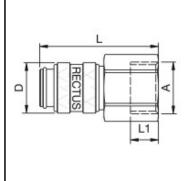
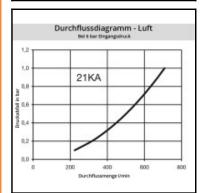
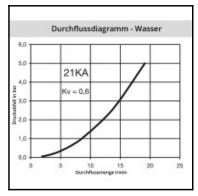


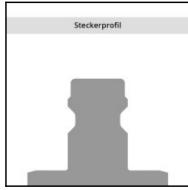
Datasheet of 21KAIN10MPN Quick coupling with female thread DUST











Description

Quick coupling single shut-off, female thread NPSF 1/8, nominal diameter 5, <35 bar, brass nickel plated, seal NRR

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: 21KA Bore in mm: 5 Bore area in mm²: 20 Advantages: One-hand operation. Small dimensions. All variants are compatible. Compatibility: RECTUS 90 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 Single Shut-Off Connection: Female thread NPSF 1/8° Connection description: Female thread NPSF-thread ANSI B 1.20.3 1/8° Connection type: Female thread NPSF-thread ANSI B 1.20.3 1/8° Material description: Brass nickel plated Material description: Nitrite-butadiene rubber Surface: nickel plated Material connection: Brass nickel plated Material valve body: Brass nickel plated Material sleeve: Brass nickel plated Material spring snap ring: stainless steel AISI 301 Material seal: Perbunan® Weight in Kg: Self-venting coupling: No Safety locking system: No Single-hand operation: Yes Wes Holden All Self-venting coupling: No No Safety locking system: No Ultra-FLO-valve: No Ves Water-resistant: Yes Holden All Self-venting couplinator: No Pressure eliminator: No		
Bore in mm: Bore area in mm?: 20 Advantages: Compatible. Compatible. Compatible. Compatible. Compatible. Compatible. Compatible. Compatible. RECTUS 90 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 (FFKM) gore up to +200/150°C (FFKM) gore up to +200/150°C (FFKM) gore up to +200°C (FFKM) gore up to +316°C (FFKM) go	Series:	21
Bore area in mm²: Advantages: Compatibility: RECTUS 90 Working pressure: ### Application of the pressure with safety factor 4 to 1. ### 20° Cup 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: Connection: ### Connection: ### E-male thread NPSF 1/8" Connection type: ### Female thread NPSF 1/8" Connection type: ### ### Brass nickel plated ### Material description: ### Sarl Suz/n39Pb3 2.0401 (except sleeve) ### Sarl Suz/n39Pb3 2.0401 (except sleeve) ### Sarl Suz/n39Pb3 2.0401 (except sleeve) ### Material connection: ### Brass nickel plated ### Material valve body: ### Brass nickel plated ### Material spring snap ring: ### ### ### Brass nickel plated ### ### ### ### ### ### ### ### ### #	Series long:	21KA
Advantages: One-hand operation. Small dimensions. All variants are compatibile. Compatibility: RECTUS 90 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 (FKM) depending on the medium. Shut-Off: Quick coupling Single Shut-Off Connection: Female thread NPSF-1/8" Connection description: Female thread NPSF-thread ANSI B 1.20.3 1/8" Connection type: Female thread NPSF-thread ANSI B 1.20.3 1/8" Connection type: Female thread NPSF-thread ANSI B 1.20.3 1/8" Connection type: Female thread NPSF-thread ANSI B 1.20.3 1/8" Connection type: Female thread NPSF-thread ANSI B 1.20.3 1/8" Connection type: Female thread NPSF-thread ANSI B 1.20.3 1/8" Connection type: Female thread NPSF-thread ANSI B 1.20.3 1/8" Connection type: Female thread NPSF-thread ANSI B 1.20.3 1/8" Connection type: Female thread NPSF-thread ANSI B 1.20.3 1/8" Connection type: Female thread NPSF-thread ANSI B 1.20.3 1/8" Connection type: Female thread NPSF-thread ANSI B 1.20.3 1/8" Connection type: Female thread NPSF-thread ANSI B 1.20.3 1/8" Connection type: Female thread NPSF-thread ANSI B 1.20.3 1/8" Connection type: Female thread NPSF-thread ANSI B 1.20.3 1/8" Connection type: Female thread NPSF-thread ANSI B 1.20.3 1/8" Connection type: Female thread NPSF-thread ANSI B 1.20.3 1/8" Connection type: Female thread NPSF-thread ANSI B 1.20.3 1/8" Connection type: Female thread NPSF-thread ANSI B 1.20.3 1/8" Female thread NPSF-thread ANSI B 1.20.3 1/8" Connection type: Female thread NPSF-thread ANSI B 1.20.4 1/8" Female thread NPSF-thread ANSI B 1.20.3 1/8" Connection type: Female thread NPSF-thread ANSI B 1.20.4 1/8" Female thread NPSF-thread ANSI B 1.20.3 1/8" Female	Bore in mm:	5
