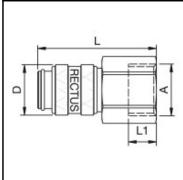
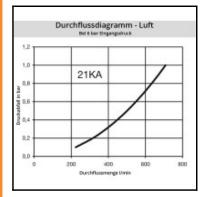
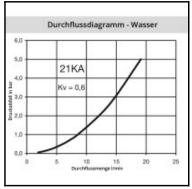


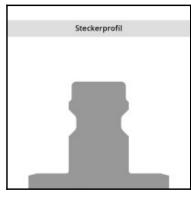
Datasheet of 21KAIN13MPX Quick coupling with female thread DUSTRIE











Description

Quick coupling single shut-off, female thread NPSF 1/4, nominal diameter 5, <35 bar, brass, 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. Coupling system with single-hand operation. Small dimensions and large band width in materials and valve variants.

Details

Series: 21 Bore in mm: 5 Bore area in mm?: 20 Advantages: One-hand operation. Small dimensions. All variants are compatible. Compatibility: RECTUS 90 Working pressure: 35 bar maximum static working pressure with safety factor 4 to 1. Working temperature: (EPDM) -15°C up to +100°C (NBR) -40°C up to +120/150°C (FKM) 90°C up to +120/150°C (FKM) 90°C up to +136°C (FKM) 96 epending on the medium. Shut-Off: Quick coupling Single Shut-Off Connection: Female thread NPSF 14" Connection description: Female thread NPSF-Gewinde ANSI B 1.20.3 1/4" Connection type: Female thread NPSF-Gewinde ANSI B 1.20.3 1/4" Connection type: Female thread NPSF-Gewinde ANSI B 1.20.3 1/4" Material description: Brass Material description: Brass CuZn39Pb3 2.0401 (except sleeve) Seal description: Nitrite-butadiene rubber Material valve body: Brass Material valve body: Brass Material sleeve: Brass Material spring snap ring: stainless steel AISI 301 Material balls/pins: Stainless steel AISI 420		
Bore in mm: Bore area in mm?: 20 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 (FFKM) 0°C up to +120/150°C (FFKM) depending on the medium. Shut-Off: Connection: Connection: Female thread NPSF 1/4* Connection description: Female thread NPSF 1/4* Connection type: Female thread NPSF 1/4* Connection type: Female thread NPSF 1/4* Safety connection: Brass Material description: Brass CuZn39Pb3 2.0401 (except sleeve) Surface: blank finish Material valve body: Material sleeve: Brass Material sleeve: Brass Material sleeve: Brass Material sleping snap ring: stainless steel AISI 301 Material balls/pins: Slainless steel AISI 420 Material seal: Perbunan® Material seal: Perbunan® No Safety locking system: No Safety locking system: No Surface: No No Vacuum sultable: Yes Pin lock: No Virsulable breath / respiratory protection: No Pressure eliminator: No Presumatics: Standard product: No		
Bore area in mm²: Advantages: Compatibility: RECTUS 90 Working pressure: 35 bar maximum static working pressure with safety factor 4 to 1. Working temperature: (EPDM) -15°C up to +120°C (FKM) 0°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 1/4" Connection description: Female thread NPSF 1/4" Connection type: Female thread NPSF-Gewinde ANSI B 1.20.3 1/4" Connection type: Female thread NPSF-Gewinde ANSI B 1.20.3 1/4" Connection type: Female thread NPSF-Gewinde ANSI B 1.20.3 1/4" Sald description: Brass Material description: Brass CuZn39Pb3 2.0401 (except sleeve) Seal description: Brass (material connection: Brass (material valve body: Brass Material spring snap ring: Material seal: Perbunan® Weight in kg: 0,0479 Self-venting coupling: No Safety locking system: No Safety locking system: No Safety locking system: No Safety locking system: No Ball locking: Yes Phon lock: Ultra-FLO-valve: No Vacuum suitable: Yes Water-resistant: Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Pressure eliminator: No Presumedia: Yes Standard product: No	-	
Advantages: Compatibility: RECTUS 90 Working pressure: 35 bar maximum static working pressure with safety factor 4 to 1.		1 ⁻
Advantages:	Bore area in mm ² :	
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 +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 1/4° Connection description: Female thread NPSF-Gewinde ANSI B 1.20.3 1/4° Connection type: Hemale thread NPSF-Gewinde ANSI B 1.20.3 1/4° Connection type: Female thread NPSF-Gewinde ANSI B 1.20.3 1/4° Connection type: Material description: Brass Material description: Brass CuZn39Pb3 2.0401 (except sleeve) Surface: blank finish Material connection: Brass Material valve body: Brass Material valve body: Brass Material valve: Brass Material sleeve: Brass Material palls/pins: Stainless steel AISI 301 Material balls/pins: Stainless steel AISI 420 Material seal: Perbunan® Veight in kg: 0,0479 Self-venting coupling: No Safety locking system: No Single-hand operation: No Sall locking: Yes Prin lock: No Ultra-FLO-valve: Yes Prin lock: No Suitable breath / respiratory protection: No Pressure eliminator: No Pressure eliminator: No Presumatics: Yes Standard product: No	Advantages:	
