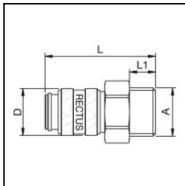
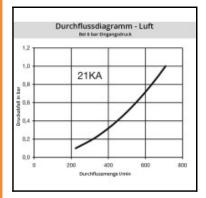
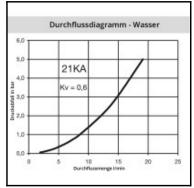


Datasheet of 21KAAW13SPN Quick coupling with male thread D U S











Description

Quick coupling single shut-off, male thread G 1/4, nominal diameter 5, <35 bar, steel nickel plated, 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 +120/150°C (FKM) 6°C up to +316°C (FKM) depending on the medium. Shut-Off: Quick coupling Single Shut-Off Connection: Male thread 1/4° Connection description: Male thread of Whitworth form ISO 228 1/4° Connection type: Male thread Material description: Steel nickel-plated Material description: Steel shuft inckel-plated Material description: Nitrite-butadiene rubber Surface: nickel plated Material valve body: Steel nickel-plated Material valve body: Steel nickel-plated Material serve: Steel nickel-plated Material spring snap ring: stainless steel AISI 301 Material spring snap ring: stainless steel AISI 420 Material ballispins: No <th></th> <th></th>		
Bore in mm: Bore area in mm?: 20 Advantages: Compatibile. 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 (FFKM) gepending on the medium. Shut-Off: Connection: Connection: Male thread 1/4" Connection description: Male pipe thread of Whitworth form ISO 228 1/4" Connection type: Male description: Steel nickel-plated Material description: Steel adscription: Steel session with plated Material seleve: Material seleve: Material sleeve: Material sleeve: Material sleeve: Material sleeve: Material sleeve: Material sleeve: Material spring snap ring: Material sels ying snap ring: Material sels ying snap ring: Material seleve: Material	Series:	21
Bore area in mm²: 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 (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: Male thread 1/4° Connection description: Male pipe thread of Whitworth form ISO 228 1/4° Connection type: Male thread Material description: Steel sockingtion: Steel inickel-plated Material connection: Material valve body: Material sornection: Steel nickel-plated Material valve body: Material spring snap ring: Material spring snap ring: Material spring snap ring: Material spring snap ring: Material seal: Perbunan® Weight in kg: 0,0343 Self-venting coupling: No Safety locking system: No Single-hand operation: No Ball locking: Yes Water-resistant: Flat-sealing: No Sutable breath / respiratory protection: No Pressure eliminator: No Pressure eliminator: No Pressure eliminator: No Presumatics: No Presumatics: No Presumatics: No Presumatics: No Standard product: No		
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.		1 ⁻
Advantages: 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 (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: Male thread 1/4" Connection description: Male pipe thread of Whitworth form ISO 228 1/4" Connection type: Male thread Material: Steel nickel-plated Material: Steel nickel-plated Material description: Steel 9SMnPb28K 1.0718 Seal description: Nitrite-butadiene rubber Surface: nickel plated Material connection: Steel nickel-plated Material valve body: Steel nickel-plated Material sleeve: Steel nickel-plated Material valve body: Steel nickel-plated Material sleeve: Steel nickel-plated Material spring snap ring: stainless steel AISI 301 Material spring snap ring: stainless steel AISI 301 Material balls/pins: Stainless steel AISI 420 Material seal: Perbunan® Weight in kg: 0.0343 Self-ventling 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 Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Pressure eliminator: No Presumatics: Ne	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 +1200°C (FKM) 0°C up to +316°C (FFKM) depending on the medium. Shut-Off: Quick coupling Single Shut-Off Connection: Male thread 1/4° Connection description: Male pipe thread of Whitworth form ISO 228 1/4° Connection type: Male thread Material: Steel nickel-plated Material description: Steel 9SMnPb28K 1.0718 Seal description: Nitrite-butadiene rubber Surface: nickel plated Material valve body: Steel nickel-plated Material valve body: Steel nickel-plated Material valve: Brass Material valve: Brass Material balls/pins: Stainless steel AISI 301 Material seal: Perbunan® No Safety locking system: No Single-hand operation: No Safety locking system: No Single-hand operation: No Ves Ves Tino-hand operation: No Ves Ves Tino-hand operation: No Surface: No Surface: No Single-hand operation: No Safety locking system: No Single-hand operation: No No Safety locking system: No Single-hand operation: No Safety locking system: No Single-hand operation: No Pressure eliminator: Yes Standard product: No Pressure eliminator: No Presumatics: No Presumatics: No Presumatics: No Presumatics: No Standard product: No	Advantages:	