Advantages: compatible. Compatibility: RECTUS 90 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 Single Shut-Off (Connection: Female thread NPSF 1/8" Connection description: Female thread NPSF 1/8" Connection type: Female thread NPSF-thread ANSI B 1.20.3 1/8" Material: Brass nickel plated Material: Brass nickel plated Material connection: Pisce plated Material connection: Brass nickel plated Material valve body: Brass nickel plated Material valve body: Brass nickel plated Material valve: Brass nickel plated Material sleeve: Brass nickel plated Material spring snap ring: stainless steel AISI 301 Material spring snap ring: stainless steel AISI 420 Material seal: Perbunan® Meterial seal: Perbunan® Meterial seal: Perbunan® Meterial poperation: No Single-hand operation: No Single-hand operation: No Single-hand operation: No Ball locking: Yes Pin lock: No Ultra-FLO-valve: No Vese Water-resistant: Yes Filat-sealing: No Pressure eliminator: No Pressure eliminator: No Pressure eliminator: No Presure eliminator: No	Bore area in mm²:	20
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 +120/150°C (EPDM) -15°C up to +120.0°C (FKM) 0°C up to +316°C (FFKM) depending on the medium. Shut-Off:	Advantages:	·
Working pressure: factor 4 to 120°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 Single Shut-Off Connection: Female thread NPSF 1/8" Connection description: Female thread NPSF-thread ANSI B 1.20.3 1/8" Connection type: Female thread NPSF-thread ANSI B 1.20.3 1/8" Material description: Brass nickel plated Material description: Wirite-butadiene rubber Seal description: Brass nickel plated Material valve body: Brass nickel plated Material valve body: Brass nickel plated Material valve: Brass nickel plated Material valve: Brass nickel plated Material sleeve: Brass nickel plated Material sleeve: Brass nickel plated Material spring snap ring: Stainless steel AISI 301 Material balls/pins: Stainless steel AISI 301 Material seal: Perbunan® Weight in kg: 0.0321 Self-venting coupling: No Safety locking system: No Single-hand operation: Yes Pin lock: No Ultra-FLO-valve: No Ultra-FLO-valve: No Vacuum suitable: Yes Pressure eliminator: No Pressure eliminator: No Pressure eliminator: No Presure eliminator: No	Compatibility:	RECTUS 90
Working temperature: (EPDM) -15°C up to +200°C (FKM) 0°C up to +316°C (FKM) depending on the medium. Shut-Off: Quick coupling Single Shut-Off Connection: Female thread NPSF 1/8" Connection description: Female thread NPSF-thread ANSI B 1.20.3 1/8" Connection type: Female thread Material: Brass nickel plated Material description: Surface: Material connection: Brass Nickel plated Material connection: Brass nickel plated Material selve: Brass nickel plated Material sleve: Brass nickel plated Material valve body: Brass nickel plated Material valve lated Material spring snap ring: Material spring snap ring: Material spring snap ring: Material selve: Brass nickel plated Material spring snap ring: Material selve: Brass nickel plated Material spring snap ring: Material spring snap ring: Material selve: Brass Material spring snap ring: Material selve: Material spring snap ring: Material spring snap	Working pressure:	
Connection: Female thread NPSF 1/8" Connection description: Female thread NPSF-thread ANSI B 1.20.3 1/8" Female thread thread thread. Female thread thread thread. Female thread.	Working temperature:	(EPDM) -15°C up to +200°C (FKM) 0°C up to +316°C
Connection description: Connection type: Female thread MPSF-thread ANSI B 1.20.3 1/8" Connection type: Female thread Material: Brass nickel plated Material description: Seal description: Surface: Material connection: Material connection: Material valve body: Material sleeve: Material sleeve: Material sleeve: Brass nickel plated Material valve body: Material sleeve: Brass nickel plated Material sleeve: Brass nickel plated Material sleeve: Brass nickel plated Material sleeve: Material sleeve: Brass nickel plated Material sleeve: Brass nickel plated Material sleeve: Material spring snap ring: Stainless steel AISI 301 Material balls/pins: Stainless steel AISI 420 Material balls/pins: Meterial seal: Perbunan® Weight in kg: 0,0321 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: Yes Water-resistant: Yes Wes Water-resistant: Yes Flat-sealing: No Pressure eliminator: No Pressure eliminator: No Presure eliminator: No Presuratics: Yes Standard product: No	Shut-Off:	Quick coupling Single Shut-Off
