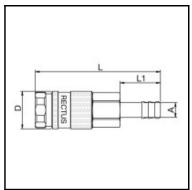
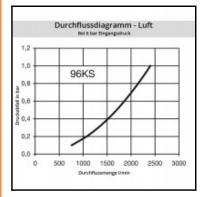
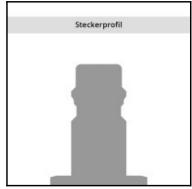


## Datasheet of 96KSTF13BPN Quick coupling with hose barb I N D U S T









## Description

Quick coupling safety single shut-off, hose barb 13mm (1/2), nominal diameter 7,4, <35 bar, brass nickel plated, seal NBR

This coupling system has been developed specifically for the area of breathing protection. 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. Tested according EN 139 standard.

## **Details**

Bore area in mm²: Advantages: Additional safety locking system.  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 Safety (single shut-off) Connection description: Hose barb 13mm LW(1/2") Connection type: Hose barb 13mm LW(1/2") Hose barb 13mm LW(1/2") Connection type: Hose barb 13mm LW(1/2") Material: Brass nickel plated Material description: Nitrite-butadiene rubber  Surface: nickel plated Material connection: Brass nickel plated Material solve body: Brass nickel plated Material solve: Brass nickel plated Material spring snap ring: Material spring snap ring: Stainless steel AISI 301 Material spring snap ring: Material spri	Series:	96
Bore in mm:  Bore area in mm?:  43 Advantages:  Additional safety locking system.  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 (FEKM) depending on the medium.  Working temperature:  (EPDM) -15°C up to +200°C (FKM) 0°C up to +316°C (FFKM) depending on the medium.  Connection:  Hose barb 13mm LW(1/2")  Connection description:  Hose barb 13mm LW(1/2")  Connection type:  Hose barb 13mm LW(1/2")  Hose barb 13mm LW(1/2")  Eass nickel plated  Baterial description:  Brass cuznasph5 2.0401 (completely)  Seal description:  Nitrite-butadiene rubber  nickel plated  Material connection:  Brass nickel plated  Material valve body:  Brass nickel plated  Material sleeve:  Brass nickel plated  Material sleeve:  Brass nickel plated  Material spring snap ring:  stainless steel AISI 301  Material spring snap ring:  stainless steel AISI 420  Material seal:  Perbunan®  Weight in kg:  Safety locking system:  Yes  Single-hand operation:  No  Two-hand operation:  No  Yes  Pin lock:  No  Ultra-FLO-valve:  No  Vacuum suitable:  Yes  Water-resistant:  No  Flat-sealing:  No  Sutable breath / respiratory protection:  Yes  Standard product:  No  Pneumatics:  Yes  Standard product:  No	Series long:	96KS
Additional safety locking system.  Working pressure:  ### Safety factor 4 to 1.  ### 20°C up to +100°C (NBR) -40°C up to +120/150°C (PEPDM) -15°C up to +200°C (PEMM) 0°C up to +316°C (PEPDM) -15°C up to +200°C (PEMM) 0°C up to +316°C (PEPDM) -15°C up to +200°C (PEMM) 0°C up to +316°C (PEPDM) -15°C up to +200°C (PEMM) 0°C up to +316°C (PEPDM) -15°C up to +200°C (PEMM) 0°C up to +316°C (PEPDM) -15°C up to +200°C (PEMM) 0°C up to +316°C (PEPDM) -15°C up to +200°C (PEMM) 0°C up to +316°C (PEPDM) -15°C up to +200°C (PEMM) 0°C up to +316°C (PEPDM) -15°C up to +200°C (PEMM) 0°C up to +316°C (PEPDM) -15°C up to +200°C (PEMM) 0°C up to +316°C (PEPDM) -15°C up to +200°C (PEMM) 0°C up to +316°C (PEPDM) -15°C up to +200°C (PEMM) 0°C up to +120°C up to +316°C (PEPDM) -15°C up to +120°C up to +316°C (PEPDM) -15°C up to +120°C	Bore in mm:	7,4
