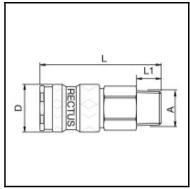
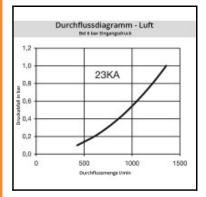
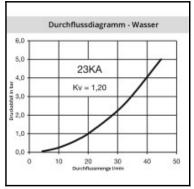


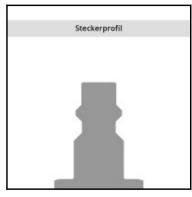
## Datasheet of 23KAAN21MPN Quick coupling with male thread DUS











## Description

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

1/4 industrial coupling according to ISO 6150 B and US MIL-SPEC 4109. Especially suitable for use with gaseous media in industry. Coupling system with single-hand operation. UltraFlo valve for optimum flow and low pressure drop. Steel sleeve counters oscillating forces. The high insertion depth is guaranteed by an optimised plug guide.

## **Details**

Series long:   23KA	Series:	23
Bore in mm: Bore area in mm?: 25 Gore area in mm?: 25 Advantages:  Cone-hand operation. The high insertion depth is guaranteed by an optimised plug guide. UltraFlo valve.  INDUSTR: INTERCHANCE 1/4" US-MIL-SPEC-C-4108 ISO 6165 RECTUS 24, RECTUS 1400/1423 TEMA 1400 PARKER 20 1/4" + 30 1/4"  Working pressure:  So fiso RECTUS 24, RECTUS 1400/1423 TEMA 1400 PARKER 20 1/4" + 30 1/4"  Working temperature:  Working temperature:  (EPDM) -15" Cup to +100"C (NBR) -40"C up to +120/150"C (EPDM) -15" Cup to +200"C (FKM) depending on the medium.  Shut-Off:  Quick coupling Single Shut-Off Connection:  Male Intered APT 1/2"  Connection description:  Male NPT thread ANSI B 1.20.1 1/2"  Connection type:  Material description:  Brass nickel plated  Material description:  Nitrite-butadiene rubber  Inckel plated  Material valve body:  Material sleeve:  Material sleeve:  Steel hardened and nickel plated  Material sleeve:  Material balls/pins:  Stainless steel AISI 420  Material seal:  Perbunan®  Weight in kg:  Oil 175  Self-venting coupling:  No  Safety locking system:  No  Single-hand operation:  No  No  No  No  No  No  No  No  No  N	*** **	
Bore area in mm².   25		
Advantages:  One-hand operation. The high insertion depth is guaranteed by an optimised plug guide. UltraFlo valve.  INDUSTR. INTERCHANGE 1/4" US-MIL. SPEC-C-4109 ISO 6150 RECTUS 24, RECTUS 1400/1423 TEMA 1400 PARKER 20 1/4" + 30 1/4" and 1400 PARKER 20 1/4" and 1400		
Advantages:    guaranteed by an optimised plug guide. UltraFlo valve. INDUSTR. INTERCHANGE 114" US-MIL-SPEC-C-410 S 150 6150 RECTUS 24, RECTUS 1400/1423 TEMA 1400 PARKER 20 114" + 30 114"     Working pressure:	Bore area in min .	
Compatibility:  ISO 6150 RECTUS 24, RECTUS 1400/1423 TEMA 1400 PARKER 20 1/4" + 30 1/4"  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) depending on the medium.  Shut-Off:  Quick coupling Single Shut-Off  Connection:  Male thread NPT 1/2"  Connection description:  Male NPT thread ANSI B 1.20.1 1/2"  Connection type:  Male thread  Material:  Brass nickel plated  Material description:  Surface:  nickel plated  Material connection:  Material valve body:  Material seeve:  Steel hardened and nickel plated  Material valve body:  Material spring snap ring:  Material spring snap ring:  Material spring snap ring:  Material seal:  Perbunan®  Weight in kg:  O,1175  Safety locking system:  No  Single-hand operation:  No  Single-hand operation:  No  Sultable breath / respiratory protection:  No  Sultable breath / respiratory protection:  No  Sultable breath / respiratory protection:  No  Pressure eliminator:  No  Presumatics:  Yes  Standard product:  No	Advantages:	guaranteed by an optimised plug guide. UltraFlo valve.
working pressure: factor 4 to 1.  -20°C up to +100°C (NBR) -40°C up to +120/150°C (FPDM) -15°C up to +200°C (FKM) depending on the medium.  Shut-Off: Quick coupling Single Shut-Off Connection: Male thread NPT 1/2° Connection description: Male NPT thread ANSI B 1.20.1 1/2° Connection type: Male thread Material: Brass nickel plated Material description: Nitrite-butadiene rubber Surface: nickel plated Material connection: Brass nickel plated Material valve body: Brass nickel plated Material valve body: Brass nickel plated Material valve: Steel hardened and nickel plated Material valve: Steel hardened and nickel plated Material sleeve: Steel hardened and nickel plated Material spring snap ring: Stainless steel AISI 301 Material balls/pins: Stainless steel AISI 420 Material seal: Perbunan® Weight in kg: 0,1175 Self-venting coupling: No Safety locking system: No Safety locking system: No Ball locking: Yes Pin lock: No Ultra-FLO-valve: No Vacuum suitable: Yes Pin lock: No Pressure eliminator: No Pressure eliminator: No Pressure eliminator: No Presumatics: No No No Presumatics: No No Presumatics: No No No Presumatics: No No	Compatibility:	ISO 6150 RECTUS 24, RECTUS 1400/1423 TEMA
