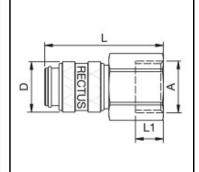
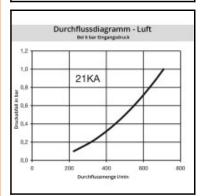
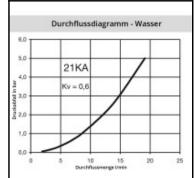
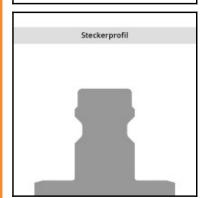
Datasheet of 21KAIW13MPX Quick coupling with female thread D U S T











Description

Quick coupling single shut-off, female thread G 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.

RIE

Details

Series long: 21KA Bore in mm: 5 Bore area in mm?: 20 Advantages: One-hand operation. Small dimensions. All variants a compatible. Compatibility: RECTUS 90 Working pressure: 35 bar maximum static working pressure with safety factor 4 to 1. Vorking temperature: (EPDM) -15°C up to +100°C (NBR) -40°C up to +120/150°C (FFKM) depending on the medium. Shut-Off: Quick coupling Single Shut-Off Connection description: Female thread 1/4° Connection description: Female thread 1/4° Connection type: Female thread Material: Brass Material connection: Brass Suface: blank finish Material connection: Brass Material sleeve: Brass Material sleeve: Brass Material valve body: Brass Material sleeve: Brass Material sleeve: Brass Material sleeve: Brass Material valve body: Brass Material sleeve: Brass Material sleeve: Brass Material sleeve:	Series:	21
Bore in mm: 5 Bore area in mm ² : 20 Advantages: One-hand operation. Small dimensions. All variants a compatible. Compatibility: RECTUS 90 Working pressure: 35 bar maximum static working pressure with safety factor 4 to 1. Vorking temperature: -20°C up to +100°C (NBR) -40°C up to +120/150°C (FFM) 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 Material: Brass Material escription: Brass Surface: blank finish Material valve body: Brass Material sleeve: Brass Material sleexe: Perbunan® Veight in kg: 0.039		
Bore area in mm*: 20 Advantages: One-hand operation. Small dimensions. All variants a compatibile. Compatibility: RECTUS 90 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 (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 Material Brass Material connection: Brass CuZn39Pb3 2.0401 (except sleeve) Surface: blank finish Material connection: Brass Material connection: Brass Material valve body: Brass Material sleeve: Brass Material alls/pins: Stainless steel AISI 301 Material slesipring snap ring: stainless steel AISI 420 Material seal: Perbunan® Weight in kg: 0,039 Self-venting coupling: No Safety locking system: </td <td></td> <td></td>		
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vorking pressure:factor 4 to 1.Working temperature:-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 (EPDM) -15°C up to +200°C (FKM) 0°C up to +316°C (EPDM) -15°C up to +200°C (FKM) 0°C up to +316°C (EPDM) -15°C up to +200°C (FKM) dependig on the medium.Shut-Off:Quick coupling Single Shut-OffConnection:Female thread 1/4"Connection description:Female thread of Whitworth form ISO 228 1/4"Connection type:Female threadMaterialBrassMaterial description:Brass CuZn39Pb3 2.0401 (except sleeve)Seal description:Nitrite-butadiene rubberSurface:blank finishMaterial connection:BrassMaterial connection:BrassMaterial valve body:BrassMaterial sleeve:BrassMaterial sleeve:BrassMaterial sleeve:BrassMaterial spring snap ring:stainless steel AISI 301Material seal:Perbunan®Weight in kg:0,039Self-venting coupling:NoSingle-hand operation:YesTwo-hand operation:No	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-OffConnection:Female thread 1/4"Connection description:Female pipe thread of Whitworth form ISO 228 1/4"Connection type:Female threadMaterial:BrassMaterial description:Brass CuZn39Pb3 2.0401 (except sleeve)Seal description:Nitrite-butadiene rubberSurface:blank finishMaterial connection:BrassMaterial sleeve:BrassMaterial sleeve:BrassMaterial sleeve:BrassMaterial spring snap ring:stainless steel AISI 301Material seal:Perbunan®Weight in kg:0,039Self-venting coupling:NoSafety locking system:NoSingle-hand operation:YesTwo-hand operation:No	Working pressure:	•
