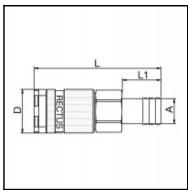
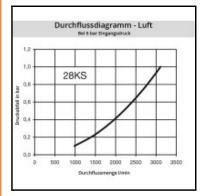
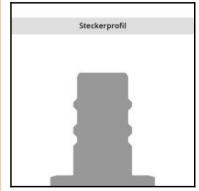


Datasheet of 28KSTF13SPN Quick coupling with hose barb | N D U S









Description

Quick coupling safety single shut-off, hose barb 13mm (1/2), nominal diameter 10,5, <35 bar, steel nickel plated, seal NBR

The robust safety coupling is the largest version of the coupling series with safety locking. Coupling system with single-hand operation. UltraFlo valve for optimum flow and low pressure drop. Additional safety locking system. This safety lock prevents unintentional disconnection. To disconnect, the plug must first be pushed further into the coupling before it can be unlocked. Double profiled plug design against wear of material during operation.

Details

Series long: Bore in mm: Bore area in mm²: Advantages: Additional safety locking system. Working pressure: ### Additional safety locking system. ### Advantages: ### Additional safety locking system. ### Additional	Series:	28
Bore in mm:		
Bore area in mm²: Advantages: Additional safety locking system. 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 Safety (single shut-off) Connection: Hose barb 13mm LW(1/2") Connection description: Hose barb 13mm LW(1/2") Connection description: Hose barb 13mm LW(1/2") Connection description: Steel nickel-plated Material: Steel nickel-plated Material description: Steel 9SMnPb28K 1.0718 Seal description: Nitirite-butadiene rubber Surface: nickel plated Material connection: Brass nickel plated Material selvev: Steel hardened and nickel plated Material selvev: Steel hardened and nickel plated Material spring snap ring: stainless steel AISI 301 Material spring snap ring: Stainless steel AISI 301 Material seal: Perbunan® Weight in kg: O,17 Self-venting coupling: No Self-venting coupling: No Self-venting coupling: No Self-venting operation: No Two-hand operation: No Two-hand operation: No Ultra-FLO-valve: No Ultra-FLO-valve: No Suitable breath / respiratory protection: Yes Water-resistant: No Flesum suitable: Yes Standard product: No		
Advantages: Working pressure: ### Additional safety locking system. ### Additional safety loc		·
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 Safety (single shut-off) Connection: Hose barb 13mm LW(1/2") Connection description: Hose barb 13mm LW(1/2") Connection type: Hose barb 13mm LW(1/2") Material: Steel nickel-plated Material description: Steel SSMnPb28K 1.0718 Seal description: Nitrite-butadiene rubber nickel plated Material connection: Brass nickel plated Material valve body: Material seeve: Steel nickel-plated Material valve ladded Material spring snap ring: Stainless steel AISI 301 Material balls/pins: Stainless steel AISI 420 Material balls/pins: Stainless steel AISI 420 Material seal: Perbunan® Weight in kg: 0,17 Seff-venting coupling: No Safety locking system: Yes Single-hand operation: No Two-hand operation: No Two-hand operation: No Two-hand operation: No Vacuum suitable: Water-resistant: No Pressure eliminator: No Pressure eliminator: No Pressure eliminator: No Pressure eliminator: No Presumatics: Yes Standard product: No		
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) depending on the medium. Shut-Off: Quick coupling Safety (single shut-off) Connection: Hose barb 13mm LW(1/2") Connection description: Hose barb 13mm LW(1/2") Connection type: Hose barb 13mm LW(1/2") Connection type: Hose barb 13mm LW(1/2") Material: Steel nickel-plated Material description: Steel 9SMnPb28K 1.0718 Seal description: Mitrite-butadiene rubber Surface: nickel plated Material connection: Brass nickel plated Material valve body: Steel nickel-plated Material valve body: Steel hardened and nickel plated Material sleeve: Brass Material sleeve: Steel hardened and nickel plated Material balls/pins: Stainless steel AISI 301 Material balls/pins: Stainless steel AISI 420 Material seal: Perbunan® Weight in kg: 0,17 Self-venting coupling: No Safety locking system: Yes Single-hand operation: No Two-hand operation: No No Vacuum suitable: Yes Pin lock: No Ultra-FLO-valve: No Vacuum suitable: Yes Pressure eliminator: No Flat-sealing: No Pressure eliminator: No Presumatics: Yes Standard product: No	Advantages:	, , ,