Working temperature:  (EPDM) -15°C up to +200°C (FKM) depending on the medium.  Shut-Off:  Quick coupling Single Shut-Off  Connection:  Male thread NPT 1/2"  Connection description:  Male NPT thread ANSI B 1.20.1 1/2"  Connection type:  Male thread  Material:  Brass nickel plated  Material description:  Nitrite-butacliene rubber  Surface:  nickel plated  Material connection:  Brass nickel plated  Material valve body:  Brass nickel plated  Material valve body:  Steel hardened and nickel plated  Material sleeve:  Steel hardened and nickel plated  Material sleeve:  Steel hardened and nickel plated  Material sleying snap ring:  stainless steel AISI 301  Material balls/pins:  Stainless steel AISI 420  Material seal:  Perbunan®  Weight in kg:  0,1175  Safety locking system:  No  Safety locking system:  No  Single-hand operation:  Yes  Two-hand operation:  Yes  Pin lock:  No  Vacuum suitable:  Yes  Water-resistant:  No  Flat-sealing:  No  Suitable breath / respiratory protection:  No  Presume eliminator:  No  Presume alice:  Yes  Standard product:  No  Pneumatics:  Yes  Standard product:  No	Working pressure:	
Connection: Male thread NPT 1/2"  Connection description: Male NPT thread ANSI B 1.20.1 1/2"  Connection type: Male thread Material: Brass nickel plated Material description: Nitrite-butadiene rubber Surface: nickel plated Material connection: Brass nickel plated Material valve body: Brass nickel plated Material valve body: Brass nickel plated Material seeve: Steel hardened and nickel plated Material seleve: Steel hardened and nickel plated Material spring snap ring: stainless steel AISI 301 Material balls/pins: Stainless steel AISI 301 Material balls/pins: No Stainless steel AISI 420 Material balls/pins: No Safety locking system: No Safety locking system: No Safety locking: Yes Pin lock: No Ultra-FLO-valve: No Vacuum suitable: Yes Water-resistant: No Flat-sealing: No Pressure eliminator: No Pressure eliminator: No Presure eliminator: Yes Standard product: No	Working temperature:	(EPDM) -15°C up to +200°C (FKM) depending on the
Connection description:  Connection type:  Male thread  Material:  Brass nickel plated  Material description:  Seal description:  Surface:  Material connection:  Brass cuzn39Pb3 2.0401 (except sleeve)  Seal description:  Nitrite-butadiene rubber  Surface:  Material connection:  Brass nickel plated  Material valve body:  Brass nickel plated  Material valve body:  Brass nickel plated  Material sleeve:  Steel hardened and nickel plated  Material spring snap ring:  Material spring snap ring:  Stainless steel AISI 301  Material balls/pins:  Stainless steel AISI 420  Material seal:  Perbunan®  Weight in kg:  0,1175  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  Pressure eliminator:  No  Pressure eliminator:  No  Presumatics:  Yes  Standard product:  No	Shut-Off:	Quick coupling Single Shut-Off
Connection type:  Material:  Brass nickel plated  Material description:  Seal description:  Nitrite-butadiene rubber  Surface:  nickel plated  Material connection:  Brass nickel plated  Material connection:  Material valve body:  Material valve body:  Material sleewe:  Steel hardened and nickel plated  Material spring snap ring:  Material spring snap ring:  Material balls/pins:  Material balls/pins:  Material balls/pins:  Material seal:  Perbunan®  Weight in kg:  O,1175  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:  Flat-sealing:  No  Pressure eliminator:  No  Pressure eliminator:  No  Pneumatics:  Yes  Standard product:  No  No  No  No  No  No  Presumatics:  Yes  Standard product:  No	Connection:	Male thread NPT 1/2"
