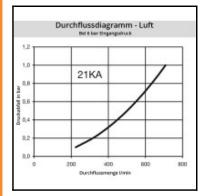
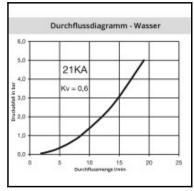


Datasheet of 21KAIW13MVX Quick coupling with female thread D U S T R I E



RECTUS L1







Description

Quick coupling single shut-off, female thread G 1/4, nominal diameter 5, <35 bar, brass, seal FKM

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 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 1/4° Connection description: Female thread 1/4° Connection type: Female thread 1/4° Connection type: Female thread of Whitworth form ISO 228 1/4° Material description: Brass Material description: Brass Material description: Brass Material valve body: Brass Material valve body: Brass Material valve body: Brass Material sleeve: Brass Material spring snap ring: stainless steel AISI 301 Material spring snap ring: Stainless steel AISI 301 Material seal: Viton® Weight in kg: 0,039 Self-venting coupling: No Safety locking system: No Safety locking system: No Ultra-FLO-valve: No Pressure eliminator: Yes Standard product: Yes		
Bore in mm: Bore area in mm?: 20 Advantages: Compatibile. 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 (FEKM) depending on the medium. Shut-Off: Quick coupling Single Shut-Off Connection: Female thread off Whitworth form ISO 228 1/4" Connection description: Female thread off Whitworth form ISO 228 1/4" Connection type: Female thread off Whitworth form ISO 228 1/4" Connection type: Female description: Brass Material: Brass Material description: Female spipe thread of Whitworth form ISO 228 1/4" Female thread Material: Brass Material description: Female thread Material description: Farss Guzna9Pb3 2.0401 (except sleeve) Farss Material valve body: Brass Material valve body: Brass Material sleeve: Brass Material balls/pins: Stainless steel AISI 301 Material balls/pins: Stainless steel AISI 420 Material seal: Viton® Self-venting coupling: No Safety locking system: No Single-hand operation: Yes Two-hand operation: No No Uitra-FLO-valve: No Vacuum suitable: Yes Water-resistant: No Pressure eliminator: No Pressure eliminator: No Pressure eliminator: No Presure description: No Presure eliminator: No Presure eliminator: No Presure eliminator: No Pressure eliminator: Yes Standard product: Yes	Series:	21
Bore area in mm²: Advantages: One-hand operation. Small dimensions. All variants are compatibile. Compatibility: RECTUS 90 Working pressure: factor 4 to 1. -20°C up to +10°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 114" 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" Ender of the service of the ser		_ · · · · ·
Advantages: Compatibility: RECTUS 90 Working pressure: ### CECTUS 90 ### Start Advantages: Compatibility: Working pressure: ### Start Advantages: ### CECTUS 90 ### Start At to 1. -2-0°C up to +100°C (NBR) -40°C up to +120/150°C (EPDM) -15°C up to +2200°C (FKM) 0°C up to +316°C (FFKM) depending on the medium. ### Shut-Off: ### Quick coupling Single Shut-Off ### Connection: ### Female thread 1/4" ### Connection description: ### Female pipe thread of Whitworth form ISO 228 1/4" ### Connection type: ### Material: ### Brass ### Material description: ### Brass CuZn39Pb3 2.0401 (except sleeve) ### Start Advantages: ### Brass ### Material valve body: ### Brass ### Material valve body: ### Brass ### Material valve body: ### Brass ### Material valve: ### Brass ### Material sleeve: ### Brass ### Material spring snap ring: ### Stainless steel AISI 301 ### Material balls/pins: ### Stainless steel AISI 420 ### Material balls/pins: ### Weight in kg: ### O,039 ### Self-venting coupling: ### No ### Safety locking system: ### No #		
Advantages: 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 (EFDM) -15°C up to +20°C (FKM) 0°C up to +316°C (FFKM) depending on the medium. Shut-Off: Quick coupling Single Shut-Off Connection: Female thread 1/4" Connection description: Female pipe thread of Whitworth form ISO 228 1/4" Material description: Brass Material description: Brass (ZUZn39Pb3 2.0401 (except sleeve) Seal description: Brass (ZuZn39Pb3 2.0401 (except sleeve) Seal description: Brass (ZuZn39Pb3 2.0401 (except sleeve) Seal description: Seal description: Seal description: Seal description: Seal descrip	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 +200°C (FKM) 0°C up to +316°C (FFKM) depending on the medium. Shut-Off: Quick coupling Single Shut-Off Connection description: Female thread 114" Connection type: Female pipe thread of Whitworth form ISO 228 1/4" Connection type: Female bread of Whitworth form ISO 228 1/4" Connection