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) 0°C up to +316°C (FFKM) depending on the medium.  Shut-Off:  Quick coupling Safety (single shut-off)  Connection:  Hose barb 13mm LW(1/2°)  Connection type:  Hose barb 13mm LW(1/2°)  Connection type:  Hose barb 13mm LW(1/2°)  Material:  Brass nickel plated  Material description:  Sulface:  nickel plated  Material connection:  Brass nickel plated  Material selve:  nickel plated  Material selve:  Brass nickel plated  Material valve body:  Brass nickel plated  Material selve:  Brass nickel plated  Material valve lated  Material spring snap ring:  stainless steel AISI 301  Material balls/pins:  Stainless steel AISI 301  Material seal:  Perbunan®  Weight in kg:  0,1124  Self-venting coupling:  No  Safety locking system:  Yes  Sali locking:  Yes  Ball locking:  Yes  Ball locking:  Yes  Wacum suitable:  Wacum suitable:  Water-resistant:  No  Presume diminator:  No  Presume eliminator:  No  Presumel	Bore area in mm <sup>2</sup> :	43
Working pressure:  factor 4 to 1.  -20°C up to +100°C (NBR) -40°C up to +120/150°C (FFKM) of C up to +220°C (FFKM) of C up to +316°C (FFKM) 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")  Brass nickel plated  Material description:  Seal description:  Surface:  Inickel plated  Material connection:  Brass nickel plated  Material valve body:  Brass nickel plated  Material valve body:  Brass nickel plated  Material valve:  Zinc plated nickel plated  Material spring snap ring:  Stainless steel AISI 301  Material balls/pins:  Stainless steel AISI 420  Material seal:  Perbunan®  Weight in kg:  Q.1124  Self-venting coupling:  No  Safety locking system:  Yes  Single-hand operation:  No  Two-hand operation:  No  Ves  Ball locking:  Yes  Pin lock:  No  Ultra-FLO-valve:  No  Vacuum suitable:  Water-resistant:  No  Flat-sealing:  No  Pressure eliminator:  No  Presure eliminator:  No  Presure eliminator:  No  Presure eliminator:  No  Pressure eliminator:  No  Pressure eliminator:  No  Presure eliminator:  No  No  Presure eliminator:  No  No  Presure eliminator:  No  No  Presure eliminator:  No  Presure elimina	Advantages:	Additional safety locking system.
Working temperature:  (EPDM) -15°C up to +200°C (FKM) o°C up to +316°C (FFKM) 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: 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: Brass nickel plated  Material sleeve: Brass nickel plated  Material sleeve: Brass nickel plated  Material sleeve: Brass nickel plated  Material spring snap ring: Stainless steel AISI 301  Material balls/pins: Stainless steel AISI 301  Material seal: Perbunan®  Weight in kg: Q,1124  Self-venting coupling: No  Safety locking system: Yes  Single-hand operation: No  Two-hand operation: No  Two-hand operation: Yes  Ball locking: Yes  Water-resistant: No  Ultra-FLO-valve: Vacuum suitable: Yes  Water-resistant: No  Pressure eliminator: No  Pressure eliminator: No  Presure eliminato	Working pressure:	0,
Connection: Hose barb 13mm LW(1/2") Connection description: Hose barb 13mm LW(1/2") Connection type: Hose barb Material: Brass nickel plated Material description: Nitrite-butadiene rubber Surface: nickel plated Material connection: Brass nickel plated Material connection: Brass nickel plated Material valve body: Brass nickel plated Material sleeve: Brass nickel plated Material spring snap ring: stainless steel AISI 301 Material spring snap ring: Stainless steel AISI 301 Material seal: Perbunan® Weight in kg: 0,1124 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: No Suitable breath / respiratory protection: Yes Pressure eliminator: No Presure 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:  Material:  Brass nickel plated  Material description:  Seal description:  Mitrite-butadiene rubber  Material valve body:  Brass nickel plated  Brass nickel plated  Material valve body:  Brass nickel plated  Material valve body:  Material seale  Material seariel plated  Material seale nickel plated  Material valve body:  Material spring snap ring:  Material spring snap ring:  Material spring snap ring:  Material spring sate nickel plated  Material valve body:  Material valv	Shut-Off:	Quick coupling Safety (single shut-off)