Working temperature: (EPDM) -15°C up to +200°C (FKM) depending on the medium. Shut-Off: Quick coupling Safety (single shut-off) Connection: Hose barb 13mm LW(1/2") Connection description: Hose barb 13mm LW(1/2") Connection type: Hose barb 13mm LW(1/2") Connection type: Hose barb 43mm LW(1/2") Steel pickel-plated Material description: Steel plated Material connection: Brass nickel plated Material sleeve: Steel hardened and nickel plated Material sleeve: Steel hardened and 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 balls/pins: Stainless steel AISI 420 Material balls/pins: Stainless steel AISI 420 Material balls/pins: No Safety locking system: Perbunan® Weight in kg: 0,17 Self-venting coupling: No Safety locking system: Yes Single-hand operation: No Two-hand operation: No Two-hand operation: Yes Ball locking: Yes Pin lock: No Ultra-FLO-valve: Yes Water-resistant: No Flat-sealing: No Suitable breath / respiratory protection: Yes Pressure eliminator: No Presumatics: Yes Standard product: No	Working pressure:	
Connection: Hose barb 13mm LW(1/2") Connection description: Hose barb 13mm LW(1/2") Connection type: Hose barb Material: Steel nickel-plated Material description: Nitrite-butadiene rubber Surface: nickel plated Material connection: Brass nickel plated Material valve body: Steel nickel-plated Material valve body: Steel nickel-plated Material sleeve: 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: 0,17 Self-venting coupling: No Safety locking system: Yes Single-hand operation: No Two-hand operation: Yes Ball locking: Yes Pin lock: No Vaccuum suitable: Yes Water-resistant: No Flat-sealing: No Suitable breath / respiratory protection: Yes Pressure eliminator: No Pneumatics: Yes Standard product: No	Working temperature:	(EPDM) -15°C up to +200°C (FKM) depending on the
Connection description: Connection type: Hose barb Material: Steel nickel-plated Material description: Steel 9SMnPb28k 1.0718 Seal description: Nitrite-butadiene rubber Nitrite-butadiene rubber Nitrite-butadiene rubber Nickel plated Material connection: Brass nickel plated Material valve body: Steel nickel-plated Material sleeve: Steel hardened and nickel plated Material sleeve: Steel hardened and nickel plated Material spring snap ring: Stainless steel AISI 301 Material spring snap ring: Stainless steel AISI 420 Material seal: Perbunan® Weight in kg: 0,17 Self-venting coupling: No Safety locking system: Yes Single-hand operation: No Two-hand operation: Yes Ball locking: Yes Pin lock: No Ultra-FLO-valve: No Vacuum suitable: Yes Water-resistant: No Flat-sealing: No Pressure eliminator: No Presumatics: No Pneumatics: Yes Standard product: No	Shut-Off:	Quick coupling Safety (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 seleve: Material seleve: Steel nickel-plated Material valve body: Material seleve: Steel hardened and nickel plated Material seleve: Brass Material syring snap ring: Material spring snap ring: Material balls/pins: Material balls/pins: Stainless steel AISI 301 Material seal: Perbunan® Weight in kg: 0,17 Self-venting coupling: No Safety locking system: Yes Single-hand operation: No Two-hand operation: No Two-hand operation: Yes Ball locking: Yes Pin lock: No Ultra-FLO-valve: No Vacuum suitable: Yes Water-resistant: No Flat-sealing: Suitable breath / respiratory protection: Yes Pressure eliminator: No Pressure eliminator: No Pneumatics: Yes Standard product: No	Connection:	Hose barb 13mm LW(1/2")
Material: Material description: Steel 9SMnPb28K 1.0718 Seal description: Nitrite-butadiene rubber Surface: nickel plated Material connection: Brass nickel plated Material valve body: Material sleeve: Material sleeve: Material spring snap ring: Material balls/pins: Stainless steel AISI 301 Material seal: Perbunan® Weight in kg: O,17 Self-venting coupling: No Safety locking system: Single-hand operation: Two-hand operation: Two-hand operation: Pes Pin lock: No Ultra-FLO-valve: Water-esistant: No Flat-sealing: No Pressure eliminator: No Pressure eliminator: No Pneumatics: No Pneumatics: Yes Standard product: No No No No No No No No No N	Connection description:	Hose barb 13mm LW(1/2")