type: Female bread of Whitworth form ISO 228 1/4" Connection type: Female bread of Whitworth form ISO 228 1/4" Connection type: Brass Material description: Brass CuZn39Pb3 2.0401 (except sleeve) Seal description: Brass CuZn39Pb3 2.0401 (except sleeve) Fluororubber Surface: blank finish Material connection: Brass Material valve body: Brass Material valve body: Brass Material sleeve: Brass Material spring snap ring: Stainless steel AISI 301 Material spring snap ring: Stainless steel AISI 420 Weight in kg: O,039 Self-venting coupling: No Safety locking system: No Single-hand operation: Yes Two-hand operation: No Ball locking: No Vices Vices Vices Visinable breath / respiratory protection: No Pressure eliminator: No Pressure eliminator: No Presumatics: Yes Standard product: Ves	Advantages:	
tactor 4 to 1. -20°C up to +100°C (NBR) -40°C up to +120/150°C (PDM) -15°C up to +120/150°C (PDM) -15°C up to +200°C (FKM) 0°C up to +316°C (PFKM) depending on the medium. Shut-Off: Quick coupling Single Shut-Off Connection: Female thread 1/4" Connection description: Female pipe 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 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: 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 valve: Brass Material sleeve: Brass Material spring snap ring: stainless steel AISI 301 Material balls/pins: Stainless steel AISI 301 Material balls/pins: Stainless steel AISI 420 Material seal: Viton® Weight in kg: 0,039 Self-venting coupling: No Safety locking system: No Single-hand operation: Yes Two-hand operation: Yes Fin lock: No Ultra-FLO-valve: No Vacuum suitable: Yes Vitat-resistant: No Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: Yes Standard product: Yes	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 1/4" Connection description: Female pipe thread of Whitworth form ISO 228 1/4" Connection type: Female thread Material: Brass Material description: Brass CuZn39Pb3 2.0401 (except sleeve) Seal description: Fluororubber Surface: blank finish Material connection: Brass Material valve body: Brass Material sylve: Brass Material valve body: Brass Material spring snap ring: stainless steel AISI 301 Material spring snap ring: stainless steel AISI 420 Material spring: No Self-venting coupling: No Safety locking system: No Single-hand operation: Yes Two-hand operation: No Ball locking: Yes Water-resistant: No Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Presumatics: Yes Standard product: Yes Standard product: Yes Standard product: Yes Standard product: Yes	Working pressure:	
Connection: Female thread 1/4" Connection description: Female pipe thread of Whitworth form ISO 228 1/4" Connection type: Female pipe thread of Whitworth form ISO 228 1/4" Material: Brass Material description: Seal description: Fluororubber Surface: blank finish Material connection: Brass Material valve body: Brass Material valve: Brass Material sleeve: Brass Material spring snap ring: stainless steel AISI 301 Material spring snap ring: Stainless steel AISI 420 Weight in kg: O.039 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: No Female thread 1/4" Female thread of Whitworth form ISO 228 1/4" Female thread Brass Material seal (except sleeve) Brass Material connection: Brass Material valve: Brass Material valve: Brass Material valve: Brass Material valve: Mo No No No No Self-venting coupling: No No No No Ves Water-resistant: No Flut-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Pressure eliminator: No Pressure eliminator: No Presumatics: Yes Standard product: Yes	Working temperature:	(EPDM) -15°C up to +200°C (FKM) 0°C up to +316°C
Connection description: Connection type: Female pipe thread of Whitworth form ISO 228 1/4" Connection type: Material: Brass Material description: Seal description: Surface: Material connection: Brass Material connection: Brass Material valve body: Material spring snap ring: Material spring spring: Material spring snap ring: No Stainless steel AISI 301 Material seal: Viton® Weight in kg: 0,039 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: Wes Water-resistant: No Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Pressure eliminator: No Pneumatics: Yes Standard product: Yes	Shut-Off:	Quick coupling Single Shut-Off