Connection type:  Material:  Brass nickel plated  Material description:  Seal description:  Nitrite-butadiene rubber  nickel plated  Material connection:  Material valve body:  Material seeve:  Brass nickel plated  Material valve:  Brass nickel plated  Material valve body:  Material seeve:  Brass nickel plated  Material seeve:  Brass nickel plated  Material seleve:  Material spring snap ring:  Material spring snap ring:  Material balls/pins:  Stainless steel AISI 301  Material balls/pins:  Stainless steel AISI 420  Meterial seal:  Perbunan®  Weight in kg:  0,1124  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  Fiat-sealing:  No  Suitable breath / respiratory protection:  Yes  Pressure eliminator:  No  Pressure eliminator:  No  Presure eliminator:  No  Pneumatics:  Yes  Standard product:  No	Connection:	Hose barb 13mm LW(1/2")
Material:  Brass nickel plated  Material description:  Seal description:  Nitrite-butadiene rubber  Surface:  nickel plated  Material connection:  Brass nickel plated  Material valve body:  Material sleeve:  Brass nickel plated  Material sleeve:  Brass nickel plated  Material sleeve:  Material sleeve:  Material spring snap ring:  Material balls/pins:  Stainless steel AISI 301  Material balls/pins:  Stainless steel AISI 420  Material seal:  Perbunan®  Weight in kg:  0,1124  Self-venting coupling:  Safety locking system:  Yes  Single-hand operation:  Two-hand operation:  Yes  Ball locking:  Yes  Pin lock:  No  Ultra-FLO-valve:  Vacuum suitable:  Yes  Water-resistant:  No  Suitable breath / respiratory protection:  Yes  Pressure eliminator:  No  Presumatics:  No  Pneumatics:  Yes  Standard product:  No	Connection description:	Hose barb 13mm LW(1/2")
Material description:  Seal description:  Nitrite-butadiene rubber  Nitrite-butadiene rubber  Nitrite-butadiene rubber  Nitrite-butadiene rubber  Nitrite-butadiene rubber  Nitrite-butadiene rubber  Nickel plated  Material connection:  Brass nickel plated  Material valve body:  Brass nickel plated  Material sleeve:  Brass nickel plated  Material valve:  Zinc plated 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:  0,1124  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:  Vacuum suitable:  Yes  Water-resistant:  No  Suitable breath / respiratory protection:  Yes  Pressure eliminator:  No  Pneumatics:  No  Pneumatics:  Yes  Standard product:  No	Connection type:	Hose barb
Seal description:  Surface:  Nitrite-butadiene rubber  Surface:  Nickel plated  Material connection:  Brass nickel plated  Material valve body:  Brass nickel plated  Material sleeve:  Brass nickel plated  Material valve:  Material sparing snap ring:  Material sparing snap ring:  Material sparing snap ring:  Material balls/pins:  Stainless steel AISI 301  Material balls/pins:  Stainless steel AISI 420  Meterial seal:  Perbunan®  Weight in kg:  0,1124  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:  Pressure eliminator:  No  Pneumatics:  Yes  Standard product:  No	Material:	Brass nickel plated
Surface:  Material connection:  Material valve body:  Material sleeve:  Material spring snap ring:  Material sless steel AISI 301  Material balls/pins:  Stainless steel AISI 420  Material seal:  Perbunan®  Weight in kg:  0,1124  Self-venting coupling:  No  Safety locking system:  Yes  Single-hand operation:  Two-hand operation:  Yes  Ball locking:  Yes  Pin lock:  Ultra-FLO-valve:  No  Vacuum suitable:  Yes  Water-resistant:  No  Flat-sealing:  No  Suitable breath / respiratory protection:  Pressure eliminator:  No  Pneumatics:  Yes  Standard product:  No	Material description:	Brass CuZn39Pb3 2.0401 (completely)
