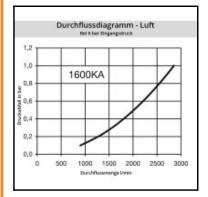
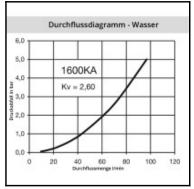


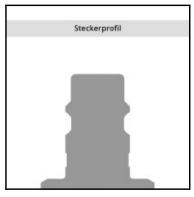
Datasheet of 1600KAAK13SPN Quick coupling with male thread DUSTRIE



D V V







Description

Quick coupling single shut-off, male thread R 1/4, nominal diameter 7,8, <35 bar, steel nickel plated, seal NBR

Rectus Tema premium industrial coupling 3/8 with European standard profile. 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.

Details

Series Ing: 1600KA	Carias	1600
Bore in mm:	Series:	1600
Bore area in mm²: 48 Advantages: One-hand operation. UltraFlo valve. Reduced coupling forces. Compatibility: RECTUS 25 + 26 RECTUS 1625 TEMA 1600 Working pressure: 35 bar maximum static working pressure with safety factor 4 to 1. 4 - 20°C up to +100°C (NBR) -40°C up to +120°C (EPDM) +15°C up to +200°C (FKM) of 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 1/4" Connection type: Male thread Material description: Steel nickel-plated Material description: Steel symhrb28K 1.0718 Seal description: Nitrite-butadiene rubber Surface: nickel plated Material connection: Brass nickel plated Material valve body: Steel, QPQ treated Material spring snap ring: stainless steel AISI 301 Material spring snap ring: stainless steel AISI 301 Material spring snap ring: stainless steel AISI 420 Material spring spring: No Material operation: No Self-venting coupling: No		1000121
Advantages: Compatibility: RECTUS 25 + 26 RECTUS 1625 TEMA 1600 Working pressure: 35 bar maximum static working pressure with safety factor 4 to 1.		· ·
Advantages: forces. Competibility: RECTUS 25 + 26 RECTUS 1625 TEMA 1600 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°C (EPDM) -15°C up to +200°C (FRM) 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 DIN 2999 1/4" Male thread 1/4" Connection type: Male thread of Whitworth form DIN 2999 1/4" Material: Steel nickel-plated Material: Steel nickel-plated Material description: Steel 9SMnPb28K 1.0718 Seal description: Nitrite-butadiene rubber Surface: nickel plated Material connection: Brass nickel plated Material seleve: Brass nickel plated Material valve body: Steel, QPQ treated Material valve body: Steel, QPQ treated Material seleve: Brass nickel plated Material pring snap ring: stainless steel AISI 301 Material spring snap ring: stainless steel AISI 420 Material seal: Perbunan® Weight in kg: 0,1047 Self-venting coupling: No Single-hand operation: No Single-hand operation: No Single-hand operation: No Ball locking: Yes Pres Unitar-FLO-valve: Yes Vacuum suitable: Yes Vacuum suitable: Yes Vacuum suitable: Yes Vatuable breath / respiratory protection: No Pressure eliminator: No Presume eliminator: No Presumedics: Yes Standard product: Yes	Bore area in mm ² :	1 -
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°C (EPDM) -15°C up to +120°C (FKM) object to +120°C (FKM) object to +120°C (FKM) object to +120°C (FKM) object to +1316°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 DIN 2999 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, QPQ treated Material sleeve: Brass nickel plated Material sleeve: Brass nickel plated Material sleeve: Brass sickel plated Material sleeve: Brass setel AISI 301 Material slesitying snap ring: stainless steel AISI 420 Material seal: Perbunan® Weight in kg: Q,1047 Self-venting coupling: No Safety locking system: No Single-hand operation: No Single-hand operation: No Single-hand operation: No Single-hand operation: No No Single-hand operation: No Pressure eliminator: No Pressure eliminator: No Pressure eliminator: No Presumatics: No Pneumatics: Yes Standard product: Yes Standard product: Yes Standard product: Yes	Advantages:	
