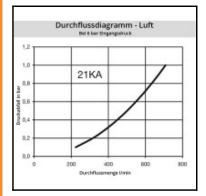
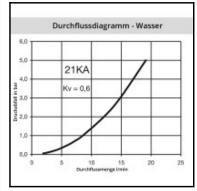


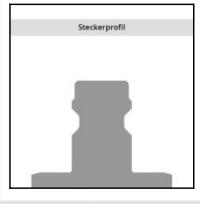
Datasheet of 21KAIW10MPX Quick coupling with female thread D U S T R I E



RECTUS L1







Description

Quick coupling single shut-off, female thread G 1/8, 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. -20°C up to +100°C (NBR) -40°C up to +120/150°C (FKM) 6°C up to +120/150°C (FKM) 6°C up to +316°C (FFKM) depending on the medium. Shut-Off: Quick coupling Single Shut-Off Connection: Female thread 118° Connection description: Female pipe thread of Whitworth form ISO 228 1/8° Connection type: Female pipe thread of Whitworth form ISO 228 1/8° Material description: Brass Material description: Brass Material description: Brass Quiface. Material valve body: Brass Material valve body: Brass Material seleve: Brass Material spring snap ring: stainless steel AISI 301 Material spring snap ring: stainless steel AISI 420 Material spring snap ring: stainless steel AISI 420 Material spring spring: No <t< th=""><th></th><th></th></t<>		
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 1/8° Connection description: Female thread 1/8° Connection type: Female thread 1/8° Advaterial description: Brass Material description: Brass CuZn39Pb3 2.0401 (except sleeve) Surface: blank finish Material valve body: Material sleeve: Brass Material slejning snap ring: Stainless steel AISI 301 Material balls/pins: Slainless steel AISI 420 Material seal: Perbunan® Weight in kg: O.029 Self-ventling coupling: No Safety locking system: No Single-hand operation: No No Vacuum suitable: Yes Ves Water-resistant: Yes Flees Handard product: No Pressure eliminator: Yes Standard product: Yes Standard product: Yes Standard product:	Series:	21
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 of Whitworth form ISO 228 1/8" Connection type: Female thread of Whitworth form ISO 228 1/8" Connection type: Female thread of Whitworth form ISO 228 1/8" Connection type: Female thread of Whitworth form ISO 228 1/8" Connection type: Female thread of Whitworth form ISO 228 1/8" Connection type: Female thread of Whitworth form ISO 228 1/8" Connection: Brass Material description: Brass Material description: Brass CuZn39Pb3 2.0401 (except sleeve) Seal description: Brass (maximum static working pressure with safety Brass Material description: Brass Material description: Brass Material somnection: Brass Material somnection: Brass Material valve body: Brass Material syming snap ring: Stainless steel AISI 301 Material spring snap ring: Material spring snap ring: Material spring snap ring: Material spring snap ring: Material spring spring: No Safety locking system: No Ball locking: Yes Pro lock: Ultra-FLO-valve: No Vacuum suitable: Yes Water-resistant: Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Pressure eliminator: No Presure eliminator: No Presure eliminator: Yes Standard product: Yes		- 11 - 1
Advantages: Compatibility: RECTUS 90 Working pressure: 35 bar maximum static working pressure with safety factor 4 to 1.		1
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 (FFMM) depending on the medium. Shut-Off: Quick coupling Single Shut-Off Connection: Female thread 1/8" Connection description: Female thread of Whitworth form ISO 228 1/8" Connection type: Female thread Material: Brass Material description: Brass CuZn39Pb3 2.0401 (except sleeve) Seal description: Brass CuZn39Pb3 2.0401 (except sleeve) Seal description: Brass Material connection: Brass Material connection: Brass Material valve body: Brass Material sleeve: Brass Material valve body: Brass Material sleeve: Brass Material spring snap ring: stainless steel AISI 301 Material spring snap ring: stainless steel AISI 420 Material seal: Perbunan® Weight in kg: 0.029 Self-ventling coupling: No Self-ventling coupling: No Safety locking system: No Single-hand operation: Yes Final connection: No Ball locking: Yes Prin lock: No Ultra-FLO-valve: No Vacuum suitable: Yes Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Pressure eliminator: No Presumatics: Yes Standard product: Yes Standard product: Yes	Bore area in