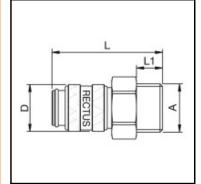
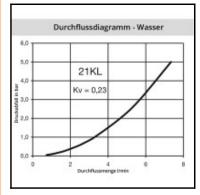
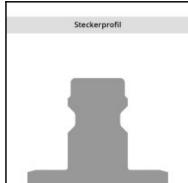
Datasheet of 21KLAN13RVX Quick coupling with male thread N D U S T









Description

Quick coupling dry-break double shut-off, male thread NPT 1/4, nominal diameter 5, <8 bar, stainless steel AISI 303, seal FKM

RIE

Mini industrial coupling with the world's most popular profile in this nominal diameter. Above average flow performance for liquid and gaseous medio. Coupling system with single-hand operation. Small dimensions and large band width in materials and valve variants.

Details

| Series long: 21KL Bore in mm: 5 Bore area in mm ² : 20 Advantages: One-hand operation. Small dimensions. Minimal, almost imperceptible leakage when uncoupling. No air locked into the system during the coupling process. | Series: | 21 |
|--|---|--|
| Bore in mm: 5 Bore area in mm?: 20 Advantages: One-hand operation. Small dimensions. Minimal, almost imperceptible leakage when uncoupling. No air locked into the system during the coupling process. Working pressure: PB = 8 bar maximum static working pressure with safety factor 4 to 1. Working temperature: -20°C up to +100°C (NBR) -40°C up to +120/150°C (EVDM). 15°C up to +200°C (FKM) depending on the medium. Shut-Off: Quick coupling Dry-Break (double shut-off) Connection Male thread NPT 1/4" Connection type: Male thread Material: stainless steel AISI 303 Material description: Fluororubber Surface: blank finish Material steeve: stainless steel AISI 303 Material valve body: stainless steel AISI 303 Material steeve: stainless steel AISI 303 Material sterve: stainless steel AISI 303 Material sterve: stainless steel AISI 303 Material steeve: stainless steel AISI 303 Material steel weith alsi stainless steel AISI 303 stainless steel AISI 303 Material steels: Viton® Weight in kg: 0.0337 Stainless steel AISI 301 <td< td=""><td></td><td></td></td<> | | |
| Bore area in mm*: 20 Advantages: One-hand operation. Small dimensions. Minimal, almost Advantages: imperceptible leakage when uncoupling. No air locked into the system during the coupling process. PB = 8 bar maximum static working pressure with safety factor 4 to 1. -20°C up to +100°C (NBR) -40°C up to +120/150°C (EPDM) -15°C up to +200°C (FKM) depending on the medium. -20°C up to +100°C (NBR) -40°C up to +120/150°C (EPDM) -15°C up to +200°C (FKM) depending on the Shut-Off: Quick coupling Dry-Break (double shut-off) Connection description: Male thread ANSI B 1.20.1 1/4" Connection type: Male thread Material description: stainless steel AISI 303 Seal description: Fluororubber Surface: blank finish Material connection: stainless steel AISI 303 Material serve: stainless steel AISI 303 Material spring snap ring: stainless steel AISI 303 Safety locking system: No Safety locking system: No | | |
| Advantages: One-hand operation. Small dimensions. Minimal, almost imperceptible leakage when uncoupling. No air locked working pressure: Working pressure: PB = 8 bar maximum static working pressure with safety factor 4 to 1. Working temperature: -20°C up to +100°C (NBR) -40°C up to +120/150°C (EPDM) -15°C up to +200°C (FKM) depending on the medium. Shut-Off: Quick coupling Dry-Break (double shut-off) Connection: Male thread NPT 1/4" Connection type: Male NPT thread ANSI B 1.20.1 1/4" Connection type: Male thread Material: stainless steel AISI 303 Seal description: Fluororubber Surface: blank finish Material valve body: stainless steel AISI 303 Material valve body: stainless steel AISI 303 Material seleve: stainless steel AISI 303 Material valve body: stainless steel AISI 303 Material seleve: stainless steel AISI 303 Material seleve: stainless steel AISI 303 Material seleve: stainless steel AISI 303 Material seles: Viton® Material seles: Viton® Material seles: Viton® | | |