Connection type: Material: Material: Brass Material description: Seal description: Fluororubber Surface: blank finish Material connection: Material valve body: Material seleve: Brass Material seleve: Brass Material seleve: Brass Material spring snap ring: Material spring snap ring: Stainless steel AISI 301 Material balls/pins: Material balls/pins: Material seal: Viton® Weight in kg: O,039 Self-venting coupling: No Single-hand operation: Two-hand operation: Two-hand operation: No Ball locking: Yes Pin lock: No Ultra-FLO-valve: Vacuum suitable: Water-resistant: No Pressure eliminator: No Pressure eliminator: No Pressure eliminator: No Pneumatics: Yes Standard product: Yes Standard product: Yes	Connection:	Female thread 1/4"
Material: Material description: Brass CuZn39Pb3 2.0401 (except sleeve) Seal description: Fluororubber Surface: blank finish Material connection: Brass Material valve body: Material sleeve: Material sleeve: Material spring snap ring: Material balls/pins: Stainless steel AISI 301 Material balls/pins: Stainless steel AISI 420 Weight in kg: Viton® Weight in kg: Safety locking system: No Safety locking system: No Safety locking: Yes Two-hand operation: Two-hand operation: No Ball locking: Yes Pin lock: No Ultra-FLO-valve: Vacuum suitable: Water-resistant: No Flat-sealing: Suitable breath / respiratory protection: No Pressure eliminator: No Pneumatics: Yes Standard product: Yes Standard product: Yes	Connection description:	Female pipe thread of Whitworth form ISO 228 1/4"
Material description: Seal description: Fluororubber Surface: blank finish Material connection: Material valve body: Material sleeve: Brass Material spring snap ring: Material spring snap ring: Material seal: Viton® Weight in kg: Self-venting coupling: No Safety locking system: No Single-hand operation: Two-hand operation: Brass No Ultra-FLO-valve: No Uutra-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: Yes	Connection type:	Female thread
Seal description: Surface: blank finish Material connection: Material valve body: Material sleeve: Material sleeve: Material spring snap ring: Material balls/pins: Material balls/pins: Material seal: Viton® Weight in kg: O,039 Self-venting coupling: No Safety locking system: No Single-hand operation: Two-hand operation: Presure slead: Vitra-FLO-valve: Water-ELO-valve: Water-esistant: Fluororubber Fluororubber Brass Brass Material valve: Brass Material seal: Viton® Witon® Weight in kg: O,039 Self-venting coupling: No Safety locking system: No Single-hand operation: Yes Two-hand operation: No Ultra-FLO-valve: No Vacuum suitable: Yes Water-resistant: Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Pressure eliminator: No Pneumatics: Yes Standard product: Yes	Material:	Brass
Surface: blank finish Material connection: Brass Material valve body: Brass Material sleeve: Brass Material valve: Brass Material spring snap ring: stainless steel AISI 301 Material balls/pins: Stainless steel AISI 420 Material seal: Viton® Weight in kg: 0,039 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: No Suitable breath / respiratory protection: No Pressure eliminator: No Pressure eliminator: Yes Standard product: Yes Standard product: Yes	Material description:	Brass CuZn39Pb3 2.0401 (except sleeve)
Material connection: Material valve body: Material sleeve: Material sleeve: Material spring snap ring: Material spring snap ring: Material spring snap ring: Material balls/pins: Material seal: Witon® Weight in kg: Safety locking system: Single-hand operation: Two-hand operation: Mo Ball locking: Yes Thock: Ultra-FLO-valve: Vacuum suitable: Water-resistant: No Suitable breath / respiratory protection: Pressure eliminator: Hydraulics: Pneumatics: Yes Standard product: Brass Brase Brass Brase Brass Brasel AISI JOI Botton®	Seal description:	Fluororubber
Material valve body: Material sleeve: Material sleeve: Material spring snap ring: Material spring snap ring: Material spring snap ring: Material balls/pins: Material seal: Viton® Weight in kg: O,039 Self-venting coupling: No Safety locking system: No Single-hand operation: Two-hand operation: No Ball locking: Pin lock: Ultra-FLO-valve: Vacuum suitable: Ves Water-resistant: No Suitable breath / respiratory protection: No Pressure eliminator: Hydraulics: Possible steel AISI 301 No Stainless steel AISI 301 No No No No No No No No No N	Surface:	blank finish
Material sleeve: Material valve: Material spring snap ring: Material spring snap ring: Material balls/pins: Stainless steel AISI 301 Material seal: Viton® Weight in kg: O,039 Self-venting coupling: No Safety locking system: No Single-hand operation: Two-hand operation: No Ball locking: Yes Pin lock: Ultra-FLO-valve: Vacuum suitable: Ves Water-resistant: No Flat-sealing: Suitable breath / respiratory protection: No Pressure eliminator: Hydraulics: No Pneumatics: Yes Standard product: Yes	Material connection:	Brass
