Datasheet of 204KLIW10EVX Quick coupling with female thread D U S T R I E





Quick coupling dry-break double shut-off, female thread G 1/8, nominal diameter 4, <15 bar, stainless steel AISI 316 L, seal FKM/FPM

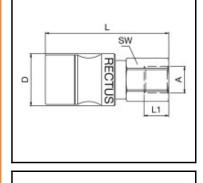
Leak-free coupling system for applications in sensitive environments, for example in analysis technology, in cooling systems, in transport systems and many applications with aggressive medio. Coupling system with single-hand operation, extremely low leakage rates and minimal dead space volume. Absolutely 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.

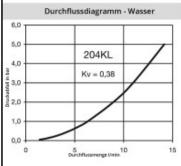
Details

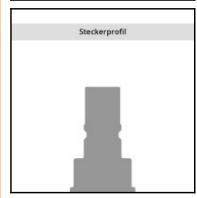
Bore in mm*: 4 Gore area in mm*: 12.5 Advantages: Absolutely no air pockets when coupling. Low coupling forces. Valve body protected by collar design. Compatibility: RECTUS Design Working pressure: Safety factor 4 to 1. Advantages: -20°C up to +100°C (NBR) other sealing materials available on request. Shut-Off: Quick coupling Dry-Break (double shut-off) Connection description: Female thread 1/8" Connection type: Female thread 1/8" Connection type: Female bit hread Material stainless steel AISI 316 L Starladescription: Stainless steel AISI 316 L Surface: blank finish Material connection: stainless steel AISI 316 L Material solve: 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 spring snap ring: Stainless steel AISI 316 L Material spring snap ring: Stainless steel AISI 316 L Material spring: No Single-hand operation: No	Series:	204
Sore area in mm*: 12,5 Advantages: Absolutely no air pockets when coupling, Low coupling forces. Valve body protected by collar design. Compatibility: RECTUS Design Working pressure: PB = 15 bar maximum static working pressure with safety factor 4 to 1. Working temperature: -20° Cu pt or 100°C (NBR) other sealing materials available on request. Shut-Off: Quick coupling Dry-Break (double shut-off) Connection description: Female thread 1/8° Connection description: Female thread 1/8° Connection description: Stainless steel AISI 316 L Waterial stainless steel AISI 316 L Waterial connection: Fluororubber Surface: blank finish Material seave: stainless steel AISI 316 L Waterial seave: Viton® Stainless	Series long:	204KL
Advantages: Absolutely no air pockets when coupling. Low coupling forces. Valve body protected by collar design. 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: Female thread 1/8" Connection type: Female thread 3161 Statioles steel AISI 316 L Stainless steel AISI 316 L Material stainless steel AISI 316 L Stainless steel AISI 316 L Stainless steel AISI 316 L Material connection: stainless steel AISI 316 L Stainless steel AISI 316 L Material valve body: Material sleeve: stainless steel AISI 316 L Material valve body: Stainless steel AISI 316 L Material slerge: Stainless steel AISI 316 L Material slerge: Stainless steel AISI 316 L Material slerge: Ou468 Self-venting coupling: No Satel AISI 316 Material seal: Viton® No <td< td=""><td>Bore in mm:</td><td>4</td></td<>	Bore in mm:	4
Advantages: forces. Valve body protected by collar design. 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 1/8" Connection type: Female thread of Whitworth form ISO 228 1/8" Connection type: Female thread 1/8" Connection type: Female thread 1/8" Connection type: Female thread 1/8" Statiless steel AISI 316 L Statiless steel AISI 316 L Material description: Statiless steel AISI 316 L Statiless steel AISI 316 L Statiless steel AISI 316 L Material connection: statiless steel AISI 316 L Material seve: Statiless steel AISI 316 L Material seve: Statiless steel AISI 316 L Material seal: Viton® Vaterial seal: Viton® Statiless steel AISI 316 L Statiless steel AISI 316 L Material seal: Viton® Self-venting coupling:	Bore area in mm²:	12,5
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 1/8" Connection description: Female thread of Whitworth form ISO 228 1/8" Connection type: Female thread Vaterial stainless steel AISI 316 L Material description: stainless steel AISI 316 L Seal description: Fluororubber 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 seal: Viton@ Weight in kg: 0,0468 Self-worting coupling: No Safety locking system: No Sale locking: Yes Word doperation: Yes Word doperation: No	Advantages:	Absolutely no air pockets when coupling. Low coupling forces. Valve body protected by collar design.