Working pressure: factor 4 to 1. -20°C up to +100°C (NBR) -40°C up to +120°C (EPDM) Working temperature: -20°C up to +100°C (NBR) -40°C up to +120°C (EPDM) depending on the medium. Shut-Off: Quick coupling Single Shut-Off Connection: Male thread 1/4" Connection description: Male thread of Whitworth form DIN 2999 1/4" Material: Steel nickel-plated Material: Steel spSmnPb28K 1.0718 Seal description: Nitrite-butadiene rubber surface: nickel plated Material valve body: Material valve body: Material valve: Brass nickel plated Material valve: Brass nickel plated Material sleeve: Material spring snap ring: Material balls/pins: Stainless steel AISI 301 Material balls/pins: Stainless steel AISI 420 Material seal: Perbunan® Perbunan® Safety locking system: No Safety locking system: No Ball locking: Yes Pin lock: No Ultra-FLO-valve: Yes Vacuum suitable: Water-resistant: No Presure eliminator: Yes Standard product: Yes Standard product: Yes	Compatibility:	RECTUS 25 + 26 RECTUS 1625 TEMA 1600
Working temperature: -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 tapered thread of Whitworth form DIN 2999 1/4" Male tapered thread of Whitworth form DIN 2999 1/4" Male tapered thread of Whitworth form DIN 2999 1/4" Male tapered thread of Whitworth form DIN 2999 1/4" Male tapered thread of Whitworth form DIN 2999 1/4" Male tapered thread of Whitworth form DIN 2999 1/4" Material: Steel nickel-plated Material description: Strass of laber of the steel of th	Working pressure:	
Connection: Connection description: Connection type: Male thread Material: Steel nickel-plated Material: Steel SMnPb28K 1.0718 Seal description: Niritre-butadiene rubber Surface: nickel plated Material connection: Brass nickel plated Material valve body: Steel, QPQ treated Material sleeve: Brass nickel plated Material sleeve: Brass sleel AISI 301 Material spring snap ring: stainless steel AISI 301 Material balls/pins: Material balls/pins: Stainless steel AISI 420 Material seal: Perbunan® Weight in kg: 0,1047 Self-venting coupling: No Safety locking system: No Single-hand operation: Yes Two-hand operation: No Ball locking: Yes Pin lock: Ves Water-resistant: No Flat-sealing: No Suitable breath / respiratory protection: No Presumatics: No Pneumatics: Yes Standard product: Yes	Working temperature:	-15°C up to +200°C (FKM) 0°C up to +316°C (FFKM)
Connection description: Connection type: Male thread Material: Steel nickel-plated Material description: Steel 9SMnPb28K 1.0718 Seal description: Nitrite-butadiene rubber Surface: Material connection: Brass nickel plated Material valve body: Material sleeve: Brass nickel plated Material sleeve: Brass nickel plated Material sleeve: Brass nickel plated Material valve body: Steel, QPQ treated Material sleeve: Brass nickel plated Material valve: Brass Material spring snap ring: Stainless steel AISI 301 Material seal: Perbunan® Weight in kg: 0,1047 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: Yes Vacuum suitable: Wes Water-resistant: No Flat-sealing: No Pressure eliminator: No Pressure eliminator: No Presure eliminator: No Presumatics: Yes Standard product: Yes Standard product: Yes	Shut-Off:	Quick coupling Single Shut-Off
Connection type: 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: Brass nickel plated Material valve: Brass nickel plated Material sleeve: Brass nickel plated Material seal: Material spring: Stainless steel AISI 301 Material balls/pins: Stainless steel AISI 420 Material seal: Perbunan® Weight in kg: 0,1047 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: Yes Vacuum suitable: Yes Water-resistant: No Flat-sealing: No Pressure eliminator: No Pressure eliminator: No Presumatics: Yes Standard product: Yes Standard product: Yes	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: Brass nickel plated Material valve body: Steel, QPQ treated Material sleeve: Brass nickel plated Material spring snap ring: stainless steel AISI 301 Material balls/pins: Stainless steel AISI 420 Material seal: Perbunan® Weight in kg: 0,1047 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: Yes Water-resistant: No Pressure eliminator: No Pressure eliminator: No Pressure eliminator: No Pressure eliminator: No Presure eliminator: No Presure eliminator: Yes Standard product: Yes Standard product: Yes	Connection description:	Male tapered thread of Whitworth form DIN 2999 1/4"