Material description: Seal description: Nitrite-butadiene rubber Surface: nickel plated Material connection: Brass nickel plated Material valve body: Steel nickel-plated Material sleeve: Steel hickel-plated Material spring snap ring: Material spring snap ring: Material spring snap ring: Stainless steel AISI 301 Material balls/pins: Stainless steel AISI 301 Material seal: Perbunan® Weight in kg: 0,17 Self-venting coupling: No Safety locking system: Yes Single-hand operation: No Two-hand operation: Yes Ball locking: Yes Pin lock: No Ultra-FLO-valve: Vacuum suitable: Wese-resistant: No Suitable breath / respiratory protection: Yes Pressure eliminator: No Pneumatics: Yes Standard product: No	Connection type:	Hose barb
Material description: Seal description: Nitrite-butadiene rubber Surface: nickel plated Material connection: Brass nickel plated Material valve body: Steel nickel-plated Material sleeve: Steel hickel-plated Material spring snap ring: Material spring snap ring: Material spring snap ring: Stainless steel AISI 301 Material balls/pins: Stainless steel AISI 301 Material seal: Perbunan® Weight in kg: 0,17 Self-venting coupling: No Safety locking system: Yes Single-hand operation: No Two-hand operation: Yes Ball locking: Yes Pin lock: No Ultra-FLO-valve: Vacuum suitable: Wese-resistant: No Suitable breath / respiratory protection: Yes Pressure eliminator: No Pneumatics: Yes Standard product: No	Material:	Steel 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: Meight in kg: Meight in kg: Mo: Safety locking system: Yes Single-hand operation: Two-hand operation: Yes Ball locking: Yes Wildra-FLO-valve: No Ultra-FLO-valve: Water-resistant: No Flat-sealing: No Suitable breath / respiratory protection: Pressure eliminator: No Pneumatics: Yes Standard product: No Steel nickel plated Brass Steel AISI 301 No Stainless steel AISI 301 No No Satinless steel AISI 301 No No Stainless steel AISI 301 No No No No Satinless steel AISI 301 No No No No No No No No No N	Material description:	
Material connection: Material valve body: Material sleeve: Material sleeve: Material spring snap ring: Material balls/pins: Material seal: Weight in kg: Self-venting coupling: Single-hand operation: Woo yas ball locking: Yes Ball locking: Yes Pin lock: Wita-FLO-valve: Water-resistant: No Suitable breath / respiratory protection: Pressure eliminator: No No No Material seal: Perbunan® No No Mo Mo Mo Mo Mo Mo Mo Mo	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: Meight in kg: Safety locking system: Single-hand operation: Two-hand operation: Pes Ball locking: Pin lock: No Ultra-FLO-valve: Water-resistant: No Suitable breath / respiratory protection: Pressure eliminator: No Pneumatics: Yes Standard product: No Steel nickel-plated Steel hardened and nickel plated Brass Steel AISI 301 Material sale: Perbunan® No 1,17 Self-verbunan® No 1,17 No	Surface:	nickel plated
Material sleeve: Material valve: Brass Material spring snap ring: Material balls/pins: Material balls/pins: Material seal: Perbunan® Weight in kg: O,17 Self-venting coupling: No Safety locking system: Yes Single-hand operation: Two-hand operation: Yes Ball locking: Yes Pin lock: No Ultra-FLO-valve: Vacuum suitable: Water-resistant: No Suitable breath / respiratory protection: Pressure eliminator: No No No No Pneumatics: Yes Standard product: No No Stainless steel AISI 301 No No Parbunan® No No No No No No No No No N	Material connection:	Brass nickel plated
Material sleeve: Material valve: Brass Material spring snap ring: Material balls/pins: Material balls/pins: Material seal: Perbunan® Weight in kg: O,17 Self-venting coupling: No Safety locking system: Yes Single-hand operation: Two-hand operation: Yes Ball locking: Yes Pin lock: No Ultra-FLO-valve: Vacuum suitable: Water-resistant: No Suitable breath / respiratory protection: Pressure eliminator: No No No No Pneumatics: Yes Standard product: No No Stainless steel AISI 301 No No Parbunan® No No No No No No No No No N	Material valve body:	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: 0,17 Self-venting coupling: No Safety locking system: Yes Single-hand operation: No Two-hand operation: Yes Ball locking: Yes Pin lock: No Ultra-FLO-valve: No Vacuum suitable: Yes Water-resistant: No Suitable breath / respiratory protection: Yes Pressure eliminator: No Pneumatics: Yes Standard product: No	Material sleeve:	Steel hardened and nickel plated
