mm ² : 28 Advantages: One-hand operation. Simple handling, Ergonomic sleeve design. Low coupling forces. Valve body protected by collar design. Extremely tow 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 description: Male thread 1/2" Connection description: Male thread 1/2" Connection description: Male thread 1/4" Surface: blank finish Material description: Ethylene-propylene-diene rubber Surface: blank finish Material valve body: stainless steel AISI 316 L Material valve body: stainless steel AISI 316 L Material valve 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 pring ing: No Safety tocking system: No <th>Series:</th> <th>206</th>	Series:	206
Bore in mm: 6 Bore area in mm?: 28 Advantages: One-hand operation. Simple handling, Ergonomic sleeve design. Low coupling forces. Valve body protected by collar design. Extremely tow 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 description: Male thread 1/2" Connection description: Male pipe thread of Whitworth form ISO 228 1/2 Connection description: Stainless steel AISI 316 L Material stainless steel AISI 316 L Material connection: Ethylene-propylene-diene rubber Surface: blank finish Material valve body: stainless steel AISI 316 L 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 valve: Stainless steel AISI 316 L Material pring ing: No Stainless stee	Series long:	206KL
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 Male thread 1/2" Connection type: Male thread 1 Material: stainless steel AISI 316 L Material description: Stainless steel AISI 316 L Seal description: Ethylene-propylene-diene rubber Surface: blank finish Material valve body: stainless steel AISI 316 L Material valve body: stainless steel AISI 316 L Material valve body: stainless steel AISI 316 L Material valve: stainless steel AISI 316 L Material pring snap ring: Stainless steel AISI 316 L Stainless steel AISI 316 L Material valve: <	Bore in mm:	
Advantages: 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 description: Male thread 1/2" Connection description: Male thread 1/2" Connection description: Stainless steel AISI 316 L Saterial connection: Stainless steel AISI 316 L Material description: Stainless steel AISI 316 L Surface: blank finish Material connection: stainless steel AISI 316 L Material valve body: stainless steel AISI 316 L Material valve body: stainless steel AISI 316 L Material valve: 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 balls/pins: Stainless steel AISI 316 L Stainless steel AISI 316 L Stainless steel AISI 316 L Material balls/pins: Stainless steel AISI 316 L Stainless steel AISI 316 L Stainless 316 L <t< td=""><td>Bore area in mm²:</td><td></td></t<>	Bore area in mm ² :	
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 Male thread 1/2" Connection description: Male pipe thread of Whitworth form ISO 228 1/2 Connection type: Male thread 1/2" Connection type: Male thread 1/2" Connection type: Male thread of Whitworth form ISO 228 1/2 Connection description: stainless steel AISI 316 L Material: stainless steel AISI 316 L Material description: Ethylene-propylene-diene rubber Surface: blank finish Material valve body: stainless steel AISI 316 L Material valve body: stainless steel AISI 316 L Material valve: Stainless steel AISI 316 L Stainless steel AISI 316 L Stainless steel AISI 316 L Material valve: Stainless steel AISI 316 L <t< td=""><td>Advantages:</td><td>design. Low coupling forces. Valve body protected by</td></t<>	Advantages:	design. Low coupling forces. Valve body protected by
working pressure: 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 Male thread of Whitworth form ISO 228 1/2 Connection type: Male pipe thread of Whitworth form ISO 228 1/2 Connection type: Male thread Material: stainless steel AISI 316 L Material description: Stainless steel AISI 316 L Seal description: Ethylene-propylene-diene rubber Surface: blank finish Material valve body: stainless steel AISI 316 L Material valve: stainless steel AISI 316 L Material valve: stainless steel AISI 316 L Material valve: stainless steel AISI 316 L Material balls/pins: Stainless steel AISI 316 L Stainless steel AISI 316 L stainless Stainless steel AISI 316 L stainless Stainless steel AISI 316 L	Compatibility:	RECTUS Design