Connection type: Material: Brass nickel plated Material description: Seal description: Nitrite-butadiene rubber Surface: nickel plated Material connection: Brass nickel plated Material connection: Brass nickel plated Material valve body: Brass nickel plated Material sleeve: Brass nickel plated Material sleeve: Brass nickel plated Material sleeve: Brass nickel plated Material spring snap ring: Stainless steel AISI 301 Material balls/pins: Material balls/pins: Stainless steel AISI 420 Material seal: Perbunan® Weight in kg: 0,0321 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: Yes Flat-sealing: No Suitable breath / respiratory protection: No Presurre eliminator: No Presurre difference No Presurre eliminator: No Presurred: No No No No Presurred: No No No No Presurred: No No No Presurred: No No No Presurred: No Presurred: No No	Connection:	Female thread NPSF 1/8"
Material: Brass nickel plated Material description: Brass CuZn39Pb3 2.0401 (except sleeve) Seal description: Nitrite-butadiene rubber Surface: Material connection: Material valve body: Material sleeve: Brass nickel plated Brass nickel pla	Connection description:	Female thread NPSF-thread ANSI B 1.20.3 1/8"
Material description: Seal description: Nitrite-butadiene rubber Surface: nickel plated Material connection: Brass nickel plated Material valve body: Brass nickel plated Material sleeve: Brass nickel plated Material sleeve: Brass nickel plated Material valve: Brass nickel plated Material sleeve: Brass nickel plated Material sleeve: Brass nickel plated Material sleeve: Brass Material spring snap ring: Stainless steel AISI 301 Material balls/pins: Stainless steel AISI 420 Meterial seal: Perbunan® Weight in kg: 0,0321 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 Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Pneumatics: Yes Standard product: No	Connection type:	Female thread
Seal description: Nitrite-butadiene rubber Surface: nickel plated Material connection: Material valve body: Material sleeve: Material sleeve: Material spring snap ring: Material balls/pins: Material balls/pins: Material seal: Weight in kg: Safety locking system: No Single-hand operation: Two-hand operation: Pin lock: No Ultra-FLO-valve: Vacuum suitable: Vacuum suitable: Ves Wateriesiratory protection: No Pressure eliminator: No Presure diminator: No Pneumatics: No Pneumatics: Yes Standard product: No No No No No No No No No N	Material:	Brass nickel plated
Surface: Material connection: Material valve body: Material sleeve: Material sleeve: Material sleeve: Material sleeve: Material sleeve: Material spring snap ring: Material balls/pins: Material seal: Meterial seal stail satisfies steel AISI 301 Material seal stail satisfies steel AISI 420 Material seal seal stail satisfies steel AISI 420 Meterial seal seal stail satisfies steel AISI 420 Meterial seal seal satisfies steel AISI 420 Meterial seal satisfies steel AISI 420 Mo Material seal seal satisfies steel AISI 301 Mo Mo Material seal seal satisfies steel AISI 301 Mo Mo Meterial seal seal seal satisfies steel AISI 301 Mo Mo Meterial seal satisfies steel AISI 301 Mo Mo Meterial seal satisfies steel AISI 301 Mo Meterial seal sat	Material description:	Brass CuZn39Pb3 2.0401 (except sleeve)
Material connection: Material valve body: Material sleeve: Material sleeve: Material sleeve: Material sleeve: Material spring snap ring: Material balls/pins: Material balls/pins: Material seal: Weight in kg: Safety locking system: No Single-hand operation: Two-hand operation: Mo Ball locking: Yes Prin lock: Ultra-FLO-valve: Water-resistant: Flat-sealing: No Suitable breath / respiratory protection: Pressure eliminator: No Pneumatics: Yes Standard product: No Pressure diminator: No Pressure diminator No Pressure diminator No P	Seal description:	Nitrite-butadiene rubber
Material valve body: Material sleeve: Material sleeve: Material spring snap ring: Material balls/pins: Material balls/pins: Material seal: Weight in kg: Safety locking system: No Single-hand operation: Two-hand operation: Pin lock: With Julian balls with seal: Pin lock: Vacuum suitable: Water-resistant: Flat-sealing: No Suitable breath / respiratory protection: No Pneumatics: Yes Stanless steel AISI 301 Stainless steel AISI 420 Material seal: Perbunan® 0,0321 No No Safety locking system: No No No Single-hand operation: Yes Two-hand operation: No No Safety locking: Yes Two-hand operation: No No Suitable breath / respiratory protection: No Pressure eliminator: No Pneumatics: Yes Standard product: No	Surface:	nickel plated