Working pressure: 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: Female thread 1/8" Connection type: Female pipe thread of Whitworth form ISO 228 1/8" Connection type: Female pipe thread of Whitworth form ISO 228 1/8" Connection type: Female thread 1/8" Connection type: Female thread 1/8" Connection: Stainless steel AISI 316 L Waterial: stainless steel AISI 316 L Waterial: Stainless steel AISI 316 L Waterial valve body: stainless steel AISI 316 L Waterial valve body: stainless steel AISI 316 L Waterial valve stainless steel AISI 316 L Waterial valve: stainless steel AISI 316 L Waterial spring snap ring: Stainless steel AISI 316 L Waterial spring snap ring: Stainless steel AISI 316 Waterial spring soupring: No Neight in kg: 0.0468 Self-venting coupling: No Single-hand operation: No Single-hand operation: <td>Compatibility:</td> <td>RECTUS Design</td>	Compatibility:	RECTUS Design
Working temperature: available on request. Shut-Off: Quick coupling Dry-Break (double shut-off) Connection description: Female thread 1/8" Connection type: Female thread of Whitworth form ISO 228 1/8" Connection type: Female thread Material: stainless steel AISI 316 L Material description: Fluoroubber Surface: blank finish Material connection: stainless steel AISI 316 L Material connection: stainless steel AISI 316 L Material connection: stainless steel AISI 316 L Material valve body: stainless steel AISI 316 L Material seleve: stainless steel AISI 316 L Material valve: stainless steel AISI 316 L Material seleve: 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 seal: Viton® Veterial seal: Viton® Stainless steel AISI 316 L stainless steel AISI 316 L Stainless steel AISI 316 L	Working pressure:	
Connection:Female thread 1/8"Connection description:Female pipe thread of Whitworth form ISO 228 1/8"Connection type:Female threadWaterial:stainless steel AISI 316 LWaterial description:Stainless steel AISI 316 LSeal description:FluororubberSurface:blank finishMaterial valve body:stainless steel AISI 316 LWaterial valve body:stainless steel AISI 316 LMaterial serve:stainless steel AISI 316 LMaterial valve body:stainless steel AISI 316 LMaterial serve:stainless steel AISI 316 LMaterial seal:Viton®Waterial seal:Viton®Weight in kg:0,0468Self-venting coupling:NoSafety locking system:NoSingle-hand operation:YesTwo-hand operation:YesPin lock:NoJutra-FLO-valve:NoVatura-weistant:NoPin lock:NoMater-resistant:NoSuitable breath / respiratory protection:NoPressure eliminator:NoPressure eliminator:NoPressure eliminator:NoPressure eliminator:NoPreumatics:YesStandard product:No	Working temperature:	
Connection description:Female pipe thread of Whitworth form ISO 228 1/8"Connection type:Female threadWaterial:stainless steel AISI 316 LWaterial description:Stainless steel AISI 316 LSeal description:FluororubberSurface:blank finishWaterial connection:stainless steel AISI 316 LWaterial valve body:stainless steel AISI 316 LWaterial valve body:stainless steel AISI 316 LWaterial valve:stainless steel AISI 316 LWaterial spring snap ring:Stainless steel AISI 316 LWaterial spring snap ring:Stainless steel AISI 316 LWaterial seal:Viton®Weight in kg:0.0468Self-venting coupling:NoSafety locking system:NoSingle-hand operation:YesPin lock:NoJultra-FLO-valve:NoVacuum suitable:YesVacuum suitable:YesPin lock:NoPressure eliminator:NoPressure eliminator:NoPressure eliminator:NoPressure eliminator:NoPressure eliminator:NoPressure eliminator:NoPreumatics:YesStaindard product:No	Shut-Off:	Quick coupling Dry-Break (double shut-off)
Connection type:Female threadMaterial:stainless steel AISI 316 LMaterial description:stainless steel AISI 316 LSeaf description:FluororubberSurface:blank finishMaterial connection:stainless steel AISI 316 LWaterial valve body:stainless steel AISI 316 LWaterial valve body:stainless steel AISI 316 LWaterial valve:stainless steel AISI 316 LWaterial valve:stainless steel AISI 316 LWaterial spring snap ring:Stainless steel AISI 316 LWaterial spring snap ring:Stainless steel AISI 316 LWaterial balls/pins:Stainless steel AISI 316 LWaterial seal:Viton®Weight in kg:0,0468Self-venting coupling:NoSingle-hand operation:YesIvo-hand operation:YesPin lock:NoJultra-FLO-valve:NoVater-resistant:NoNater-resistant:NoSuitable breath / respiratory protection:NoPressure eliminator:NoPinducs:NoPineumatics:YesSuitable breath / respiratory protection:NoPressure eliminator:NoPineumatics:YesStandard product:No	Connection:	Female thread 1/8"