Material:  Brass nickel plated  Material description:  Brass CuZn39Pb3 2.0401 (except sleeve)  Seal description:  Nitrite-butadiene rubber  nickel plated  Material connection:  Brass nickel plated  Material valve body:  Material sleeve:  Steel hardened and nickel plated  Material spring snap ring:  Material spring snap ring:  Material balls/pins:  Stainless steel AISI 301  Material seal:  Perbunan®  Weight in kg:  0,1175  Self-venting coupling:  No  Safety locking system:  No  Single-hand operation:  Two-hand operation:  Two-hand operation:  No  Ball locking:  Yes  Pin lock:  No  Ultra-FLO-valve:  No  Vacuum suitable:  Yes  Water-resistant:  No  Pressure ellminator:  No  Pressure ellminator:  No  Pneumatics:  Yes  Standard product:  No	Connection description:	Male NPT thread ANSI B 1.20.1 1/2"
Material description: Seal description: Nitrite-butadiene rubber Surface: nickel plated Material connection: Brass nickel plated Material valve body: Brass nickel plated Material seeve: Steel hardened and nickel plated Material spring snap ring: Material spring snap ring: Material balls/pins: Stainless steel AISI 301 Material seal: Perbunan® Weight in kg: 0,1175 Seff-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: No Suitable breath / respiratory protection: No Pressure eliminator: No Pneumatics: Yes Standard product: No Presumatics: Yes Standard product: No	Connection type:	Male thread
Seal description:  Surface:  Nitrite-butadiene rubber  Surface:  Nickel plated  Material connection:  Material valve body:  Material sleeve:  Steel hardened and nickel plated  Material spring snap ring:  Material balls/pins:  Stainless steel AISI 301  Material seal:  Weight in kg:  O,1175  Self-venting coupling:  No  Safety locking system:  No  Single-hand operation:  Two-hand operation:  Mo  Ball locking:  Yes  Pin lock:  No  Vacuum suitable:  Yes  Water-resistant:  Flat-sealing:  No  Suitable breath / respiratory protection:  No  Pressure eliminator:  No  Pneumatics:  Yes  Standard product:  No  No  Pressure eliminator:  No  Presumatics:  Yes  Standard product:  No  Pressure eliminator:  No  Presumatics:  Yes  Standard product:  No  Pressure eliminator:  No  Presumatics:  Yes  Standard product:  No	Material:	Brass nickel plated
Surface:  Material connection:  Material valve body:  Material sleeve:  Material spring snap ring:  Material spring snap ring:  Material balls/pins:  Material balls/pins:  Material seal:  Perbunan®  Weight in kg:  O,1175  Self-venting coupling:  No  Safety locking system:  No  Single-hand operation:  Yes  Two-hand operation:  No  Ball locking:  Pin lock:  Ultra-FLO-valve:  Vacuum suitable:  Water-resistant:  No  Suitable breath / respiratory protection:  No  Pressure eliminator:  No  Pneumatics:  Yes  Standard product:  No  No  Steel hardened and nickel plated  Brass nickel plated  Braslineau nickel plated  Brass nickel plated  Brass nickel plated	Material description:	Brass CuZn39Pb3 2.0401 (except sleeve)
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:  No  Safety locking system:  No  Single-hand operation:  Two-hand operation:  Mo  Ball locking:  Pin lock:  No  Ultra-FLO-valve:  Water-resistant:  No  Suitable breath / respiratory protection:  Pressure eliminator:  No  Pneumatics:  Yes  Standard product:  No  Brass nickel plated  Steel hardened and nickel plated  Brass nickel pl	Seal description:	Nitrite-butadiene rubber
Material valve body:  Material sleeve:  Material sleeve:  Material sleeve:  Material spring snap ring:  Material balls/pins:  Moderial seal:  Perbunan®  Weight in kg:  0,1175  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  Flat-sealing:  No  Suitable breath / respiratory protection:  No  Pressure eliminator:  No  Pneumatics:  Yes  Standard product:  No  Italed  Standard product:  Steel hardened and nickel plated  Material seled  No  Stainless steel AISI 301  No  No  No  No  Stainless steel AISI 420  No  No  No  No  Satinless steel AISI 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 spring snap ring:  Material spring snap ring:  Material seal:  Meight