Material balls/pins: Stainless steel AISI 420 Material seal: Perbunan® Weight in kg: 0,17 Self-venting coupling: No Safety locking system: Yes Single-hand operation: No Two-hand operation: Yes Ball locking: Yes Pin lock: No Ultra-FLO-valve: No Vacuum suitable: Yes Water-resistant: No Flat-sealing: No Suitable breath / respiratory protection: Yes Pressure eliminator: No Hydraulics: No Pneumatics: Yes Standard product: No	Material valve:	Brass
Material balls/pins: Stainless steel AISI 420 Material seal: Perbunan® Weight in kg: 0,17 Self-venting coupling: No Safety locking system: Yes Single-hand operation: No Two-hand operation: Yes Ball locking: Yes Pin lock: No Ultra-FLO-valve: No Vacuum suitable: Yes Water-resistant: No Flat-sealing: No Suitable breath / respiratory protection: Yes Pressure eliminator: No Hydraulics: No Pneumatics: Yes Standard product: No	Material spring snap ring:	stainless steel AISI 301
Weight in kg: Self-venting coupling: No Safety locking system: Single-hand operation: Two-hand operation: Ball locking: Yes Pin lock: No Ultra-FLO-valve: Vacuum suitable: Yes Water-resistant: No Flat-sealing: No Suitable breath / respiratory protection: Hydraulics: No Pneumatics: Yes O,17 No No Yes Safety locking: No No Ves No No No No No No No No No N		Stainless steel AISI 420
Self-venting coupling: Safety locking system: Single-hand operation: Two-hand operation: Ball locking: Pin lock: Ultra-FLO-valve: Vacuum suitable: Ves Water-resistant: No Flat-sealing: Suitable breath / respiratory protection: Pressure eliminator: Hydraulics: No Pneumatics: Standard product: No Yes Yes No No No No No No No No No N	Material seal:	Perbunan®
Safety locking system: Yes Single-hand operation: No Two-hand operation: Yes Ball locking: Yes Pin lock: No Ultra-FLO-valve: No Vacuum suitable: Yes Water-resistant: No Flat-sealing: No Suitable breath / respiratory protection: Yes Pressure eliminator: No Hydraulics: No Pneumatics: Yes Standard product: No	Weight in kg:	0,17
Single-hand operation: No Two-hand operation: Yes Ball locking: Yes Pin lock: No Ultra-FLO-valve: No Vacuum suitable: Yes Water-resistant: No Flat-sealing: No Suitable breath / respiratory protection: Yes Pressure eliminator: No Hydraulics: No Pneumatics: Yes Standard product: No	Self-venting coupling:	No
Two-hand operation: Yes Ball locking: Yes Pin lock: No Ultra-FLO-valve: No Vacuum suitable: Yes Water-resistant: No Flat-sealing: No Suitable breath / respiratory protection: Yes Pressure eliminator: No Hydraulics: No Pneumatics: Yes Standard product: No	Safety locking system:	Yes
Ball locking: Yes Pin lock: No Ultra-FLO-valve: No Vacuum suitable: Yes Water-resistant: No Flat-sealing: No Suitable breath / respiratory protection: Yes Pressure eliminator: No Hydraulics: No Pneumatics: Yes Standard product: No	Single-hand operation:	No
Pin lock: No Ultra-FLO-valve: No Vacuum suitable: Yes Water-resistant: No Flat-sealing: No Suitable breath / respiratory protection: Yes Pressure eliminator: No Hydraulics: No Pneumatics: Yes Standard product: No	Two-hand operation:	Yes
Ultra-FLO-valve: No Vacuum suitable: Yes Water-resistant: No Flat-sealing: No Suitable breath / respiratory protection: Yes Pressure eliminator: No Hydraulics: No Pneumatics: Yes Standard product: No	Ball locking:	Yes
Vacuum suitable: Ves Water-resistant: No Flat-sealing: No Suitable breath / respiratory protection: Ves Pressure eliminator: No Hydraulics: No Pneumatics: Yes Standard product: No	Pin lock:	No
Water-resistant: No Flat-sealing: No Suitable breath / respiratory protection: Yes Pressure eliminator: No Hydraulics: No Pneumatics: Yes Standard product: No	Ultra-FLO-valve:	No
Flat-sealing: Suitable breath / respiratory protection: 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:	No
Pressure eliminator: Hydraulics: No Pneumatics: Yes Standard product: No	Flat-sealing:	No
Pressure eliminator: Hydraulics: No Pneumatics: Yes Standard product: No	Suitable breath / respiratory protection:	Yes
Pneumatics: Yes Standard product: No		No
Standard product: No	Hydraulics:	No
	Pneumatics:	Yes
	Standard product:	No
	·	No

Dimensions

Connection A:	13 mm
D mm:	28
L mm:	81,5
L1 mm:	25
SW mm:	24