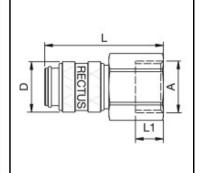
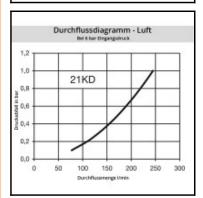
Datasheet of 21KDIW13MPN Quick coupling with female thread D U S T R I E











Description

Quick coupling safety double shut-off, female thread G 1/4, nominal diameter 5, <35 bar, brass nickel plated, seal NBR

Mini industrial coupling with the world's most popular profile in this nominal diameter. Above average flow performance for liquid and gaseous medio. It also uses an additional safety locking system. This prevents unintentional disconnection. When being disconnected, the plug must first be pushed further into the coupling before it can be disconnected.

Details

Series long: 21KD Bore in mm: 5 Bore area in mm*: 20 Advantages: Small dimensions. Safety lock prevents accidental disconnection. Working pressure: 35 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 (FKM) of cup to to +200° (FKM) of cup to +316°C (FFKM) depending on the medium. Shut-Off: Quick coupling Safety (double shut-off) Connection description: Female thread 1/4" Connection description: Female thread of Whitworth form ISO 228 1/4" Connection description: Brass nickel plated Material description: Brass nickel plated Material connection: Brass nickel plated Material searciton: nickel plated Material searciton: Brass nickel plated	Series:	21
Bore in mm: 5 Bore area in mm?: 20 Advantages: Small dimensions. Safety lock prevents accidental disconnection. Working pressure: 35 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 (EFMD) 0/D to +1200°C in to +200°C (FKM) 0/D to +200°C (FKM) 0/D up to +1316°C (FFKM) 0/D up to +120/150°C (EFMD) 0/D up to +120/150°C (EFMD) 0/D up to +120/150°C up to +200°C (FKM) 0/D up to +120/150°C (EFMD) 0/D up to +120/150°C up to +210°C in the safety factor 4 to 1. Shut-Off: Quick coupling Safety (double shut-off) Connection description: Female thread 1/4" Connection type: Female thread Material description: Brass nickel plated Material description: Brass nickel plated Material connection: Brass nickel plated Material soping snap ring: Brass nickel plated Material serve: Brass nickel plated Material sping snap ring: Stainless steel AISI 301 Material sping snap ring: Stainless steel AISI 420 Material sping snap ring: Stainless steel AISI 420 Material sping snap ring: No Safety locking system: Yes Single-hand operation: No <td>Series long:</td> <td>21KD</td>	Series long:	21KD
Advantages: Small dimensions. Safety lock prevents accidental disconnection. Working pressure: 35 bar maximum static working pressure with safety factor 4 to 1. Working temperature: -20°C up to +100°C (MBR) -40°C up to +120/150°C (EPDM) -15°C up to >20°C (FKM) 0°C up to +316°C (FFKM) depending on the medium. Shut-Off: Quick coupling Safety (double shut-off) Connection description: Female thread 1/4" Connection description: Female thread Material description: Brass nickel plated Material description: Brass nickel plated Material connection: Brass nickel plated Material valve body: Brass nickel plated Material valve body: Brass nickel plated Material valve body: Brass nickel plated Material serve: Brass nickel plated Material valve: Brass nickel plated Material valve: Brass nickel plated Material serve: Brass nickel plated Material valve: Brass Material valve: Brass Stainless steel AISI 301 Material valve: Quist Stainless steel AISI 420 Material seal: Perbunar®		