| Working pressure: factor 4 to 1. -20°C up to +100°C (NBR) -40°C up to +120/150°C Working temperature: -20°C up to +100°C (NBR) -40°C up to +120/150°C Shut-Off: Quick coupling Dry-Break (double shut-off) Connection description: Male thread NPT 1/4" Connection description: Male thread Material stainless steel AISI 303 Material description: Stainless steel AISI 303 Seal description: Fluororubber Surface: blank finish Material connection: stainless steel AISI 303 Material valve body: stainless steel AISI 303 Material valve: stainless steel AISI 303 Material seal: Viton® Weight in kg: 0,0337 Self-venting coupling: No Safety locking system: No Safety locking system: No Safety locking system: <t< td=""><td></td><td>One-hand operation. Small dimensions. Minimal, almost imperceptible leakage when uncoupling. No air locked</td></t<> | | One-hand operation. Small dimensions. Minimal, almost imperceptible leakage when uncoupling. No air locked |
| Working temperature:(EPDM) -15°C up to +200°C (FKM) depending on the medium.Shut-Off:Quick coupling Dry-Break (double shut-off)ConnectionMale thread NPT 1/4"Connection description:Male NPT thread ANSI B 1.20.1 1/4"Connection type:Male threadMaterialstainless steel AISI 303Material description:stainless steel AISI 303Sate description:Stainless steel AISI 303Seal description:Stainless steel AISI 303Suface:blank finishMaterial connection:stainless steel AISI 303Material seve:stainless steel AISI 303Material seleve:stainless steel AISI 303Material seleve:stainless steel AISI 303Material seleve:stainless steel AISI 303Material sping snap ring:stainless steel AISI 303Material balls/pins:Stainless steel AISI 304Material balls/pins:Stainless steel AISI 304Material balls/pins:Stainless steel AISI 304Material balls/pins:Stainless steel AISI 304Material balls/pins:Stainless steel AISI 305Self-venting coupling:NoSafety locking system:NoSingle-hand operation:YesYesNoBall locking:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesSuitable breath / respiratory protection:NoPresure eliminator:NoPresure eliminator:NoPresure eliminator:No< | Working pressure: | PB = 8 bar maximum static working pressure with safety factor 4 to 1. |
| Connection:Male thread NPT 1/4"Connection description:Male threadConnection type:Male threadMaterial:stainless steel AISI 303Material description:Stainless steel AISI 303Seal description:FluororubberSurface:blank finishMaterial valve body:stainless steel AISI 303Material valve:stainless steel AISI 303Material valve:stainless steel AISI 303Material valve:stainless steel AISI 303Material serve:stainless steel AISI 301Material balls/pins:Stainless steel AISI 301Material seal:Viton®Weight in kg:0,0337Self-venting coupling:NoSingle-hand operation:YesTwo-hand operation:NoBall locking:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesWater-resistant:NoFla-sealing:YesSuitable breath / respiratory protection:NoPressure eliminator:NoPressure eliminator:NoPressure eliminator:NoPressure eliminator:NoPressure eliminator:NoPneumatics:YesStandard product:No | Working temperature: | (EPDM) -15°C up to +200°C (FKM) depending on the |
| Connection description:Male NPT thread ANSI B 1.20.1 1/4"Connection type:Male threadMaterial:stainless steel AISI 303Material description:stainless steel AISI 303Seal description:FluororubberSurface:blank finishMaterial valve body:stainless steel AISI 303Material steeve:stainless steel AISI 303Material steeve:stainless steel AISI 303Material steeve:stainless steel AISI 303Material spring snap ring:stainless steel AISI 301Material balls/pins:Stainless steel AISI 301Material seal:Viton®Weight in kg:0,0337Self-venting coupling:NoSafety locking system:NoSingle-hand operation:YesTwo-hand operation:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesWater-resistant:NoSuitable breath / respiratory protection:NoFlat-sealing:YesSuitable breath / respiratory protection:NoPressure eliminator:NoPressure eliminator:NoPresure eliminator:NoPneumatics:YesStandard product:No | Shut-Off: | Quick coupling Dry-Break (double shut-off) |
| Connection type:Male threadMaterial:stainless steel AISI 303Material description:Stainless steel AISI 303Seal description:FluororubberSurface:blank finishMaterial connection:stainless steel AISI 303Material valve body:stainless steel AISI 303Material valve body:stainless steel AISI 303Material valve body:stainless steel AISI 303Material valve:stainless steel AISI 303Material sleeve:stainless steel AISI 303Material seal:Viton®Weight in kg:0.0337Self-venting coupling:NoSafety locking system:NoSingle-hand operation:YesTwo-hand operation:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesWater-resistant:NoFlat-sealing:YesSuitable breath / respiratory protection:NoPressure eliminator:NoHydraulics:NoPneumatics:YesStandard product:No | Connection: | Male thread NPT 1/4" |