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: Brass nickel plated Material sleeve: Brass sleevel AISI 301 Material sleeve: Material seal: Perbunan® Weight in kg: 0,1047 Self-venting coupling: No Safety locking system: No Single-hand operation: Yes Two-hand operation: Yes Two-hand operation: No Ball locking: Yes Pin lock: No Ultra-FLO-valve: Yes Vacuum suitable: Yes Vacuum suitable: Yes Vacuum suitable: No Suitable breath / respiratory protection: No Pressure eliminator: No Pressure eliminator: No Pneumatics: Yes Standard product:	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: Seff-venting coupling: No Safety locking system: No Single-hand operation: Two-hand operation: Mo Ball locking: Pin lock: Vacuum suitable: Vacuum suitable: Vacuum suitable: Veressure eliminator: No Pressure eliminator: No Pneumatics: No Pneumatics: No Presumatics: Yes Standard product: No Pressure eliminator: No Presumatics: Yes Standard product: Ne Presumatics: No Pressure eliminator: No Presumatics: Yes Standard product: Ne Presumatics: No Presumatics: No Presumatics: Yes Standard product: No Presumatics: No Presumatics: Yes Standard product: No Presumatics: No Presumatics: No Presumatics: Yes Standard product: No Presumatics: No Presumatics: No Presumatics: No Presumatics: Yes Standard product: No Presumatics: Yes Standard product: No Presumatics: No Presumatics: Yes Standard product: No Presumatics: No Presumatics: No Presumatics: No Presumatics: No Presumatics: Yes Standard product: No Presumatics: No Presumatics: No Presumatics: Yes Standard product: No Presumatics: No Presumatics: Yes Standard product: No Presumatics: No Presumatics: Yes Standard product: Presumatics: No Presumatics: No Presumatics: No Presumatics: No Presumatics: Yes Standard product: Presumatics: No Presumatics: Presumatics: No Presumatics: Presumatics:	Material:	Steel nickel-plated
Surface: Material connection: Material valve body: Material sleeve: Material sle	Material description:	Steel 9SMnPb28K 1.0718
Material connection: Material valve body: Material valve body: Material sleeve: Material sleeve: Material sleeve: Material spring snap ring: Material balls/pins: Material balls/pins: Material seal: Meterial seal: Mo Safety locking system: No Single-hand operation: Mo Ball locking: Mo Mo Ultra-FLO-valve: Ves Vacuum suitable: Water-resistant: No Suitable breath / respiratory protection: No Pressure eliminator: No Pneumatics: No Pneumatics: Yes Standard product: Paras nickel plated Brass nickel plated Bras nickel plated Brass Brase Brass Brass Brass Brass Brass Brass Brass Brass Brass	Seal description:	Nitrite-butadiene rubber
Material valve body: Material sleeve: Material sleeve: Material spring snap ring: Material balls/pins: Modelial seal: Perbunan® Weight in kg: 0,1047 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: Yes Vacuum suitable: Yes Water-resistant: No Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Pneumatics: Yes Standard product: Yes	Surface:	nickel plated
Material sleeve: Material valve: Material spring snap ring: Material spring snap ring: Material balls/pins: Material balls/pins: Material seal: Perbunan® Weight in kg: O,1047 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: Yes Water-resistant: No Flat-sealing: Suitable breath / respiratory protection: No Pressure eliminator: No Pneumatics: Yes Standard product: Parsas nickel plated Brass Brass nickel plated Brass Stainless steel AISI 301 Stainless steel AISI 420 No No No No Selital valve Ves No No No No No No No Pressure eliminator: No Pneumatics: Yes Standard product: Yes	Material connection:	Brass nickel plated
