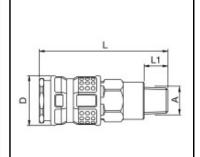
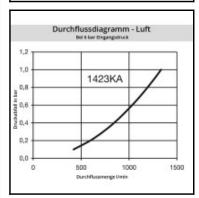
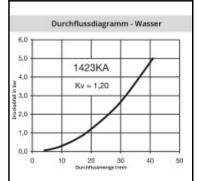
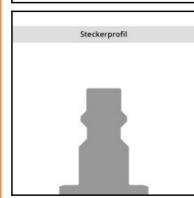
Datasheet of 1423KAAK21SPN Quick coupling with male thread D U S T R I E











Description

Quick coupling single shut-off, male thread R 1/2, nominal diameter 5,5, <35 bar, steel nickel plated, seal NBR

RectusTema premium industrial coupling 1/4 according to ISO 6150 B. Suitable for compressed air applications with greater than average air consumption. Coupling system with single-hand operation. UltraFlo valve for optimum flow and low pressure drop. Extremely robust and ergonomically shaped, 2-component plastic sleeve.

Details

Series long: 1423KA Bore in mm: 5,5 Bore area in mm?: 25 Advantages: One-hand operation. UltraFlo valve. Reduced coupling forces. Ergonomic plastic sleeve. INDUSTR. INTERCHANGE 144" US-MIL-SPEC-C-410; ISO 6150 B RECTUS 23 + 24 RECTUS 1400 TEMA 1400 PARKER 20 1/4" + 30 1/4" Working pressure: 35 bar maximum static working pressure with safety factor 4 to 1. Working temperature: -20°C up to +80°C (FKM) depending on the medium. Shut-Off. Connection description: Male thread 1/2" Connection description: Male thread 1/2" Connection description: Male thread 1/2" Connection description: Male tapered thread of Whitworth form DIN 2999 1/2" Connection description: Male tapered thread of Whitworth form DIN 2999 1/2" Connection description: Male tapered thread of Whitworth form DIN 2999 1/2" Connection stype: Male thread Material alser/plated Material second Material valve Steel SMMPD28K 1.0718 Seal description: Nitrite-butadiene rubber Surface: nickel plated Material valve body: Steel SML Plated Material valve body: Steel ASI 301 Material sels: <th>Series:</th> <th>1423</th>	Series:	1423
Bore in mm: 5.5 Bore area in mm?: 25 Advantages: One-hand operation. UltraFlo valve. Reduced coupling forces. Ergonomic plastic sleeve. Compatibility: INDUSTR. INTERCHANCE 1/4" US-MILSPEC-C-4106 ISO 6150 B RECTUS 23 + 24 RECTUS 1400 TEMA 1400 PARKER 20 1/4" + 30 1/4" Working pressure: 35 bar maximum static working pressure with safety factor 4 to 1. Working temperature: 20°C up to +80°C (KFM) depending on the medium. Shut-Off: Quick coupling Single Shut-Off Connection: Male thread 1/2" Connection tescription: Male thread 1/2" Connection type: Male thread of Whitworth form DIN 2999 1/2" Connection type: Male thread 1/2" Connection type: Male thread of Whitworth form DIN 2999 1/2" Connection: Steel nickel-plated Material description: Steel nickel-plated Surface: nickel plated Material valve body: Steel, OPA treated Material valve: Brass		
Bore area in mm ² : 25 Advantages: One-hand operation. UltraFlo valve. Reduced coupling forces. Ergonomic plastic sleeve. Compatibility: INDUSTR. INTERCHANGE 1/4" US-MIL-SPEC-C-4106 ISO 6150 B ReCTUS 23 + 24 ReCTUS 1400 TEMA 1400 PARKER 20 14" + 30 1/4" Working pressure: 35 bar maximum static working pressure with safety factor 4 to 1. Working temperature: -20"C up to +80°C (NBR) -20°C up to +80°C (EPDM) -20°C up to +80°C (FKM) depending on the medium. Shut-Off: Quick coupling Single Shut-Off Connection: Male thread 1/2" Connection: Male thread 1/2" Connection: Male thread 1/2" Connection: Steel nickel-plated Material: Steel oSMnPb28K 1.0718 Seal description: Nitrite-butadiene rubber Surface: nickel plated Material sleeve: PA6 + TPE Material sleeve: PA6 + TPE Material sleeve: PA6 + TPE Material sleeve: No Stalless steel AISI 301 Material sleeve: Material sleing coupling: No Safety locking system: No Single-hand operation: No Single-hand operation: No		
Advantages: One-hand operation. UltraFlo valve. Reduced coupling forces. Ergonomic plastic sleeve. Advantages: INDUSTR. INTERCHANGE 1/4" US-MIL-SPEC-C-4105 ISO 6150 B RECTUS 23 + 24 RECTUS 1400 TEMA 1400 PARKER 20 1/4" + 30 1/4" Working pressure: 35 bar maximum static working pressure with safety factor 4 to 1. Working temperature: -20°C up to +80°C (NBR) -20°C up to +80°C (EPDM) -20°C up to +80°C (FKM) depending on the medium. Shut-Off: Quick coupling Single Shut-Off Connection description: Male thread 1/2" Connection type: Male thread Material description: Steel 9SMnPb28K 1.0718 Seal description: Steel 9SMnPb28K 1.0718 Surface: nickel plated Material connection: Brass nickel plated Material spring snap ring: Stainless steel AISI 301 Material spring snap ring: Stainless steel AISI 301 Material spring snap ring: No Safety locking system: No Safety locking system: No Safety locking system: No Suitable Free Seas Yes Yes Yes Material spring snap ring: Stainless steel AISI 301 </td <td></td> <td></td>		