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Connection: Male thread 1/2" Connection description: Male pipe thread of Whitworth form ISO 228 1/2 Connection type: Male thread Material description: stainless steel AISI 316 L Seal description: Ethylene-propylene-diene rubber Surface: blank finish Material connection: stainless steel AISI 316 L Material connection: stainless steel AISI 316 L Material valve body: stainless steel AISI 316 L Material valve body: stainless steel AISI 316 L Material valve body: 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 Waterial spring coupling: Stainless steel AISI 316 L Safety locking system: No Safety locking system: No Safety locking system: No Ball locking: Yes Pin lock: No Ultra-FLO-valve: No Vacuum suitable: Yes Suitable breath / respiratory protection: No	Working temperature:	
Connection description:Male pipe thread of Whitworth form ISO 228 1/2Connection type:Male threadMaterial:stainless steel AISI 316 LMaterial description:stainless steel AISI 316 LSeal description:Ethylene-propylene-diene rubberSurface:blank finishMaterial valve body:stainless steel AISI 316 LMaterial valve body:stainless steel AISI 316 LMaterial valve body:stainless steel AISI 316 LMaterial valve:stainless steel AISI 316 LMaterial valve:stainless steel AISI 316 LMaterial serve:stainless steel AISI 316 LMaterial spring snap ring:Stainless steel AISI 316 LMaterial balls/pins:Stainless steel AISI 316 LMaterial balls/pins:Stainless steel AISI 316Weight in kg:0,15Self-venting coupling:NoSafety locking system:NoSingle-hand operation:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesVacuum suitable:YesSuitable breath / respiratory protection:NoPressure eliminator:NoPressure eliminator:NoPineumatics:YesStaindard product:No	Shut-Off:	Quick coupling Dry-Break (double shut-off)
Connection type:Male threadMaterial:stainless steel AISI 316 LMaterial description:stainless steel 1.4404Seal description:Ethylene-propylene-diene rubberSurface:blank finishMaterial connection:stainless steel AISI 316 LMaterial valve body:stainless steel AISI 316 LMaterial sleeve:stainless steel AISI 316 LMaterial sleeve:stainless steel AISI 316 LMaterial spring snap ring:Stainless steel AISI 316 LMaterial balls/pins:Stainless steel AISI 316 LMaterial balls/pins:Stainless steel AISI 316 LSelf-venting coupling:NoSafety locking system:NoSingle-hand operation:YesTwo-hand operation:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesMaterial spring:YesSuitable breath / respiratory protection:NoPressure eliminator:NoPressure eliminator:N	Connection:	Male thread 1/2"
Material: stainless steel AISI 316 L Material description: stainless steel 1.4404 Seal description: Ethylene-propylene-diene rubber Surface: blank finish Material connection: stainless steel AISI 316 L Material valve body: stainless steel AISI 316 L Material seve: stainless steel AISI 316 L Material valve body: stainless steel AISI 316 L Material valve: stainless steel AISI 316 L Material spring snap ring: Stainless steel AISI 316 L Material balls/pins: Stainless steel AISI 316 L Weight in kg: 0,15 Self-venting coupling: No Safety locking system: No Single-hand operation: Yes Two-hand operation: Yes Pin lock: No Ultra-FLO-valve: No Vacuum suitable: Yes Water-resistant: Yes Suitable breath / respiratory protection: No Pressure eliminator: No Pressure eliminator: No Pneumatics: Yes Standard product: No <td>Connection description:</td> <td>Male pipe thread of Whitworth form ISO 228 1/2</td>	Connection description:	Male pipe thread of Whitworth form ISO 228 1/2
Material description: stainless steel 1.4404 Seal description: Ethylene-propylene-diene rubber 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 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 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: No Safety locking system: No Single-hand operation: Yes Two-hand operation: Yes Two-hand operation: Yes Pin lock: No Ultra-FLO-valve: No Vacuum suitable: Yes Flat-sealing: Yes Suitable breath / respiratory protection: No Pressure eliminator: No Pressure eliminator: No Pneumatics: Yes Standard product: No	Connection type:	Male thread