Material: stainless steel AISI 316 L Vaterial description: stainless steel 1.4404 Seal description: Fluororubber Surface: blank finish Material connection: stainless steel AISI 316 L Vaterial valve body: 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 balls/pins: Stainless steel AISI 316 L Material seal: Viton® Weight in kg: 0,0468 Self-venting coupling: No Single-hand operation: Yes Vivo-hand operation: Yes Pin lock: No Jutar-FLO-valve: No Vacuum suitable: Yes Vacuum suitable: Yes Suitable breath / respiratory protection: No Pressure eliminator: No Suitable breath / respiratory protection: No Pressure eliminator: No Pressure eliminator: No Presure eliminator: No	Connection description:	Female pipe thread of Whitworth form ISO 228 1/8"
Material description:stainless steel 1.4404Seal description:FluororubberSurface:blank finishMaterial connection:stainless steel AISI 316 LMaterial valve body:stainless steel AISI 316 LMaterial valve body:stainless steel AISI 316 LMaterial seeve:stainless steel AISI 316 LMaterial valve:stainless steel AISI 316 LMaterial spring snap ring:Stainless steel AISI 316 LMaterial spring snap ring:Stainless steel AISI 316 LMaterial balls/pins:Stainless steel AISI 316 TMaterial seal:Viton®Weight in kg:0,0468Self-venting coupling:NoSafety locking system:NoSingle-hand operation:YesTwo-hand operation:YesPin lock:NoJiltra-FLO-valve:NoVacuum suitable:YesWater-resistant:NoSilable breath / respiratory protection:NoPressure eliminator:NoPressure eliminator:NoPheumatics:YesStandard product:No	Connection type:	Female thread
Seal description:FluororubberSurface: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 seal:Viton®Weight in kg:0,0468Self-venting coupling:NoSafety locking system:NoSingle-hand operation:YesPin lock:NoJultra-FLO-valve:YesVacuum suitable:YesWater-resistant:NoPin suitable:YesSuitable breath / respiratory protection:NoPressure eliminator:NoPressure eliminator:	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 MMaterial seal:Viton®Weight in kg:0,0468Self-venting coupling:NoSafety locking system:NoSingle-hand operation:YesPin lock:NoJuta-FLO-valve:NoVacuum suitable:YesWater-resistant:NoFlat-sealing:YesSuitable breath / respiratory protection:NoPressure eliminator:NoPressure eliminator:YesStandard product:No<	Material description:	stainless steel 1.4404
Material 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 spring snap ring:Stainless steel AISI 316 LMaterial spring snap ring:Stainless steel AISI 316 LMaterial seal:Viton®Weight in kg:0,0468Self-venting coupling:NoSafety locking system:NoSingle-hand operation:YesTwo-hand operation:YesPin lock:NoJultra-FLO-valve:NoVacuum suitable:YesMater-resistant:NoFlat-sealing:YesSuitable breath / respiratory protection:NoPressure eliminator:NoPressure eliminator:No <tr< td=""><td>Seal description:</td><td>Fluororubber</td></tr<>	Seal description:	Fluororubber
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 spring snap ring:Stainless steel AISI 316 TMaterial balls/pins:Stainless steel AISI 316Material seal:Viton®Weight in kg:0,0468Self-venting coupling:NoSafety locking system:NoSingle-hand operation:YesTwo-hand operation:YesPin lock:NoJultra-FLO-valve:NoVacuum suitable:YesNater-resistant:NoFlat-sealing:YesSuitable breath / respiratory protection:NoPressure eliminator:NoHydraulics:NoPreumatics:YesStatadard product:No	Surface:	blank finish
Material sleeve: stainless steel AISI 316 L Material valve: stainless steel AISI 316 L Material spring snap ring: Stainless steel AISI 316 Ti Material balls/pins: Stainless steel AISI 316 Ti Material seal: Viton® Weight in kg: 0,0468 Self-venting coupling: No Safety locking system: No Single-hand operation: Yes Two-hand operation: Yes Pin lock: No Jultra-FLO-valve: No Vater-resistant: No Suitable breath / respiratory protection: No Pressure eliminator: No Presumatics:	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 316Material seal:Viton®Weight in kg:0,0468Self-venting coupling:NoSafety locking system:NoSingle-hand operation:YesTwo-hand operation:YesPin lock:NoJulta-FLO-valve:NoVater-resistant:NoFlat-sealing:YesSuitable breath / respiratory protection:NoPressure eliminator:NoPressure eliminator:NoP	Material valve body:	stainless steel AISI 316 L