Auvaluages. forces. Ergonomic plastic sleeve. Compatibility: INDUSTR. INTERCHANGE 11/4" US-MIL-SPEC-C-4106 Compatibility: ISO 6150 B RECTUS 23 + 24 RECTUS 1400 TEMA 1400 PARKER 20 11/4" + 30 11/4" Sb for maximum static working pressure with safety grading pressure: 20°C up to +80°C (FKM) depending on the medium. Working temperature: 20°C up to +80°C (FKM) depending on the medium. Shut-Off: Quick coupling Single Shut-Off Connection: Male thread 1/2" Connection description: Male thread Material Steel nickel-plated Material description: Steel sommore and of Whitworth form DIN 2999 1/2" Connection: Male thread Material description: Nitrite-butadiene rubber Surface: nickel plated Material valve body: Steel, QPQ treated Material seve: PA6 + TPE Material seve: PA6 + TPE Material spring snap ring: Stainless steel AISI 301 Material selis/pins: Stainless steel AISI 420 Material seal: Perbunan® Weight in kg: 0.098 <td></td> <td></td>		
Compatibility: ISO 6150 B RECTUS 23 + 24 RECTUS 1400 TEMA 1400 PARKER 20 1/4" + 30 1/4" Working pressure: 35 bar maximum static working pressure with safety factor 4 to 1. Working temperature: -20°C up to +80°C (NBR) -20°C up to +80°C (EPDM) -20°C up to +80°C (KM) depending on the medium. Shut-Off: Quick coupling Single Shut-Off Connection: Male thread 1/2" Connection description: Male thread 12" Connection type: Male thread Material: Steel nickel-plated Material: Steel nickel-plated Material description: Nitrite-butadiene rubber Surface: nickel plated Material selexce: PA6 + TPE Material sleeve: PA6 + TPE Material spring snap ring: stainless steel AISI 301 Material sel: Perbunan® Weight in kg: 0.098 Safety locking system: No Safety locking system: No Pin lock: Yes Vater-resistant: No File-sealing: No Safety locking system: No Safety locking system: No Pin lock: <t< td=""><td>Advantages:</td><td>forces. Ergonomic plastic sleeve.</td></t<>	Advantages:	forces. Ergonomic plastic sleeve.
working pressure: factor 4 to 1. Working temperature: -20°C up to +80°C (NBR) -20°C up to +80°C (EPDM) -20°C up to +80°C (NBR) -20°C up to +80°C (EPDM) -20°C up to +80°C (NBR) -20°C up to +80°C (EPDM) Shut-Off: Quick coupling Single Shut-Off Connection description: Male thread 1/2" Connection description: Male thread Material Steel nickel-plated Material description: Steel oikkel-plated Material description: Nitrite-butadiene rubber Suface: nickel plated Material allosciption: Steel 0,QPQ treated Material valve body: Steel (QPQ treated Material spring snap ring: stainless steel AISI 301 Material balls/pins: Stainless steel AISI 420 Material balls/pins: No Self-venting coupling: No Single-hand operation: Yes Two-hand operation: Yes Pin lock: Yes Verse Yes Vacuum suitable: Yes Verse Yes Suitable breath / respiratory protection: No Suitable breath / respiratory protection:	Compatibility:	ISO 6150 B RECTUS 23 + 24 RECTUS 1400 TEMA
working temperature:-20°C up to +80°C (FKM) depending on the medium.Shut-Off:Quick coupling Single Shut-OffConnection:Male thread 1/2"Connection description:Male thread of Whitworth form DIN 2999 1/2"Connection type:Male threadMaterial:Steel nickel-platedMaterial description:Nitrite-butadiene rubberSurface:nickel platedMaterial valve body:Steel, QPQ treatedMaterial valve body:Steel, QPQ treatedMaterial valve:BrassMaterial spring:stainless steel AISI 301Material spring:Stainless steel AISI 420Material seal:Perbunan®Weight in kg:0,098Safety locking system:NoSafety locking system:NoSall locking:YesPin lock:YesVacuum suitable:YesWater-resistant:NoSuitable breath / respiratory protection:NoSuitable breath / respiratory protection:NoPressure eliminator:NoPressure eliminator:No <td>Working pressure:</td> <td>factor 4 to 1.</td>	Working pressure:	factor 4 to 1.