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 up to	Compatibility:	RECTUS 90
Working temperature: (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 1/4" Connection description: Female thread NPSF-Gewinde ANSI B 1.20.3 1/4" Connection type: Female thread description: Brass Material: Brass Material description: Surface: blank finish Material connection: Brass Material valve body: Brass Material sleeve: Brass Material sleeve: Brass Material spring snap ring: stainless steel AISI 301 Material balls/pins: Material seal: Perburan® Weight in kg: 0,0479 Self-venting coupling: No Safety locking system: No Single-hand operation: No Ball locking: Yes Pin lock: Wes-Fiat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Presure eliminator: No Presure eliminator: No Pneumatics: Yes Standard product: No Pneumatics: Yes Standard product: No	Working pressure:	
Connection: Female thread NPSF 1/4"	Working temperature:	(EPDM) -15°C up to +200°C (FKM) 0°C up to +316°C
Connection description: Connection type: Female thread NPSF-Gewinde ANSI B 1.20.3 1/4" Connection type: Female thread Material: Brass Material description: Seal description: Nitrite-butadiene rubber Surface: blank finish Material connection: Brass Material valve body: Brass Material sleeve: Brass Material spring snap ring: Stainless steel AISI 301 Material balls/pins: Material balls/pins: Veight in kg: 0,0479 Self-venting coupling: No Safety locking system: No Single-hand operation: Yes Two-hand operation: No Ball locking: Yes Pin lock: Ultra-FLO-valve: No Ultra-FLO-valve: Water-resistant: Fiat-sealing: No Pressure eliminator: No Pressure eliminator: No Presumatics: Yes Standard product: No	Shut-Off:	Quick coupling Single Shut-Off
Connection type: Material: Material: Brass Material description: Seal description: Nitrite-butadiene rubber Surface: blank finish Material connection: Brass Material valve body: Brass Material seeve: Brass Material seeve: Brass Material spring snap ring: Material spring snap ring: Stainless steel AISI 301 Material seal: Perbunan® Weight in kg: 0,0479 Self-venting coupling: No Safety locking system: No Single-hand operation: Two-hand operation: No Ball locking: Pressure No Ultra-FLO-valve: Water-resistant: Pess No Pressure eliminator: No Pressure eliminator: No Presuratics: No Pneumatics: No Pneumatics: Yes Standard product: No Pneumatics: Yes Standard product: No Presure No No No No No No No No No N	Connection:	Female thread NPSF 1/4"
Material: Material description: Seal description: Surface: 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: Single-hand operation: Two-hand operation: Two-hand operation: Mo Ball locking: Pin lock: With respiratory protection: No Stainless steel No No Weight in kg: No Safety locking system: No Single-hand operation: Two-hand operation: Yes Pin lock: No Weight in kg: No No Safety locking: Yes No Surful peration: No Ball locking: Yes Pin lock: No Who Who Wacuum suitable: Yes Water-resistant: Yes Suitable breath / respiratory protection: No Pressure eliminator: No Pneumatics: Yes Standard product: No	Connection description:	Female thread NPSF-Gewinde ANSI B 1.20.3 1/4"
Material description: Seal description: Nitrite-butadiene rubber Surface: blank finish Material connection: Brass Material valve body: Brass Material sleeve: Brass Material sleeve: Brass Material spring snap ring: Material spring snap ring: Stainless steel AISI 301 Material seal: Perbunan® Weight in kg: 0,0479 Self-venting coupling: No Safety locking system: No Single-hand operation: Yes Two-hand operation: Brass Mo Ultra-FLO-valve: Vacuum suitable: Yes Water-resistant: Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: Hydraulics: No Pneumatics: Yes Standard product: No Pressure eliminator: No Presumatics: Yes Standard product: No	Connection type:	Female thread