Advantages: disconnection. Working pressure: 35 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) 0°C up to +316°C (FFKM) depending on the medium. Shut-Off: Quick coupling Safety (double shut-off) Connection description: Female thread 1/4" Connection type: Female thread of Whitworth form ISO 228 1/4" Connection type: Female thread of Whitworth form ISO 228 1/4" Connection type: Female thread of Whitworth form ISO 228 1/4" Connection type: Female thread of Whitworth form ISO 228 1/4" Connection type: Female thread Material description: Brass nickel plated Material description: Brass nickel plated Material solve body: Brass nickel plated Material solve body: Brass nickel plated Material solve: Brass nickel plated Material solve: Brass nickel plated Material soling sonp ring: stainless steel AISI 301 Material soling coupling: No Safety locking system: Yes Single-hand operation: No Two-hand operation: Yes	Bore area in mm ² :	20
working pressure: 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) 0°C up to +316°C (FFKM) depending on the medium. Shut-Off: Quick coupling Safety (double shut-off) Connection description: Female thread 1/4" Connection description: Female pipe thread of Whitworth form ISO 228 1/4" Connection description: Female thread Material Brass nickel plated Material description: Nitrite-butadiene rubber Surface: nickel plated Material connection: Brass nickel plated Material valve body: Brass nickel plated Material valve: Brass Material valve: Perbunan® Weight in kg: 0,039 Self-venting coupling	Advantages:	
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Material: Brass nickel plated Material description: Brass CuZn39Pb3 2.0401 (except sleeve) Seal description: Nitrite-butadiene rubber Surface: nickel plated Material connection: Brass nickel plated Material valve body: Brass nickel plated Material valve body: Brass nickel plated Material valve: Brass Material sleeve: Brass Material spring snap ring: stainless steel AISI 301 Material balls/pins: Stainless steel AISI 420 Material seal: Perbunan® Weight in kg: 0,039 Self-venting coupling: No Safety locking system: Yes Single-hand operation: No Yes No Ball locking: Yes Pin lock: No Vacuum suitable: Yes Ves No Suitable breath / respiratory protection: Yes Suitable breath / respiratory protection: Yes Presume eliminator: No Presume eliminator: No Presume eliminator: No </td <td>Connection description:</td> <td>Female pipe thread of Whitworth form ISO 228 1/4"</td>	Connection description:	Female pipe thread of Whitworth form ISO 228 1/4"
Material description:Brass CuZn39Pb3 2.0401 (except sleeve)Seal description:Nitrite-butadiene rubberSurface:nickel platedMaterial connection:Brass nickel platedMaterial valve body:Brass nickel platedMaterial valve body:Brass nickel platedMaterial valve:BrassMaterial sleeve:Brass nickel platedMaterial spring snap ring:stainless steel AISI 301Material balls/pins:Stainless steel AISI 301Material balls/pins:Stainless steel AISI 420Material seal:Perbunan®Weight in kg:0.039Self-venting coupling:NoSafety locking system:YesSingle-hand operation:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesVater-resistant:YesFlat-sealing:NoSuitable breath / respiratory protection:YesPressure eliminator:NoHydraulics:NoPneumatics:YesStandard product:No	Connection type:	Female thread
Seal description:Nitrite-butadiene rubberSurface:nickel platedMaterial connection:Brass nickel platedMaterial valve body:Brass nickel platedMaterial valve body:Brass nickel platedMaterial valve:Brass nickel platedMaterial speve:Brass nickel platedMaterial spring snap ring:stainless steel AISI 301Material balls/pins:Stainless steel AISI 420Material seal:Perbunan®Weight in kg:0,039Self-venting coupling:NoSafety locking system:YesSingle-hand operation:YesBall locking:YesPin tock:NoUltra-FLO-valve:NoVacuum suitable:YesSuitable breath / respiratory protection:YesPressure eliminator:NoPressure eliminator:NoPressure eliminator:NoPressure eliminator:NoPressure eliminator:NoPressure eliminator:NoPresure eliminator:NoPressure eliminator:YesPressure eliminator:NoPressure eliminator:NoPressure eliminator:YesStandard product:No	Material:	Brass nickel plated