Connection: Male thread 1/2" Connection description: Male thread thread of Whitworth form DIN 2999 1/2" Connection type: Male thread Material: Steel nickel-plated Material description: Steel 9SMnPb28K 1.0718 Seal description: Nitrite-butadiene rubber Surface: nickel plated Material connection: Brass nickel plated Material valve body: Steel, QPQ treated Material seleve: PA6 + TPE Material spring snap ring: stainless steel AISI 301 Material balls/pins: Stainless steel AISI 420 Material seal: Perbunan® Weight in kg: 0,098 Seff-venting coupling: No Single-hand operation: Yes Two-hand operation: No Ball locking: Yes Vacuum suitable: Yes Vacuum suitable: Yes Vacuum suitable: Yes Vacuum suitable: No Suitable breath / respiratory protection: No Pressure eliminator: No Pressure eliminator: No	Working temperature:	
Connection description: Male tapered thread of Whitworth form DIN 2999 1/2" Connection type: Male thread Material: Steel nickel-plated Material description: Nitrite-butadiene rubber Surface: nickel plated Material valve body: Brass nickel plated Material seleve: PA6 + TPE Material seleve: PA6 + TPE Material balls/pins: Stainless steel AISI 301 Material balls/pins: Stainless steel AISI 420 Material seal: Perbunan® Weight in kg: 0,098 Self-venting coupling: No Single-hand operation: Yes Two-hand operation: Yes Vacuum suitable: Yes Vacuum suitable: Yes Vacuum suitable: Yes Vacuum suitable: No Suitable breath / respiratory protection: No Presume eliminator:	Shut-Off:	Quick coupling Single Shut-Off
Connection type: Male thread Material: Steel nickel-plated Material description: Nitrite-butadiene rubber Seal description: Nitrite-butadiene rubber Surface: nickel plated Material connection: Brass nickel plated Material valve body: Steel, QPQ treated Material sleeve: PA6 + TPE Material sleve: Brass Material sleve: Prebunan® Weight in kg: 0,098 Self-venting coupling: No Single-hand operation: Yes Two-hand operation: No Ball locking: Yes Vacuum suitable: Yes Vacuum suitable: Yes Waterie: No Suitable breath / respiratory protection: No Suitable breath / respiratory protection: No Presume eliminator: No Presume eliminator: No Presume eliminator: </td <td>Connection:</td> <td>Male thread 1/2"</td>	Connection:	Male thread 1/2"
Material: Steel nickel-plated Material description: Steel 9SMnPb28K 1.0718 Seal description: Nitrite-butadiene rubber Surface: nickel plated Material connection: Brass nickel plated Material valve body: Steel, QPQ treated Material sleeve: PA6 + TPE Material spring snap ring: stainless steel AISI 301 Material spring snap ring: Stainless steel AISI 420 Material seal: Perbunan® Weight in kg: 0,098 Safety locking system: No Single-hand operation: Yes Two-hand operation: Yes Pin lock: Yes Vacuum suitable: Yes Water-resistant: No Suitable breath / respiratory protection: No Suitable breath / respiratory protection: No Pressure eliminator: No Suitable breath / respiratory protection: No Suitable breath / respiratory protection: No Pressure eliminator: No Pressure eliminator: No Presure eliminator: No	Connection description:	Male tapered thread of Whitworth form DIN 2999 1/2"
Material description: Steel 9SMnPb28K 1.0718 Seal description: Nitrite-butadiene rubber Surface: nickel plated Material connection: Brass nickel plated Material valve body: Steel, QPQ treated Material seleve: PA6 + TPE Material seleve: PA6 + TPE Material valve: Brass Material seleve: PA6 + TPE Material seleve: Stainless steel AISI 301 Material balls/pins: Stainless steel AISI 420 Material seal: Perbunan® Weight in kg: 0,098 Self-venting coupling: No Safety locking system: No Single-hand operation: Yes Two-hand operation: Yes Pin lock: Yes Ultra-FLO-valve: Yes Vacuum suitable: Yes Water-resistant: No Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Hydraulics: No Preumatics: Yes	Connection type:	Male thread