| Material:stainless steel AISI 303Material description:stainless steel AISI 303Seal description:FluororubberSurface:blank finishMaterial connection:stainless steel AISI 303Material valve body:stainless steel AISI 303Material valve body:stainless steel AISI 303Material valve:stainless steel AISI 303Material sleeve:stainless steel AISI 303Material sleeve:stainless steel AISI 303Material sleeve:stainless steel AISI 303Material spring snap ring:stainless steel AISI 301Material balls/pins:Stainless steel AISI 316Material seal:Viton®Weight in kg:0,0337Self-venting coupling:NoSafety locking system:NoSingle-hand operation:YesTwo-hand operation:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesWater-resistant:NoFlat-sealing:YesSuitable breath / respiratory protection:NoPressure eliminator:NoPressure eliminator:NoPressure eliminator:NoPresure eliminator:NoPresure eliminator:NoPneumatics:YesStandard product:No | Connection description: | Male NPT thread ANSI B 1.20.1 1/4" |
| Material description:stainless steel AISI 303Seal description:FluororubberSurface:blank finishMaterial connection:stainless steel AISI 303Material valve body:stainless steel AISI 303Material valve body:stainless steel AISI 303Material valve body:stainless steel AISI 303Material valve:stainless steel AISI 303Material spring snap ring:stainless steel AISI 303Material balls/pins:Stainless steel AISI 301Material balls/pins:Stainless steel AISI 301Material seal:Viton®Weight in kg:0,0337Self-venting coupling:NoSafety locking system:NoSingle-hand operation:YesTwo-hand operation:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesWater-resistant:NoFlat-sealing:YesSuitable breath / respiratory protection:NoPressure eliminator:NoPressure eliminat | | Male thread |
| Seal description:FluororubberSurface:blank finishMaterial connection:stainless steel AISI 303Material valve body:stainless steel AISI 303Material valve body:stainless steel AISI 303Material sleeve:stainless steel AISI 303Material valve:stainless steel AISI 303Material spring snap ring:stainless steel AISI 301Material balls/pins:Stainless steel AISI 301Material seal:Viton®Weight in kg:0,0337Self-venting coupling:NoSafety locking system:NoSingle-hand operation:YesTwo-hand operation:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesWater-resistant:NoFlat-sealing:YesSuitable breath / respiratory protection:NoPressure eliminator:NoPressure eliminator:NoPresure eliminator:NoPresure eliminator:NoPresure eliminator:NoPresure eliminator:NoPresure eliminator:NoPresure eliminator:NoPresure eliminator:YesStandard product:No | Material: | stainless steel AISI 303 |
| Surface:blank finishMaterial connection:stainless steel AISI 303Material valve body:stainless steel AISI 303Material sleeve:stainless steel AISI 303Material valve:stainless steel AISI 303Material valve:stainless steel AISI 303Material spring snap ring:stainless steel AISI 301Material balls/pins:Stainless steel AISI 301Material seal:Viton®Weight in kg:0,0337Self-venting coupling:NoSafety locking system:NoSingle-hand operation:YesTwo-hand operation:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesWater-resistant:NoFlat-sealing:YesSuitable breath / respiratory protection:NoPressure eliminator:NoPressure eliminator:NoPressure eliminator:NoPreumatics:YesStandard product:No | Material description: | stainless steel AISI 303 |
| Material connection:stainless steel AISI 303Material connection:stainless steel AISI 303Material valve body:stainless steel AISI 303Material sleeve:stainless steel AISI 303Material valve:stainless steel AISI 303Material spring snap ring:stainless steel AISI 301Material balls/pins:Stainless steel AISI 301Material seal:Viton®Weight in kg:0,0337Self-venting coupling:NoSafety locking system:NoSingle-hand operation:YesTwo-hand operation:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesWater-resistant:NoFlat-sealing:YesSuitable breath / respiratory protection:NoPressure eliminator:NoPressure eliminator: </td <td>Seal description:</td> <td>Fluororubber</td> | Seal description: | Fluororubber |