Seal description: Surface: Surface: Surface: Material connection: Material valve body: Material sleeve: Material spring snap ring: Material balls/pins: Material balls/pins: Material seal: Weight in kg: Seff-venting coupling: Safety locking system: No Single-hand operation: Two-hand operation: Ball locking: Yes Yes Yes Vacuum suitable: Yes Water-resistant: Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No No No Presumatics: Yes Standard product: No No No No No No No No No N	Material:	Brass
Surface: blank finish	Material description:	Brass CuZn39Pb3 2.0401 (except sleeve)
Material connection: Material valve body: Material sleeve: Material sleeve: Material spring snap ring: Material balls/pins: Material balls/pins: Material seal: Weight in kg: Self-venting coupling: No Safety locking system: No Single-hand operation: Two-hand operation: Mo Ball locking: Pes Pin lock: No Vacuum suitable: Water-resistant: Flat-sealing: No Suitable breath / respiratory protection: Pressure eliminator: Hydraulics: Press Material seal: Brass Brase Brass Brase Brass Brase	Seal description:	Nitrite-butadiene rubber
Material valve body: Material sleeve: Material sleeve: Material spring snap ring: Material spring snap ring: Material balls/pins: Material balls/pins: Stainless steel AISI 301 Material seal: Perbunan® Weight in kg: 0,0479 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 Pneumatics: Yes Standard product: No	Surface:	blank finish
Material sleeve: Material valve: Material spring snap ring: Material spring snap ring: Material balls/pins: Stainless steel AISI 301 Material balls/pins: Stainless steel AISI 420 Material seal: Perbunan® Weight in kg: 0,0479 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: Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Pneumatics: Yes Standard product: No	Material connection:	Brass
Material valve: Material spring snap ring: Material balls/pins: Stainless steel AISI 301 Material seal: Perbunan® Weight in kg: Self-venting coupling: No Safety locking system: No Single-hand operation: Two-hand operation: No Ball locking: Yes Pin lock: No Ultra-FLO-valve: No Vacuum suitable: Yes Water-resistant: Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Pneumatics: Yes Standard product: No No Stainless steel AISI 301 No No No No No No No No No N	Material valve body:	Brass
Material spring snap ring: Material balls/pins: Material seal: Weight in kg: Self-venting coupling: Safety locking system: No Single-hand operation: Two-hand operation: No Ball locking: Pin lock: Ultra-FLO-valve: Water-resistant: Flat-sealing: Suitable breath / respiratory protection: No Pressure eliminator: No Presumatics: Standard product: No Stainless steel AISI 301 No Perbunan® No No No No No Sourtane No No Pressure eliminator: No Presumatics: Yes Standard product: No	Material sleeve:	Brass
Material balls/pins: Material seal: Perbunan® Weight in kg: Self-venting coupling: No Safety locking system: No Single-hand operation: Two-hand operation: Pin lock: Ultra-FLO-valve: Vacuum suitable: Water-resistant: Flat-sealing: Suitable breath / respiratory protection: Pressure eliminator: Hydraulics: No Material balls/pins: Stainless steel AISI 420 No No No No No No No Safety locking: No No No No No No No No No N	Material valve:	Brass
Material seal: Weight in kg: Self-venting coupling: Safety locking system: No Single-hand operation: Two-hand operation: Pes Pin lock: Ultra-FLO-valve: Vacuum suitable: Water-resistant: Flat-sealing: Suitable breath / respiratory protection: Pressure eliminator: Hydraulics: Standard product: No O,0479 No No No No No No No No No N	Material spring snap ring:	stainless steel AISI 301
Weight in kg: 0,0479 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:	0,0479
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: Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: Hydraulics: No Pneumatics: Yes Standard product: No	Ultra-FLO-valve:	No
Flat-sealing: Suitable breath / respiratory protection: No Pressure eliminator: No 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