Seal description:Nitrite-butadiene rubberSurface:nickel platedMaterial connection:Brass nickel platedMaterial valve body:Steel, QPQ treatedMaterial sleeve:PA6 + TPEMaterial sleeve:PA6 + TPEMaterial valve:BrassMaterial spring snap ring:stainless steel AISI 301Material balls/pins:Stainless steel AISI 420Material seal:Perbunan®Weight in kg:0,098Self-venting coupling:NoSafety locking system:NoSingle-hand operation:YesTwo-hand operation:YesPin lock:YesUltra-FLO-valve:YesVacuum suitable:YesWater-resistant:NoSuitable breath / respiratory protection:NoPressure eliminator:NoPressure eliminator:YesStandard product:No	Material:	Steel nickel-plated
Surface:nickel platedMaterial connection:Brass nickel platedMaterial valve body:Steel, QPQ treatedMaterial sleeve:PA6 + TPEMaterial sleeve:PA6 + TPEMaterial valve:BrassMaterial spring snap ring:stainless steel AISI 301Material balls/pins:Stainless steel AISI 420Material seal:Perbunan®Weight in kg:0,098Self-venting coupling:NoSafety locking system:NoSingle-hand operation:YesTwo-hand operation:YesPin lock:YesUltra-FLO-valve:YesVacuum suitable:YesWater-resistant:NoFlat-sealing:NoSuitable breath / respiratory protection:NoPressure eliminator:NoPressure eliminator:NoPressure eliminator:NoPressure eliminator:NoPressure stant:NoPressure eliminator:NoPressure eliminator:No <td>Material description:</td> <td>Steel 9SMnPb28K 1.0718</td>	Material description:	Steel 9SMnPb28K 1.0718
Material connection: Brass nickel plated Material valve body: Steel, QPQ treated Material sleeve: PA6 + TPE Material spring snap ring: stainless steel AISI 301 Material balls/pins: Stainless steel AISI 420 Material seal: Perbunan® Weight in kg: 0,098 Self-venting coupling: No Safety locking system: No Single-hand operation: Yes Two-hand operation: Yes Pin lock: Yes Ultra-FLO-valve: Yes Vacuum suitable: Yes Vacuum suitable: No Suitable breath / respiratory protection: No Suitable breath / respiratory protection: No Pressure eliminator: No Preumatics: Yes	Seal description:	Nitrite-butadiene rubber
Material valve body:Steel, QPQ treatedMaterial sleeve:PA6 + TPEMaterial sleeve:BrassMaterial spring snap ring:stainless steel AISI 301Material balls/pins:Stainless steel AISI 420Material seal:Perbunan®Weight in kg:0,098Self-venting coupling:NoSafety locking system:NoSingle-hand operation:YesTwo-hand operation:YesPin lock:YesUltra-FLO-valve:YesVacuum suitable:YesWater-resistant:NoSuitable breath / respiratory protection:NoSuitable breath / respiratory protection:NoPressure eliminator:NoPressure eliminator:	Surface:	nickel plated
Material sleeve:PA6 + TPEMaterial valve:BrassMaterial spring snap ring:stainless steel AISI 301Material salis/pins:Stainless steel AISI 420Material seal:Perbunan®Weight in kg:0,098Self-venting coupling:NoSafety locking system:NoSingle-hand operation:YesTwo-hand operation:YesPin lock:YesUltra-FLO-valve:YesVacuum suitable:YesWater-resistant:NoSuitable breath / respiratory protection:NoSuitable breath / respiratory protection:NoPressure eliminator:NoPressure eliminator:No<	Material connection:	Brass nickel plated
Material valve:BrassMaterial spring snap ring:stainless steel AISI 301Material balls/pins:Stainless steel AISI 420Material seal:Perbunan®Weight in kg:0,098Self-venting coupling:NoSafety locking system:NoSingle-hand operation:YesTwo-hand operation:YesPin lock:YesUltra-FLO-valve:YesVacuum suitable:YesWater-resistant:NoSuitable breath / respiratory protection:NoSuitable breath / respiratory protection:NoPressure eliminator:NoHydraulics:YesStandard product:No	Material valve body:	Steel, QPQ treated
Material spring snap ring:stainless steel AISI 301Material balls/pins:Stainless steel AISI 420Material seal:Perbunan®Weight in kg:0,098Self-venting coupling:NoSafety locking system:NoSingle-hand operation:YesTwo-hand operation:YesPin lock:YesUltra-FLO-valve:YesVacuum suitable:YesVater-resistant:NoFlat-sealing:NoSuitable breath / respiratory protection:NoPressure eliminator:NoHydraulics:YesStandard product:No	Material sleeve:	PA6 + TPE