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:  Single-hand operation:  Two-hand operation:  Yes  Ball locking:  Yes  Pin lock:  Ultra-FLO-valve:  Water-resistant:  No  Suitable breath / respiratory protection:  Pressure eliminator:  No  Pneumatics:  No  Pressure eliminator:  No  No  Pressure eliminator:  No  No  No  Pressure eliminator:  No  Pressure eliminator  Pressure eliminator  Pressure	Seal description:	Nitrite-butadiene rubber
Material valve body:  Material sleeve:  Material sleeve:  Material sleeve:  Material sleeve:  Material spring snap ring:  Material balls/pins:  Material balls/pins:  Material seal:  Meight in kg:  Mo;  Mo;  Mo;  Mo;  Mo;  Mo;  Mo;  Mo	Surface:	nickel plated
Material sleeve:  Material valve:  Material valve:  Material spring snap ring:  Material balls/pins:  Material balls/pins:  Material seal:  Weight in kg:  Self-venting coupling:  Safety locking system:  Single-hand operation:  Two-hand operation:  Yes  Ball locking:  Yes  Pin lock:  No  Ultra-FLO-valve:  Water-resistant:  No  Suitable breath / respiratory protection:  Persura size no server search size search s	Material connection:	Brass nickel plated
Material valve:  Material spring snap ring:  Material balls/pins:  Material balls/pins:  Material seal:  Weight in kg:  Self-venting coupling:  Safety locking system:  Single-hand operation:  Two-hand operation:  Yes  Ball locking:  Yes  Pin lock:  No  Ultra-FLO-valve:  Water-resistant:  No  Suitable breath / respiratory protection:  Pyes  Standard product:  No  Tian plated nickel plated  Stainless steel AISI 301  Stainless steel AISI 420  No  O,1124  No  Yes  Self-venting coupling:  No  No  Yes  Single-hand operation:  No  No  Ves  No  Ves  No  Ves  No  Ves  Water-resistant:  No  No  No  No  No  No  No  No  No  N	Material valve body:	Brass nickel plated
Material spring snap ring:  Material balls/pins:  Material balls/pins:  Material seal:  Perbunan®  Weight in kg:  O,1124  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:  Yes  Water-resistant:  No  Suitable breath / respiratory protection:  Pressure eliminator:  No  Phydraulics:  No  No  Stainless steel AISI 301  No  Perbunan®  No  No  No  No  No  Suitable breation:  No  No  No  No  Phydraulics:  Yes  Standard product:  No	Material sleeve:	Brass nickel plated
Material balls/pins:         Stainless steel AISI 420           Material seal:         Perbunan®           Weight in kg:         0,1124           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:	Zinc plated nickel plated
Material seal:         Perbunan®           Weight in kg:         0,1124           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:         0,1124           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 balls/pins:	Stainless steel AISI 420
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 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:	0,1124
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:         Yes           Water-resistant:         No           Flat-sealing:         No           Suitable breath / respiratory protection:         Yes           Pressure eliminator:         No           Hydraulics:         No           Pneumatics:         Yes           Standard product:         No	Pin lock:	No
Water-resistant:  No Flat-sealing:  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:  No Hydraulics:  No Pneumatics:  Yes Standard product:  No	Flat-sealing:	No
Hydraulics: No Pneumatics: Yes Standard product: No	Suitable breath / respiratory protection:	Yes
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:	13 mm
D mm:	23
L mm:	78
L1 mm:	25
SW mm:	19