Surface:nickel platedMaterial connection:Brass nickel platedMaterial valve body:Brass nickel platedMaterial sleeve:Brass nickel platedMaterial sleeve:Brass nickel platedMaterial valve:BrassMaterial spring snap ring:stainless steel AISI 301Material balls/pins:Stainless steel AISI 420Material seal:Perbunan®Weight in kg:0,039Self-venting coupling:NoSafety locking system:YesSingle-hand operation:NoTwo-hand operation:YesBall locking:YesPin lock:NoUtra-FLO-valve:NoVacuum suitable:YesFlat-sealing:NoSuitable breath / respiratory protection:YesPressure eliminator:NoHydraulics:NoPneumatics:YesStandard product:No	Material description:	Brass CuZn39Pb3 2.0401 (except sleeve)
Material connection:Brass nickel platedMaterial connection:Brass nickel platedMaterial sleeve:Brass nickel platedMaterial sleeve:BrassMaterial spring snap ring:stainless steel AISI 301Material balls/pins:Stainless steel AISI 420Material seal:Perbunan®Weight in kg:0,039Sef-venting coupling:NoSafety locking system:YesSingle-hand operation:YesBall locking:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesFlat-sealing:NoSuitable breath / respiratory protection:YesPressure eliminator:NoSuitable breath / respiratory protection:YesPressure eliminator:NoPressure eliminator:NoPressure eliminator:NoMaterial sea:NoSuitable breath / respiratory protection:YesPressure eliminator:NoPressure eliminator:NoPressure eliminator:NoPressure eliminator:NoPressure eliminator:NoPressure eliminator:NoPressure eliminator:NoPressure eliminator:NoPressure eliminator:NoMaterial sea:YesStandard product:No	Seal description:	Nitrite-butadiene rubber
Material valve body:Brass nickel platedMaterial sleeve:Brass nickel platedMaterial sleeve:BrassMaterial spring snap ring:stainless steel AISI 301Material spring snap ring:Stainless steel AISI 420Material seal:Perbunan®Weight in kg:0,039Self-venting coupling:NoSafety locking system:YesSingle-hand operation:NoTwo-hand operation:YesBall locking:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesFlat-sealing:NoSuitable breath / respiratory protection:YesPressure eliminator:NoSuitable breath / respiratory protection:YesPressure eliminator:NoPressure eliminator:NoPressure eliminator:NoPneumatics:YesStandard product:No	Surface:	nickel plated
Material sleeve:Brass nickel platedMaterial valve:BrassMaterial spring snap ring:stainless steel AISI 301Material spring snap ring:Stainless steel AISI 420Material seal:Perbunan®Weight in kg:0,039Self-venting coupling:NoSafety locking system:YesSingle-hand operation:NoTwo-hand operation:YesBall locking:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesFlat-sealing:NoSuitable breath / respiratory protection:YesPressure eliminator:NoHydraulics:NoPneumatics:YesStandard product:No	Material connection:	Brass nickel plated
Material valve:BrassMaterial spring snap ring:stainless steel AISI 301Material balls/pins:Stainless steel AISI 420Material seal:Perbunan®Weight in kg:0,039Self-venting coupling:NoSafety locking system:YesSingle-hand operation:NoTwo-hand operation:YesBall locking:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesFlat-sealing:NoSuitable breath / respiratory protection:YesPressure eliminator:NoHydraulics:NoPneumatics:YesStandard product:No	Material valve body:	Brass nickel plated
Material spring snap ring:stainless steel AISI 301Material salls/pins:Stainless steel AISI 420Material seal:Perbunan®Weight in kg:0,039Self-venting coupling:NoSafety locking system:YesSingle-hand operation:NoTwo-hand operation:YesBall locking:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesFlat-sealing:NoSuitable breath / respiratory protection:YesPressure eliminator:NoHydraulics:NoPneumatics:YesStandard product:No	Material sleeve:	Brass nickel plated