working pressure. 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: Male thread 1/4" Connection description: Male thread of Whitworth form ISO 228 1/4" Male thread Material: Steel nickel-plated Material description: Nitrite-butadiene rubber Surface: nickel plated Material connection: Steel nickel-plated Material valve body: Steel nickel-plated Material valve body: Steel nickel-plated Material valve body: Steel nickel-plated Material valve: Sizel nickel-plated Material valve: Sizel nickel-plated Material sleeve: Steel nickel-plated Material sleeve: Material spring snap ring: Stainless steel AISI 301 Material balls/pins: Stainless steel AISI 420 Material seal: Perbunan® Weight in kg: 0,0343 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 Pil tokel-plated No Pressure eliminator: No Pressure eliminator: No Presumatics: No Pneumatics: Yes Standard product: No	Compatibility:	RECTUS 90
(EPDM) -15°C up to +200°C (FKM) 0°C up to +316°C (FKM) depending on the medium.	Working pressure:	
Connection: Connection description: Connection type: Male pipe thread of Whitworth form ISO 228 1/4" Connection type: Material: Steel nickel-plated Material description: Steel 9SMnPb28K 1.0718 Seal description: Nitrite-butadiene rubber Surface: nickel plated Material connection: Steel nickel-plated Material valve body: Steel nickel-plated Material valve body: Steel nickel-plated Material sleeve: Steel 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: 0,0343 Self-venting coupling: No Safety locking system: No Single-hand operation: Yes Two-hand operation: No Sall locking: Yes Pin lock: No Vacuum suitable: Yes Water-resistant: Yes Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Pressure eliminator: No Presuratics: Yes Standard product: No	Working temperature:	(EPDM) -15°C up to +200°C (FKM) 0°C up to +316°C
Connection description: Connection type: Male pipe thread of Whitworth form ISO 228 1/4" Connection type: Male thread Material: Steel nickel-plated Material description: Steel 9SMnPb28K 1.0718 Seal description: Nitrite-butadiene rubber Surface: nickel plated Material connection: Steel nickel-plated Material valve body: Material sleeve: Steel nickel-plated Steel nickel-plated Material sleeve: Steel nickel-plated Steel nickel-plated Material sleeve: Steel nickel-plated Material sleeve: Steel nickel-plated St	Shut-Off:	Quick coupling Single Shut-Off
Connection type: Material: Material: Steel nickel-plated Material description: Steel 9SMnPb28K 1.0718 Seal description: Nitrite-butadiene rubber Surface: nickel plated Material connection: Steel nickel-plated Material valve body: Material seeve: Steel nickel-plated Material seeve: Steel nickel-plated Material selve: Brass Material spring snap ring: Stainless steel AISI 301 Material balls/pins: Stainless steel AISI 420 Material seal: Perbunan® Weight in kg: 0.0343 Self-venting coupling: No Single-hand operation: Yes Two-hand operation: No Ball locking: Yes Pin lock: Ultra-FLO-valve: No Ultra-FLO-valve: No Vacuum suitable: Yes Water-resistant: Yes Flat-sealing: No Pressure eliminator: No Pressure eliminator: No Pneumatics: Yes Standard product: No	Connection:	Male thread 1/4"
Material: Steel nickel-plated Material description: Steel 9SMnPb28K 1.0718 Seal description: Nitrite-butadiene rubber Surface: nickel plated Material connection: Steel nickel-plated Material valve body: Steel nickel-plated Material sleeve: Steel nickel-plated Material spring snap ring: stainless steel AISI 301 Material balls/pins: Stainless steel AISI 420 Material seal: Perbunan® Weight in kg: 0,0343 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 Waterial sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Pressure eliminator: No Presure eliminator: No Presure eliminator: No Preumatics: Yes Standard product: No	Connection description:	Male pipe thread of Whitworth form ISO 228 1/4"