Material valve: Material spring snap ring: Material balls/pins: Material balls/pins: Stainless steel AISI 301 Material seal: Viton® Weight in kg: O,039 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: Yes Water-resistant: 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: Stainless steel AISI 301 Material seal: Viton® Weight in kg: 0,039 Self-venting coupling: No Safety locking system: No Single-hand operation: Two-hand operation: No Ball locking: Pin lock: Ultra-FLO-valve: Vacuum suitable: Ves Water-resistant: No Suitable breath / respiratory protection: No Pressure eliminator: No Pneumatics: Standard product: Yes Standard product: Viton® No No O,039 No No No No Ves No No Ves No No No No No No No No No N	Material sleeve:	Brass
Material balls/pins: Material seal: Viton® Weight in kg: O,039 Self-venting coupling: No Safety locking system: No Single-hand operation: Two-hand operation: No Ball locking: Pin lock: Ultra-FLO-valve: Vacuum suitable: Ves Water-resistant: Flat-sealing: Suitable breath / respiratory protection: Hydraulics: Pneumatics: Stainless steel AISI 420 Viton® No No No No No No Safety locking system: No No No No No No No No No N	Material valve:	Brass
Material seal: Weight in kg: 0,039 Self-venting coupling: No Safety locking system: No Single-hand operation: Two-hand operation: No Ball locking: Pin lock: Ultra-FLO-valve: Vacuum suitable: Ves Water-resistant: No Flat-sealing: No Suitable breath / respiratory protection: Hydraulics: No Pressure eliminator: No Pneumatics: Yes Standard product: Vion® No No No No No No Suitable breath: No Pressure eliminator: No Pressur	Material spring snap ring:	stainless steel AISI 301
Weight in kg: 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: Ves Water-resistant: No Flat-sealing: Suitable breath / respiratory protection: Hydraulics: No Pressure eliminator: No Pneumatics: Yes Standard product: Vao No	Material balls/pins:	Stainless steel AISI 420
Self-venting coupling: Safety locking system: No Single-hand operation: Two-hand operation: Ball locking: Pin lock: No Ultra-FLO-valve: Vacuum suitable: Ves Water-resistant: No Flat-sealing: Suitable breath / respiratory protection: Hydraulics: No Pressure eliminator: No Pneumatics: Standard product: No	Material seal:	Viton®
Safety locking system: Single-hand operation: Two-hand operation: Ball locking: Pin lock: No Ultra-FLO-valve: Vacuum suitable: Ves Water-resistant: No Flat-sealing: Suitable breath / respiratory protection: Hydraulics: No Pneumatics: Standard product: No Yes No No No No No No Press No Press Standard product: No No No No No No No No Press Standard product: No No No No No No No Press Standard product: No No Press Standard product: No No No No Press Standard product: No Press Standard product: No No Press Standard product: No Press No Press Standard product: No Press Standard product: No Press No Press Standard product: No Press No Press Standard product: No Press Standard product: No Press Standard product: No Press Press Standard product: No Press Press Standard product: No Press Pr	Weight in kg:	0,039
Single-hand operation: Two-hand operation: Ball locking: Pin lock: No Ultra-FLO-valve: Vacuum suitable: Ves Water-resistant: No Flat-sealing: Suitable breath / respiratory protection: Hydraulics: No Pressure eliminator: No Pneumatics: Standard product: Yes Yes Yes Yes Yes	Self-venting coupling:	No
Two-hand operation: No Ball locking: Yes Pin lock: No Ultra-FLO-valve: No Vacuum suitable: Yes Water-resistant: No 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: No Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Hydraulics: No Pneumatics: Yes Standard product: Yes	Single-hand operation:	Yes
Pin lock: Ultra-FLO-valve: Vacuum suitable: Ves Water-resistant: No Flat-sealing: Suitable breath / respiratory protection: Pressure eliminator: Hydraulics: No Pneumatics: Yes Standard product: Yes	Two-hand operation:	No
Ultra-FLO-valve: No Vacuum suitable: Yes Water-resistant: No 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: No Flat-sealing: No Suitable breath / respiratory protection: Pressure eliminator: Hydraulics: No Pneumatics: Yes Standard product: Yes	Pin lock:	No
Water-resistant: No 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:	No
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:	Standard product:	Yes
priodia couping. INO	Mould coupling:	No

Dimensions

Connection A:	G 1/4
D mm:	16
L mm:	38
L1 mm:	9
SW mm:	17