Seal description:Ethylene-propylene-diene rubberSurface:blank finishMaterial connection:stainless steel AISI 316 LMaterial valve body:stainless steel AISI 316 LMaterial sleeve:stainless steel AISI 316 LMaterial valve:stainless steel AISI 316 LMaterial spring snap ring:Stainless steel AISI 316 LMaterial balls/pins:Stainless steel AISI 316 LMaterial balls/pins:Stainless steel AISI 316 LWeight in kg:0,15Self-venting coupling:NoSafety locking system:NoSingle-hand operation:YesTwo-hand operation:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesSuitable breath / respiratory protection:NoPressure eliminator:NoPressure eliminator:NoPressure eliminator:NoPressure eliminator:NoPneumatics:YesStandard product:No	Material:	stainless steel AISI 316 L
Surface:blank finishMaterial connection:stainless steel AISI 316 LMaterial valve body:stainless steel AISI 316 LMaterial sleeve:stainless steel AISI 316 LMaterial valve:stainless steel AISI 316 LMaterial spring snap ring:Stainless steel AISI 316 LMaterial balls/pins:Stainless steel AISI 316 LWeight in kg:0,15Self-venting coupling:NoSafety locking system:NoSingle-hand operation:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesSuitable breath / respiratory protection:NoPressure eliminator:NoPressure eliminator: <td>Material description:</td> <td>stainless steel 1.4404</td>	Material description:	stainless steel 1.4404
Naterial connection:stainless steel AISI 316 LMaterial connection:stainless steel AISI 316 LMaterial valve body:stainless steel AISI 316 LMaterial sleeve:stainless steel AISI 316 LMaterial valve:stainless steel AISI 316 LMaterial spring snap ring:Stainless steel AISI 316 LMaterial balls/pins:Stainless steel AISI 316 TiMaterial balls/pins:0,15Self-venting coupling:NoSafety locking system:NoSingle-hand operation:YesTwo-hand operation:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesFlat-sealing:YesSuitable breath / respiratory protection:NoPressure eliminator:NoPressure eliminator:NoPressure eliminator:NoPressure eliminator:NoPressure eliminator:NoPressure eliminator:NoPreumatics:YesStandard product:No	Seal description:	Ethylene-propylene-diene rubber
Material valve body:stainless steel AISI 316 LMaterial sleeve:stainless steel AISI 316 LMaterial valve:stainless steel AISI 316 LMaterial spring snap ring:Stainless steel AISI 316 LMaterial balls/pins:Stainless steel AISI 316 TiMaterial balls/pins:0,15Self-venting coupling:NoSafety locking system:NoSingle-hand operation:YesTwo-hand operation:NoBall locking:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesFlat-sealing:YesSuitable breath / respiratory protection:NoPressure eliminator:NoPressure eliminator:NoPressure eliminator:NoPressure eliminator:NoPressure eliminator:NoPressure eliminator:NoPressure eliminator:NoPressure eliminator:NoPreumatics:YesStandard product:No	Surface:	blank finish
Material sleeve:stainless steel AISI 316 LMaterial valve:stainless steel AISI 316 LMaterial spring snap ring:Stainless steel AISI 316TiMaterial balls/pins:Stainless steel AISI 316Weight in kg:0,15Self-venting coupling:NoSafety locking system:NoSingle-hand operation:YesTwo-hand operation:YesPin lock:NoUltra-FLO-valve:NoVacum suitable:YesSuitable breath / respiratory protection:NoPressure eliminator:NoPressure eliminator:NoPressure eliminator:NoPreumatics:YesStatable breath / respiratory protection:NoPreumatics:YesStatable breath / product:No	Material connection:	stainless steel AISI 316 L
Material valve:stainless steel AISI 316 LMaterial spring snap ring:Stainless steel AISI 316TiMaterial balls/pins:Stainless steel AISI 316Weight in kg:0,15Self-venting coupling:NoSafety locking system:NoSingle-hand operation:YesTwo-hand operation:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesFlat-sealing:YesSuitable breath / respiratory protection:NoPressure eliminator:NoHydraulics:NoPneumatics:YesStandard product:No	Material valve body:	stainless steel AISI 316 L