mm ² :	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 +120/150°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 1/8" Connection description: Female pipe thread of Whitworth form ISO 228 1/8" Connection type: Female thread Material: Brass Material description: Sal description: Surface: blank finish Material valve body: Material valve body: Material valve: Brass Material valve: Brass Material valve: Brass Material palls/pins: Stainless steel AISI 301 Material palls/pins: Stainless steel AISI 420 Material seal: Perbunan® Mo Safety locking system: No Single-hand operation: No Single-hand operation: No Single-hand operation: No Ves Ves Prin lock: No Ultra-FLO-valve: Yes Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Pressure eliminator: No Presumatics: Yes Standard product: Yes	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 1/8° Connection description: Female pipe thread of Whitworth form ISO 228 1/8° Connection type: Female description: Brass Material: Brass Material description: Brass CuZn39Pb3 2.0401 (except sleeve) Seal description: Nitrite-butadiene rubber Surface: blank finish Material connection: Brass Material valve body: Brass Material sleeve: Brass Material sleeve: Brass Material sleeve: Brass Material spring snap ring: stainless steel AISI 301 Material balls/pins: Material balls/pins: Stainless steel AISI 420 Material seal: Perbunan® Weight in kg: 0,029 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: Yes Flat-sealing: No Pressure eliminator: No Pressure eliminator: No Pressure eliminator: No Presure eliminator: No Presure eliminator: No Pneumatics: Yes Standard product: Yes Standard product:	Working pressure:	
Connection: Connection description: Connection type: Female thread of Whitworth form ISO 228 1/8" 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: Stainless steel AISI 420 Material seal: Perbunan® Weight in kg: 0,029 Self-venting coupling: No Safety locking system: No Single-hand operation: Two-hand operation: No Ball locking: Yes Pin lock: No Vacuum suitable: Yes Water-resistant: Yes Flat-sealing: No Suitable breath / respiratory protection: No Presume discription in thread in the work of the presumants of the presuma	Working temperature:	(EPDM) -15°C up to +200°C (FKM) 0°C up to +316°C
Connection description: Connection type: Female thread Material: Brass Material description: Seal description: Mitrite-butadiene rubber Surface: Material connection: Brass Material connection: Brass Material valve body: Material sleeve: Brass Material valve: Brass Material sleeve: Brass Material valve: Brass Material spring snap ring: Material sleeve: Material spring snap ring: Material spring sleeve: Mo Safely locking system: No No Safely locking system: No No Wes Pres Material spring sleeve: Material sp	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: 0,029 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: Yes Standard product: Female thread Brass Brass Mitrite-butadiene rubber Stas Cu2n39Pb3 2.0401 (except sleeve) Brass Nitrite-butadiene rubber Stass Material spring Stass Material spring Stainless steel AISI 301 Stainless steel AISI 420 Material spring Stainless steel AISI 420 Material spring Stainless steel AISI 420 Material spring No Stainless steel AISI 420 Material spring No Stainless steel AISI 420 Material spring No Stainless steel AISI 301 Stainless steel AISI 420 Material spring No Stainless steel AISI 420 Material spring No Stainless steel AISI 420 Material spring No No No No No No No Pneumatics: Yes Standard product: Yes	Connection:	Female thread 1/8"
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: Mo Ball locking: Pin lock: With respiratory protection: No Vacuum suitable: Waterial yese Waterial yese No Pressure eliminator: No Pressure eliminator: No Presumatics: No Preumatics: No Preumatics: No Preumatics: No Pressure eliminator: No Pressure eliminator: No Pressure eliminator: No Pressure eliminator: Yes Standard product: Yes Standard product: Vasigne-hand poreduct: Yes Standard product: Yes Standard product: Ves Standard product: Valutri-FLO-valve (Ves) No No Pressure eliminator: No Pressure eliminator: No Presumatics: Yes Standard product: Vasigne-hand pressure eliminator: No Pressure eliminator: No Pressure eliminator: No Pressure eliminator: No Pressure eliminator: Yes Standard product: Yes Standard product: Yes	Connection description:	Female pipe thread of Whitworth form ISO 228 1/8"