Material description: Steel 9SMnPb28K 1.0718 Seal description: Nitrite-butadiene rubber Surface: nickel plated Material connection: Steel nickel-plated Material valve body: Steel nickel-plated Material sleeve: Steel nickel-plated Material sleeve: Steel nickel-plated Material sleeve: Brass Material spring snap ring: Material sles/pins: Stainless steel AISI 301 Material balls/pins: Stainless steel AISI 420 Material seal: Perbunan® Weight in kg: 0,0343 Self-venting coupling: No Safety locking system: No Single-hand operation: Yes Two-hand operation: No Ball locking: Pin lock: No Ultra-FLO-valve: Vacuum suitable: Yes Vacuum suitable: Yes Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Pneumatics: Yes Standard product: No	Connection type:	Male thread
Seal description: Surface: nickel plated Material connection: Material valve body: Material sleeve: Material spring snap ring: Material balls/pins: Material seal: Weight in kg: Self-venting coupling: No Safety locking system: No Single-hand operation: Two-hand operation: Ball locking: Pin lock: No Ultra-FLO-valve: Water-esistant: Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Pneumatics: No Presumatics: No Pressure eliminator: No Presumatics: No Pressure eliminator: No Presumatics: Yes Standard product: No	Material:	Steel nickel-plated
Surface: Material connection: Material valve body: Material sleeve: Material sleeve: Material sleeve: 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: Mall locking: Pes Pin lock: Ultra-FLO-valve: Water-resistant: Flat-sealing: No Suitable breath / respiratory protection: Pressure eliminator: No Pneumatics: Yes Standard product: No No Steel nickel-plated No Stainless steel AISI 301 No Satishes steel AISI 301 No Suitable breath / respiratory protection: No Pressure eliminator: No No No Pressure eliminator: No No No Presumatics: No No	Material description:	Steel 9SMnPb28K 1.0718
Material connection: Material valve body: Material sleeve: Material sleeve: Material sleeve: Material spring snap ring: Material balls/pins: Material seal: Weight in kg: Safety locking system: No Safety locking system: Two-hand operation: Mall locking: Pin lock: Wita-FLO-valve: No Vacuum suitable: Water-resistant: Flat-sealing: No Suitable breath / respiratory protection: Presumatics: No Pneumatics: Yes Standard product: No Steel nickel-plated No Stainless steel AISI 301 No Suitable steel AISI 301 No Stainless steel AISI	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: Material seal: Meterial seal: Meterial seal: Meterial seal: Merbunan® Weight in kg: O,0343 Self-venting coupling: No Safety locking system: No Single-hand operation: Two-hand operation: No Ball locking: Yes Pin lock: No Ultra-FLO-valve: Vacuum suitable: Yes Water-resistant: Yes Flat-sealing: Suitable breath / respiratory protection: No Pressure eliminator: Hydraulics: No Pneumatics: Yes Standard product: No Material seleve: Standard product: Steel nickel-plated Material seleve: Steel nickel-plated Material seleval AISI 301 No Stainless steel AISI 301 No No No No No Safety locking 420 No No No No No No No No No N	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: 0,0343 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:	Steel nickel-plated
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: Pes 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 Stainless steel AISI 301 No No No No No Safety locking 420 No No No No No No No No No N	Material valve body:	Steel nickel-plated
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: Wes Water-resistant: Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No No No No Pneumatics: Yes Standard product: No Stainless steel AISI 301 Stainless steel AISI 420 Sta	Material sleeve:	Steel nickel-plated
Material balls/pins: Material seal: Perbunan® Weight in kg: 0,0343 Self-venting coupling: No Safety locking system: No Single-hand operation: Two-hand operation: No Ball locking: Pin lock: Ultra-FLO-valve: Vacuum suitable: Water-resistant: Flat-sealing: Suitable breath / respiratory protection: No Pressure eliminator: No No No No No No No No No N	Material valve:	Brass
Material seal: Weight in kg: O,0343 Self-venting coupling: No Safety locking system: No Single-hand operation: Two-hand operation: No Ball locking: Perbunan® No Single-hand operation: No Ultra-FLO-valve: Vacuum suitable: Yes Water-resistant: Flat-sealing: Suitable breath / respiratory protection: No Pressure eliminator: No Phydraulics: No Phydraulics: Standard product: No No No No No No No No No N	Material spring snap ring:	stainless steel AISI 301
Weight in kg: 0,0343 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:	0,0343
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

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