Material balls/pins:Stainless steel AISI 420Material seal:Perbunan®Weight in kg:0,039Self-venting coupling:NoSafety locking system:YesSingle-hand operation:NoTwo-hand operation:YesBall locking:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesWater-resistant:YesFlat-sealing:NoSuitable breath / respiratory protection:YesPressure eliminator:NoHydraulics:NoPneumatics:YesStandard product:No	Material valve:	Brass
Material seal:Perbunan®Weight in kg:0,039Self-venting coupling:NoSafety locking system:YesSingle-hand operation:NoTwo-hand operation:YesBall locking:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesWater-resistant:YesFlat-sealing:NoSuitable breath / respiratory protection:YesPressure eliminator:NoHydraulics:NoPneumatics:YesStandard product:No	Material spring snap ring:	stainless steel AISI 301
Weight in kg:0,039Self-venting coupling:NoSafety locking system:YesSingle-hand operation:NoTwo-hand operation:YesBall locking:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesWater-resistant:YesFlat-sealing:NoSuitable breath / respiratory protection:YesPressure eliminator:NoHydraulics:NoPneumatics:YesStandard product:No	Material balls/pins:	Stainless steel AISI 420
Self-venting coupling:NoSafety locking system:YesSingle-hand operation:NoTwo-hand operation:YesBall locking:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesWater-resistant:YesFlat-sealing:NoSuitable breath / respiratory protection:YesPressure eliminator:NoHydraulics:NoPneumatics:YesStandard product:No	Material seal:	Perbunan®
Safety locking system:YesSingle-hand operation:NoTwo-hand operation:YesBall locking:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesWater-resistant:YesFlat-sealing:NoSuitable breath / respiratory protection:YesPressure eliminator:NoHydraulics:NoPneumatics:YesStandard product:No	Weight in kg:	0,039
Single-hand operation:NoTwo-hand operation:YesBall locking:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesWater-resistant:YesFlat-sealing:NoSuitable breath / respiratory protection:YesPressure eliminator:NoHydraulics:NoPneumatics:YesStandard product:No	Self-venting coupling:	No
Two-hand operation:YesBall locking:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesWater-resistant:YesFlat-sealing:NoSuitable breath / respiratory protection:YesPressure eliminator:NoHydraulics:NoPneumatics:YesStandard product:No	Safety locking system:	Yes
Ball locking:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesWater-resistant:YesFlat-sealing:NoSuitable breath / respiratory protection:YesPressure eliminator:NoHydraulics:NoPneumatics:YesStandard product:No	Single-hand operation:	No
Pin lock:NoUltra-FLO-valve:NoVacuum suitable:YesWater-resistant:YesFlat-sealing:NoSuitable breath / respiratory protection:YesPressure eliminator:NoHydraulics:NoPneumatics:YesStandard product:No	Two-hand operation:	Yes
Ultra-FLO-valve: No Vacuum suitable: Yes Water-resistant: Yes Flat-sealing: No Suitable breath / respiratory protection: Yes Pressure eliminator: No Hydraulics: No Pneumatics: Yes Standard product: No	Ball locking:	Yes
Vacuum suitable:YesWater-resistant:YesFlat-sealing:NoSuitable breath / respiratory protection:YesPressure eliminator:NoHydraulics:NoPneumatics:YesStandard product:No	Pin lock:	No
Water-resistant: Yes Flat-sealing: No Suitable breath / respiratory protection: Yes Pressure eliminator: No Hydraulics: No Pneumatics: Yes Standard product: No	Ultra-FLO-valve:	No
Flat-sealing: No Suitable breath / respiratory protection: Yes Pressure eliminator: No Hydraulics: No Pneumatics: Yes Standard product: No	Vacuum suitable:	Yes
Suitable breath / respiratory protection: Yes 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:	No
Hydraulics: No Pneumatics: Yes Standard product: No	Suitable breath / respiratory protection:	Yes
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 1/4
D mm:	16
L mm:	38
L1 mm:	9
SW mm:	17