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: 0,029 Self-venting coupling: No Safety locking system: No Single-hand operation: Two-hand operation: Brass Mo Sulltra-FLO-valve: Vacuum suitable: Ves Water-resistant: Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: Hydraulics: No Pneumatics: Yes Standard product: Yes Standard product:	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: Safety locking system: No Safety locking: Yes Pin lock: No Ultra-FLO-valve: Water-resistant: Flat-sealing: No Suitable breath / respiratory protection: Presumatics: No Presumatics: Yes Standard product: No Pressure eliminator: No Presumatics: Yes Standard product: Parss Brass Material valve: Brass Stainless steel AISI 301 No No No Suitable brath / respiratory protection: No Pressure eliminator: No Presumatics: Yes Standard product: Yes	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: 0,029 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: Yes Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Pneumatics: Yes Standard product: Yes Standard product: Yes	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: 0,029 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: Yes	Material connection:	Brass
Material valve: Material spring snap ring: 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: Yes Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Pneumatics: Yes Standard product: Yes	Material valve body:	Brass
Material spring snap ring: Material balls/pins: Material seal: Perbunan® Weight in kg: Self-venting coupling: No Safety locking system: No Single-hand operation: Two-hand operation: No Ball locking: Pin lock: Ultra-FLO-valve: No Vacuum suitable: Water-resistant: Flat-sealing: Suitable breath / respiratory protection: No Pressure eliminator: No No No Hydraulics: No No Stainless steel AISI 301 No No No No No No No No No N	Material sleeve:	Brass
Material balls/pins: Material seal: Perbunan® 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: Standard product: Standard product: Perbunan® No No No No No No No No Single-hand operation: 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: Perbunan® O,029 No No No No No No No No No N	Material spring snap ring:	stainless steel AISI 301
Weight in kg: 0,029 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: Yes	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: Yes	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: Yes	Weight in kg:	0,029
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: Yes	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: Yes	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: Yes	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: Yes	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: Yes	Ball locking:	Yes
Vacuum suitable: Water-resistant: Flat-sealing: Suitable breath / respiratory protection: No Pressure eliminator: Hydraulics: No Pneumatics: Yes Standard product: Yes	Pin lock:	No
Water-resistant: Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: Hydraulics: No Pneumatics: Yes Standard product: Yes	Ultra-FLO-valve:	No
Flat-sealing: Suitable breath / respiratory protection: No Pressure eliminator: No Hydraulics: No Pneumatics: Yes Standard product: Yes	Vacuum suitable:	Yes
Suitable breath / respiratory protection: Pressure eliminator: No Hydraulics: No Pneumatics: Yes Standard product: Yes	Water-resistant:	Yes
Pressure eliminator: Hydraulics: No Pneumatics: Yes Standard product: Yes	Flat-sealing:	No
Hydraulics: No Pneumatics: Yes Standard product: Yes	Suitable breath / respiratory protection:	No
Pneumatics: Yes Standard product: Yes	Pressure eliminator:	No
Standard product: Yes	Hydraulics:	No
·	Pneumatics:	Yes
Mould coupling: No	Standard product:	Yes
	Mould coupling:	No

Dimensions

Connection A:	G 1/8
D mm:	16
L mm:	36
L1 mm:	9
SW mm:	14