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Connection type:Female threadMaterial:BrassMaterial description:Brass CuZn39Pb3 2.0401 (except sleeve)Seal description:Nitrite-butadiene rubberSurface:blank finishMaterial connection:BrassMaterial valve body:BrassMaterial sleeve:BrassMaterial sleeve:BrassMaterial spring snap ring:stainless steel AISI 301Material seal:Perbunan®Weight in kg:0,039Self-venting coupling:NoSingle-hand operation:YesTwo-hand operation:No	Connection:	Female thread 1/4"
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 spring snap ring: stainless steel AISI 301 Material seal: Perbunan® Weight in kg: 0,039 Self-venting coupling: No Single-hand operation: Yes Two-hand operation: No	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:blank finishMaterial connection:BrassMaterial valve body:BrassMaterial sleeve:BrassMaterial sleeve:BrassMaterial spring snap ring:stainless steel AISI 301Material seal:Perbunan®Weight in kg:0,039Self-venting coupling:NoSingle-hand operation:YesTwo-hand operation:No	Connection type:	Female thread
Seal description: Nitrite-butadiene rubber 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: Perbunan® Weight in kg: 0,039 Self-venting coupling: No Single-hand operation: Yes Two-hand operation: No	Material:	Brass
Surface:blank finishMaterial connection:BrassMaterial valve body:BrassMaterial sleeve:BrassMaterial sleeve: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:NoSingle-hand operation:YesTwo-hand operation:No	Material description:	Brass CuZn39Pb3 2.0401 (except sleeve)
Material connection:BrassMaterial valve body:BrassMaterial sleeve:BrassMaterial sleeve:BrassMaterial 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:NoSingle-hand operation:YesTwo-hand operation:No	Seal description:	Nitrite-butadiene rubber
Material valve body:BrassMaterial sleeve:BrassMaterial 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:NoSingle-hand operation:YesTwo-hand operation:No	Surface:	blank finish
Material sleeve: Brass Material valve: Brass Material spring snap ring: stainless steel AISI 301 Material balls/pins: Stainless steel AISI 420 Material seal: Perbunan® Weight in kg: 0,039 Self-venting coupling: No Safety locking system: No Single-hand operation: Yes Two-hand operation: No	Material connection:	Brass
Material valve: Brass Material spring snap ring: stainless steel AISI 301 Material balls/pins: Stainless steel AISI 420 Material seal: Perbunan® Weight in kg: 0,039 Self-venting coupling: No Safety locking system: No Single-hand operation: Yes Two-hand operation: No	Material valve body:	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: No Single-hand operation: Yes Two-hand operation: No	Material sleeve:	Brass
Material balls/pins: Stainless steel AISI 420 Material seal: Perbunan® Weight in kg: 0,039 Self-venting coupling: No Safety locking system: No Single-hand operation: Yes Two-hand operation: No	Material valve:	Brass
Material seal: Perbunan® Weight in kg: 0,039 Self-venting coupling: No Safety locking system: No Single-hand operation: Yes Two-hand operation: No	Material spring snap ring:	stainless steel AISI 301
Weight in kg: 0,039 Self-venting coupling: No Safety locking system: No Single-hand operation: Yes Two-hand operation: No	Material balls/pins:	Stainless steel AISI 420
Self-venting coupling: No Safety locking system: No Single-hand operation: Yes Two-hand operation: No	Material seal:	Perbunan®
Safety locking system: No Single-hand operation: Yes Two-hand operation: No	Weight in kg:	0,039
Single-hand operation: Yes Two-hand operation: No	Self-venting coupling:	No
Two-hand operation: No	Safety locking system:	No
	Single-hand operation:	Yes
Ball locking: Yes	Two-hand operation:	No
Bail locking.	Ball locking:	Yes
Pin lock: No	Pin lock:	No
Ultra-FLO-valve: No	Ultra-FLO-valve:	No
Vacuum suitable: Yes	Vacuum suitable:	Yes
Water-resistant: Yes	Water-resistant:	Yes
Flat-sealing: No	Flat-sealing:	No
Suitable breath / respiratory protection: No	Suitable breath / respiratory protection:	No
Pressure eliminator: No	Pressure eliminator:	No
Hydraulics: No	Hydraulics:	No
Pneumatics: Yes	Pneumatics:	Yes
Standard product: Yes	Standard product:	Yes
Mould coupling: No	Mould coupling:	No

Dimensions

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