Material spring snap ring:Stainless steel AISI 316TiMaterial balls/pins:Stainless steel AISI 316Material seal:Viton®Weight in kg:0,0468Self-venting coupling:NoSafety locking system:NoSingle-hand operation:YesTwo-hand operation:NoBall locking:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesMater-resistant:NoFlat-sealing:YesSuitable breath / respiratory protection:NoPressure eliminator:NoHydraulics:NoPresure eliminator:NoPresure stand:NoPresure stand:NoSuitable breath / respiratory protection:NoPressure eliminator:NoHydraulics:YesStandard product:No	Material sleeve:	stainless steel AISI 316 L
Material balls/pins: Stainless steel AISI 316 Material seal: Viton® Weight in kg: 0,0468 Self-venting coupling: No Safety locking system: No Single-hand operation: Yes Two-hand operation: No Ball locking: Yes Pin lock: No Jultra-FLO-valve: No Vacuum suitable: Yes Water-resistant: No Suitable breath / respiratory protection: No Pressure eliminator: No Hydraulics: No Pressure eliminator: No Hydraulics: Yes Staindext product: No	Material valve:	stainless steel AISI 316 L
Material seal:Viton®Weight in kg:0,0468Self-venting coupling:NoSafety locking system:NoSingle-hand operation:YesTwo-hand operation:NoBall locking:YesPin lock:NoJutra-FLO-valve:NoVacuum suitable:YesWater-resistant:NoFlat-sealing:YesSuitable breath / respiratory protection:NoPressure eliminator:NoHydraulics:NoPneumatics:YesStandard product:No	Material spring snap ring:	Stainless steel AISI 316Ti
Weight in kg:0,0468Self-venting coupling:NoSafety locking system:NoSingle-hand operation:YesTwo-hand operation:NoBall locking:YesPin lock:NoJltra-FLO-valve:NoVacuum suitable:YesWater-resistant:NoFlat-sealing:YesSuitable breath / respiratory protection:NoPressure eliminator:NoHydraulics:YesStandard product:No	Material balls/pins:	Stainless steel AISI 316
Self-verting coupling: No Safety locking system: No Single-hand operation: Yes Two-hand operation: No Ball locking: Yes Pin lock: No Jltra-FLO-valve: No Vacuum suitable: Yes Water-resistant: No Flat-sealing: Yes Suitable breath / respiratory protection: No Pressure eliminator: No Hydraulics: No Pneumatics: Yes Standard product: No	Material seal:	Viton®
Safety locking system: No Single-hand operation: Yes Two-hand operation: No Ball locking: Yes Pin lock: No Jltra-FLO-valve: No Vacuum suitable: Yes Water-resistant: No Flat-sealing: Yes Suitable breath / respiratory protection: No Pressure eliminator: No Hydraulics: No Pneumatics: Yes Standard product: No	Weight in kg:	0,0468
Single-hand operation:YesTwo-hand operation:NoBall locking:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesWater-resistant:NoFlat-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:NoFlat-sealing:YesSuitable breath / respiratory protection:NoPressure eliminator:NoHydraulics:NoPneumatics:YesStandard product:No	Safety locking system:	No
Ball locking: Yes Pin lock: No Jltra-FLO-valve: No Vacuum suitable: Yes Water-resistant: No Flat-sealing: Yes Suitable breath / respiratory protection: No Pressure eliminator: No Hydraulics: No Pneumatics: Yes Standard product: No	Single-hand operation:	Yes
Pin lock: No Ultra-FLO-valve: No Vacuum suitable: Yes Water-resistant: No Flat-sealing: Yes Suitable breath / respiratory protection: No Pressure eliminator: No Hydraulics: No Pneumatics: Yes Standard product: No	Two-hand operation:	No
No No Vacuum suitable: Yes Water-resistant: No 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: No Flat-sealing: Yes Suitable breath / respiratory protection: No Pressure eliminator: No Hydraulics: No Pneumatics: Yes Standard product: No	Pin lock:	No
Water-resistant: No 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:	No
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
No No	Standard product:	No
	Mould coupling:	No

Dimensions

Connection A:	G 1/8
D mm:	19
L mm:	45
L1 mm:	9
SW mm:	14







maku Industrie GmbH & Co. KG - Fon: +49 7151	/903 95 0 - Fax: +49 7151/903 95 99 - info@maku-industrie.de
--	--