Material balls/pins:Stainless steel AISI 420Material seal:Perbunan®Weight in kg:0,098Self-venting coupling:NoSafety locking system:NoSafety locking system:NoSingle-hand operation:YesTwo-hand operation:YesTwo-hand operation:YesPin lock:YesUltra-FLO-valve:YesVacuum suitable:YesWater-resistant:NoFlat-sealing:NoSuitable breath / respiratory protection:NoPressure eliminator:NoHydraulics:YesStandard product:No	Material valve:	Brass
Material seal:Perbunan®Weight in kg:0,098Self-venting coupling:NoSafety locking system:NoSingle-hand operation:YesTwo-hand operation:NoBall locking:YesPin lock:YesUltra-FLO-valve:YesVacuum suitable:YesWater-resistant:NoFlat-sealing:NoSuitable breath / respiratory protection:NoPressure eliminator:NoHydraulics:YesStandard product:Yes	Material spring snap ring:	stainless steel AISI 301
Weight in kg:0,098Self-venting coupling:NoSafety locking system:NoSingle-hand operation:YesTwo-hand operation:NoBall locking:YesPin lock:YesUltra-FLO-valve:YesVacuum suitable:YesWater-resistant:NoFlat-sealing:NoSuitable breath / respiratory protection:NoPressure eliminator:NoHydraulics:YesStandard 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: Yes Ultra-FLO-valve: Yes Vacuum suitable: Yes Water-resistant: No Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Hydraulics: No Pneumatics: Yes Standard product: No	Material seal:	Perbunan®
Safety locking system:NoSingle-hand operation:YesTwo-hand operation:NoBall locking:YesPin lock:YesUltra-FLO-valve:YesVacuum suitable:YesWater-resistant:NoFlat-sealing:NoSuitable breath / respiratory protection:NoPressure eliminator:NoHydraulics:NoPneumatics:YesStandard product:No	Weight in kg:	0,098
Single-hand operation:YesTwo-hand operation:NoBall locking:YesPin lock:YesUltra-FLO-valve:YesVacuum suitable:YesWater-resistant:NoFlat-sealing:NoSuitable breath / respiratory protection:NoPressure eliminator:NoHydraulics:NoPneumatics:YesStandard product:No	Self-venting coupling:	No
Two-hand operation:NoBall locking:YesPin lock:YesUltra-FLO-valve:YesVacuum suitable:YesWater-resistant:NoFlat-sealing:NoSuitable breath / respiratory protection:NoPressure eliminator:NoHydraulics:NoPneumatics:YesStandard product:No	Safety locking system:	No
Ball locking: Yes Pin lock: Yes Ultra-FLO-valve: Yes Vacuum suitable: Yes Water-resistant: No Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Hydraulics: No Pneumatics: Yes Standard product: No	Single-hand operation:	Yes
Pin lock: Yes Ultra-FLO-valve: Yes Vacuum suitable: Yes Water-resistant: No 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: Yes Vacum suitable: Yes Water-resistant: No 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: No Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Hydraulics: No Pneumatics: Yes Standard product: No	Pin lock:	Yes
Water-resistant: No Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Hydraulics: No Pneumatics: Yes Standard product: No	Ultra-FLO-valve:	Yes
Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Hydraulics: No Pneumatics: Yes Standard product: No	Vacuum suitable:	Yes
Suitable breath / respiratory protection: No Pressure eliminator: No Hydraulics: No Pneumatics: Yes Standard product: No	Water-resistant:	No
Pressure eliminator: No Hydraulics: No Pneumatics: Yes Standard product: No	Flat-sealing:	No
Pressure eliminator: No Hydraulics: No Pneumatics: Yes Standard product: No	Suitable breath / respiratory protection:	No
Pneumatics: Yes Standard product: No		No
Standard product: No	Hydraulics:	No
	Pneumatics:	Yes
Mould coupling: No	Standard product:	No
	Mould coupling:	No

Dimensions

Connection A:	R 1/2
D mm:	26
L mm:	59,5
L1 mm:	17
SW mm:	22