Material valve: Material spring snap ring: Material balls/pins: Material seal: Weight in kg: Self-venting coupling: Single-hand operation: Two-hand operation: Mo Ball locking: Pin lock: Ultra-FLO-valve: Vacuum suitable: Water-resistant: No Suitable breath / respiratory protection: No Pressure eliminator: No Material valve: Brass Stainless steel AISI 301 Stainless steel AISI 420 Mo O,1047 Stainless steel AISI 420 No No Suitable breath / respiratory protection: No Pressure eliminator: No Pneumatics: Yes Standard product: Perbunan® No Stainless steel AISI 301 No No No No Suitable breath / respiratory protection: No Pressure eliminator: No Pressure eliminator: No Pressure yes Standard product: Yes	Material valve body:	Steel, QPQ treated
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: Pin lock: Ves Vacuum suitable: Water-resistant: No Suitable breath / respiratory protection: Pressure eliminator: No No Stainless steel AISI 301 No Presburan® No No No No No No No Pressure eliminator: No Presure eliminator: No Presure eliminator: No Presure eliminator: No Presure standard product: Yes	Material sleeve:	Brass nickel plated
Material balls/pins: Stainless steel AISI 420 Material seal: Perbunan® Weight in kg: 0,1047 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: Yes Vacuum suitable: Yes Water-resistant: No Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Hydraulics: No Pneumatics: Yes Standard product: Yes	Material valve:	Brass
Material seal: Weight in kg: Self-venting coupling: No Safety locking system: No Single-hand operation: Two-hand operation: Pin lock: Ultra-FLO-valve: Vacuum suitable: Water-resistant: No Flat-sealing: Suitable breath / respiratory protection: No Hydraulics: No Pressure eliminator: No Pneumatics: Standard product: Pin lock: No O,1047 No No No No No No No No No No	Material spring snap ring:	stainless steel AISI 301
Weight in kg: 0,1047 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: Yes Vacuum suitable: Yes Water-resistant: No Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Hydraulics: No Pneumatics: Yes Standard product: Yes	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: Yes Vacuum suitable: Yes Water-resistant: No Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Hydraulics: No Pneumatics: Yes Standard product: Yes	Material seal:	Perbunan®
Safety locking system: No Single-hand operation: Yes Two-hand operation: No Ball locking: Yes Pin lock: No 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: Yes	Weight in kg:	0,1047
Single-hand operation: Yes Two-hand operation: No Ball locking: Yes Pin lock: No 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: Yes	Self-venting coupling:	No
Two-hand operation: No Ball locking: Yes Pin lock: No 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: Yes	Safety locking system:	No
Ball locking: Yes Pin lock: No 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: Yes	Single-hand operation:	Yes
Pin lock: No 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: Yes	Two-hand operation:	No
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: Yes	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: Yes	Pin lock:	No
Water-resistant: No Flat-sealing: Suitable breath / respiratory protection: No Pressure eliminator: Hydraulics: No Pneumatics: Yes Standard product: Yes	Ultra-FLO-valve:	Yes
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
Suitable breath / respiratory protection: Pressure eliminator: No Hydraulics: No Pneumatics: Yes Standard product: Yes	Flat-sealing:	No
Pressure eliminator: Hydraulics: No Pneumatics: Yes Standard product: Yes	Suitable breath / respiratory protection:	No
Pneumatics: Yes Standard product: Yes		No
Standard product: Yes	Hydraulics:	No
	Pneumatics:	Yes
Mould coupling: No	Standard product:	Yes
	Mould coupling:	No

Dimensions

Connection A:	R 1/4
D mm:	23
L mm:	65
L1 mm:	12
SW mm:	19