| Material valve body:stainless steel AISI 303Material sleeve:stainless steel AISI 303Material sleeve:stainless steel AISI 303Material spring snap ring:stainless steel AISI 301Material spring snap ring:stainless steel AISI 301Material seal:Viton®Weight in kg:0,0337Self-venting coupling:NoSafety locking system:NoSingle-hand operation:YesTwo-hand operation:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesWater-resistant:NoFlat-sealing:YesSuitable breath / respiratory protection:NoPressure eliminator:NoPressure e | Surface: | blank finish |
| Material sleeve:stainless steel AISI 303Material valve:stainless steel AISI 303Material spring snap ring:stainless steel AISI 301Material sal:Viton®Weight in kg:0,0337Self-venting coupling:NoSafety locking system:NoSingle-hand operation:YesTwo-hand operation:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesWater-resistant:NoFlat-sealing:YesSuitable breath / respiratory protection:NoPressure eliminator:NoPressure elimina | Material connection: | stainless steel AISI 303 |
| Material valve:stainless steel AISI 303Material spring snap ring:stainless steel AISI 301Material balls/pins:Stainless steel AISI 316Material seal:Viton®Weight in kg:0,0337Self-venting coupling:NoSafety locking system:NoSingle-hand operation:YesTwo-hand operation:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesWater-resistant:NoFlat-sealing:YesSuitable breath / respiratory protection:NoPressure eliminator:NoPressure eliminator:NoPresure static:NoPresure static:No <td>Material valve body:</td> <td>stainless steel AISI 303</td> | Material valve body: | stainless steel AISI 303 |
| Material spring snap ring:stainless steel AISI 301Material balls/pins:Stainless steel AISI 316Material seal:Viton®Weight in kg:0,0337Self-venting coupling:NoSafety locking system:NoSingle-hand operation:YesTwo-hand operation:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesWater-resistant:NoFlat-sealing:YesSuitable breath / respiratory protection:NoPressure eliminator:NoHydraulics:NoPneumatics:YesStandard product:No | Material sleeve: | stainless steel AISI 303 |
| Material balls/pins:Stainless steel AISI 316Material seal:Viton®Weight in kg:0,0337Self-venting coupling:NoSafety locking system:NoSafety locking system:NoSingle-hand operation:YesTwo-hand operation:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesWater-resistant:NoFlat-sealing:YesSuitable breath / respiratory protection:NoPressure eliminator:NoHydraulics:NoPneumatics:YesStandard product:No | Material valve: | stainless steel AISI 303 |
| Material seal:Viton®Weight in kg:0,0337Self-venting coupling:NoSafety locking system:NoSingle-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 | Material spring snap ring: | stainless steel AISI 301 |
| Weight in kg:0,0337Self-venting coupling:NoSafety locking system:NoSingle-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:YesStandard product:No | Material balls/pins: | Stainless steel AISI 316 |
| Self-venting coupling:NoSafety locking system:NoSingle-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 | Material seal: | Viton® |
| Safety locking system:NoSingle-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 | Weight in kg: | 0,0337 |
| 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:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesWater-resistant:NoFlat-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: No Flat-sealing: Yes Suitable breath / respiratory protection: No Pressure eliminator: No Hydraulics: No Pneumatics: Yes Standard product: No | Two-hand operation: | No |
| Witra-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 | 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 |
| Pressure eliminator: No Hydraulics: No Pneumatics: Yes Standard product: No | Suitable breath / respiratory protection: | No |
| Pneumatics: Yes Standard product: No | | No |
| Standard product: No | Hydraulics: | No |
| | Pneumatics: | Yes |
| Mould coupling: No | Standard product: | No |
| | Mould coupling: | No |

Dimensions