Material spring snap ring:Stainless steel AISI 316TiMaterial balls/pins:Stainless steel AISI 316Weight in kg:0,15Self-venting coupling:NoSafety locking system:NoSingle-hand operation:YesTwo-hand operation:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesSuitable breath / respiratory protection:YesSuitable breath / respiratory protection:NoPressure eliminator:NoHydraulics:YesStandard product:No	Material sleeve:	stainless steel AISI 316 L
Material balls/pins:Stainless steel AISI 316Weight in kg:0,15Self-venting coupling:NoSafety locking system:NoSingle-hand operation:YesTwo-hand operation:NoBall locking:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesWater-resistant:YesFlat-sealing:YesSuitable breath / respiratory protection:NoPressure eliminator:NoHydraulics:NoPneumatics:YesStandard product:No	Material valve:	stainless steel AISI 316 L
Weight in kg:0,15Self-venting coupling:NoSafety locking system:NoSingle-hand operation:YesTwo-hand operation:NoBall locking:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesWater-resistant:YesFlat-sealing:YesSuitable breath / respiratory protection:NoPressure eliminator:NoHydraulics:NoPneumatics:YesStandard product:No	Material spring snap ring:	Stainless steel AISI 316Ti
Self-venting coupling:NoSafety locking system:NoSingle-hand operation:YesTwo-hand operation:NoBall locking:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesWater-resistant:YesFlat-sealing:YesSuitable breath / respiratory protection:NoPressure eliminator:NoHydraulics:NoPneumatics:YesStandard product:No	Material balls/pins:	Stainless steel AISI 316
Safety locking system:NoSingle-hand operation:YesTwo-hand operation:NoBall locking:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesWater-resistant:YesFlat-sealing:YesSuitable breath / respiratory protection:NoPressure eliminator:NoHydraulics:NoPneumatics:YesStandard product:No	Weight in kg:	0,15
Single-hand operation:YesTwo-hand operation:NoBall locking:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesWater-resistant:YesFlat-sealing:YesSuitable breath / respiratory protection:NoPressure eliminator:NoHydraulics:NoPneumatics:YesStandard product:No	Self-venting coupling:	No
Two-hand operation:NoBall locking:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesWater-resistant:YesFlat-sealing:YesSuitable breath / respiratory protection:NoPressure eliminator:NoHydraulics:NoPneumatics:YesStandard product:No	Safety locking system:	No
Ball locking:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesWater-resistant:YesFlat-sealing:YesSuitable breath / respiratory protection:NoPressure eliminator:NoHydraulics:NoPneumatics:YesStandard product:No	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 Standard product: No	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 Standard product: No	Ball locking:	Yes
Vacuum suitable: Yes Water-resistant: Yes Flat-sealing: Yes Suitable breath / respiratory protection: No Pressure eliminator: No Hydraulics: No Pneumatics: Yes Standard product: No	Pin lock:	No
Water-resistant: Yes Flat-sealing: Yes Suitable breath / respiratory protection: No Pressure eliminator: No Hydraulics: No Pneumatics: Yes Standard product: No	Ultra-FLO-valve:	No
Flat-sealing: Yes Suitable breath / respiratory protection: No Pressure eliminator: No Hydraulics: No Pneumatics: Yes Standard product: No	Vacuum suitable:	Yes
Suitable breath / respiratory protection: No Pressure eliminator: No Hydraulics: No Pneumatics: Yes Standard product: No	Water-resistant:	Yes
Pressure eliminator: No Hydraulics: No Pneumatics: Yes Standard product: No	Flat-sealing:	Yes
Hydraulics: No Pneumatics: Yes Standard product: No	Suitable breath / respiratory protection:	No
Pneumatics: Yes Standard product: No	Pressure eliminator:	No
Standard product: No	Hydraulics:	No
	Pneumatics:	Yes
Mould coupling: No	Standard product:	No
	Mould coupling:	No

Dimensions

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

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