Material sleeve: Material valve: Material spring snap ring: Material spring snap ring: Material balls/pins: Material balls/pins: Stainless steel AISI 301 Material seal: Perbunan® Weight in kg: 0,0321 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: Vacuum suitable: Yes Water-resistant: Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Pneumatics: Yes Standard product: No	Material connection:	Brass nickel plated
Material valve: Brass Material spring snap ring: stainless steel AISI 301 Material balls/pins: Stainless steel AISI 420 Material seal: Perbunan® Weight in kg: 0,0321 Self-venting coupling: No Safety locking system: 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: Yes Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Hydraulics: No Pneumatics: Yes Standard product: No	Material valve body:	Brass nickel plated
Material spring snap ring: Material balls/pins: Material seal: Weight in kg: Self-venting coupling: No Safety locking system: Single-hand operation: Two-hand operation: Mo Ball locking: Yes Pin lock: No Ultra-FLO-valve: Water-resistant: Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No No No No No No No No No N	Material sleeve:	Brass nickel plated
Material balls/pins: Material seal: Perbunan® Weight in kg: 0,0321 Self-venting coupling: No Safety locking system: No Single-hand operation: Two-hand operation: No Ball locking: Pin lock: No Ultra-FLO-valve: Vacuum suitable: Water-resistant: Flat-sealing: Suitable breath / respiratory protection: No Pressure eliminator: No No No Pneumatics: Yes Stainless steel AISI 420 No 0,0321 No No No No No No No No No N	Material valve:	Brass
Material seal: Weight in kg: Self-venting coupling: No Safety locking system: No Single-hand operation: Two-hand operation: Pes Pin lock: No Ultra-FLO-valve: Vacuum suitable: Water-resistant: Flat-sealing: Suitable breath / respiratory protection: No Pressure eliminator: No Phydraulics: No No No No Pheumatics: Yes Standard product: No No No No No No No No No N	Material spring snap ring:	stainless steel AISI 301
Weight in kg: 0,0321 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: Yes Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Hydraulics: No Pneumatics: Yes Standard product: No	Material balls/pins:	Stainless steel AISI 420
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: Yes Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Hydraulics: No Pneumatics: Yes Standard product: No	Material seal:	Perbunan®
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: Yes Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Hydraulics: No Pneumatics: Yes Standard product: No	Weight in kg:	0,0321
Single-hand operation: Yes Two-hand operation: No Ball locking: Yes Pin lock: No Ultra-FLO-valve: No Vacuum suitable: Yes Water-resistant: Yes Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Hydraulics: No Pneumatics: Yes Standard product: No	Self-venting coupling:	No
Two-hand operation: No Ball locking: Yes Pin lock: No Ultra-FLO-valve: No Vacuum suitable: Yes Water-resistant: Yes Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Hydraulics: No Pneumatics: Yes Standard product: No	Safety locking system:	No
Ball locking: Yes Pin lock: No Ultra-FLO-valve: No Vacuum suitable: Yes Water-resistant: Yes Flat-sealing: No 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: Yes Flat-sealing: No 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: No 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: No Suitable breath / respiratory protection: No Pressure eliminator: No Hydraulics: No Pneumatics: Yes Standard product: No	Pin lock:	No
Water-resistant: Yes Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Hydraulics: No Pneumatics: Yes Standard product: No	Ultra-FLO-valve:	No
Flat-sealing: Suitable breath / respiratory protection: No Pressure eliminator: Hydraulics: No Pneumatics: Yes Standard product: No	Vacuum suitable:	Yes
Suitable breath / respiratory protection: Pressure eliminator: No Hydraulics: No Pneumatics: Yes Standard product: No	Water-resistant:	Yes
Pressure eliminator: Hydraulics: No Pneumatics: Yes Standard product: No	Flat-sealing:	No
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