in kg:  Self-venting coupling:  No  Safety locking system:  No  Single-hand operation:  Two-hand operation:  Mo  Ball locking:  Perbunan®  No  Ultra-FLO-valve:  No  Vacuum suitable:  Water-resistant:  No  Suitable breath / respiratory protection:  No  Pressure eliminator:  No  Pneumatics:  Yes  Standard product:  No  Stainless steel AISI 301  Material sale  Stainless steel AISI 420  Mo  No  No  No  No  No  Self-venting coupling:  No  No  No  No  Suitable breath / respiratory protection:  No  Pressure eliminator:  No  Pressure eliminator:  No  Presumatics:  Yes  Standard product:  No	Material connection:	Brass nickel plated
Material valve:         Zinc diecasting nickel plated           Material spring snap ring:         stainless steel AISI 301           Material balls/pins:         Stainless steel AISI 420           Material seal:         Perbunan®           Weight in kg:         0,1175           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           Flat-sealing:         No           Suitable breath / respiratory protection:         No           Pressure eliminator:         No           Hydraulics:         No           Pneumatics:         Yes           Standard product:         No	Material valve body:	Brass nickel plated
Material spring snap ring:  Material balls/pins:  Stainless steel AISI 301  Material balls/pins:  Stainless steel AISI 420  Material seal:  Perbunan®  Weight in kg:  0,1175  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:  No  Flat-sealing:  Suitable breath / respiratory protection:  No  Pressure eliminator:  No  Phydraulics:  No  Pneumatics:  Yes  Standard product:  No	Material sleeve:	Steel hardened and nickel plated
Material balls/pins:  Material seal:  Perbunan®  Weight in kg:  O,1175  Self-venting coupling:  No  Safety locking system:  No  Single-hand operation:  Two-hand operation:  Pes  Pin lock:  Ultra-FLO-valve:  Vacuum suitable:  Water-resistant:  No  Suitable breath / respiratory protection:  No  Pressure eliminator:  No  Pneumatics:  Stainless steel AISI 420  Perbunan®  No,1175  Stainless steel AISI 420  No  No  No  No  No  Safety locking:  No  No  No  No  No  No  No  No  No  N	Material valve:	Zinc diecasting nickel plated
Material seal:         Perbunan®           Weight in kg:         0,1175           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           Flat-sealing:         No           Suitable breath / respiratory protection:         No           Pressure eliminator:         No           Hydraulics:         No           Pneumatics:         Yes           Standard product:         No	Material spring snap ring:	stainless steel AISI 301
Weight in kg:         0,1175           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           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:         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:         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           Flat-sealing:         No           Suitable breath / respiratory protection:         No           Pressure eliminator:         No           Hydraulics:         No           Pneumatics:         Yes           Standard product:         No	Weight in kg:	0,1175
Single-hand operation:         Yes           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:         No	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:         No	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:         No	Single-hand operation:	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:         No	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:         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:	No
Water-resistant:  Flat-sealing:  No Suitable breath / respiratory protection:  No Pressure eliminator:  No 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:  No Pressure eliminator:  No Hydraulics:  No Pneumatics:  Yes Standard product:  No	Water-resistant:	No
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
Pneumatics: Yes Standard product: No	Hydraulics:	No
		Yes
·	Standard product:	No
	Mould coupling:	No

## **Dimensions**