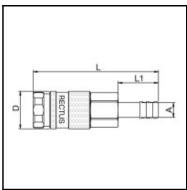
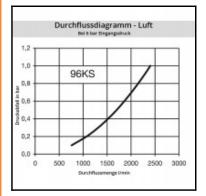
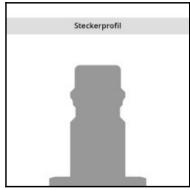


## Datasheet of 96KSTF10BPN Quick coupling with hose barb I N D U S T









## Description

Quick coupling safety single shut-off, hose barb 10mm, 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 in mm: 30re area in mm²: 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 (EPDM) -15°C up to +1200°C (FKM) 0°C up to +316°C (FFKM) depending on the medium.  Shut-Off: Quick coupling Safety (single shut-off) Connection: Hose barb 10mm Connection description: Hose barb 10mm Connection type: Hose barb 10mm Material: Brass nickel plated Material description: Seal description: Nitrite-butadiene rubber sickel plated Material connection: Brass nickel plated Material sornection: Brass nickel plated Material valve body: Brass nickel plated Material valve body: Brass nickel plated Material spring snap ring: Material spring snap ring: Material spring snap ring: Material spring sap ring: Material spring sap ring: Material spring sap ring: Material spring spring: Material s | Series:                                   | 96   |
|--|---|--|
| Bore in mm: 30re area in mm²: 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 (EPDM) -15°C up to +1200°C (FKM) 0°C up to +316°C (FFKM) depending on the medium.  Shut-Off: Quick coupling Safety (single shut-off) Connection: Hose barb 10mm Connection description: Hose barb 10mm Connection type: Hose barb 10mm Material: Brass nickel plated Material description: Seal description: Nitrite-butadiene rubber sickel plated Material connection: Brass nickel plated Material sornection: Brass nickel plated Material valve body: Brass nickel plated Material valve body: Brass nickel plated Material spring snap ring: Material spring snap ring: Material spring snap ring: Material spring sap ring: Material spring sap ring: Material spring sap ring: Material spring spring: Material s | Series long:                              | 96KS   |
| Advantages:  Working pressure:  ### Additional safety locking system.  ### Additional safety locking safety  | 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.  Quick coupling Safety (single shut-off)  Connection:  Hose barb 10mm  Connection type: Hose barb 10mm  Connection type: Hose barb 10mm  Material description: Brass nickel plated Material description: Nitrite-butacliene rubber  Surface: nickel plated Material valve body: Brass nickel plated Material valve body: Brass nickel plated Material valve: Material valve: Surface: Brass nickel plated Material valve: Brass nickel plated  Material seleve: Brass nickel plated  Material palls/pins: Material seal: Perbunan®  Neeight in kg: 0,11  Self-venting coupling: No  Safety locking system: Yes Single-hand operation: No  Two-hand operation: Yes Ball locking: Yes Prin lock: No  Vacuum suitable: Ves  Water-resistant: No  Pressure eliminator: No  Pressure eliminator: No  Hydraulics: No   | Bore area in mm <sup>2</sup> :            | 43   |
| Morking pressure:  factor 4 to 1.  -20°C up to +100°C (NBR)-40°C up to +120/150°C (FFKM) -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 10mm  Connection type: Hose barb 10mm  Connection type: Hose barb 10mm  Connection type: Material description: Brass nickel plated Material description: Nitrite-butadiene rubber  Surface: nickel plated Material connection: Brass nickel plated  Material valve body: Brass nickel plated  Material sleeve: Material spring snap ring: Stainless steel AISI 301  Material spring snap ring: Stainless steel AISI 301  Material seal: Perbunan®  Weight in kg: 0,11  Self-venting coupling: No Safety locking system: Yes Safety locking system: Yes Sall locking: Yes Surface: No No No Surface: No No Surface: No No No Surface: No No No No No No Surface: No  | Advantages:                               | Additional safety locking system.                |
| Working temperature:  (EPDM) -15°C up to +200°C (FKM) 0°C up to +316°C (FKM) depending on the medium.  Shut-Off:  Quick coupling Safety (single shut-off)  Connection:  Hose barb 10mm  Connection type:  Waterial:  Brass nickel plated  Material description:  Nitrite-butadiene rubber  Surface:  nickel plated  Material connection:  Brass nickel plated  Material valve body:  Material valve body:  Material sleeve:  Material sleeve:  Material spring snap ring:  Material spring snap ring:  Material balls/pins:  Stainless steel AISI 301  Material seal:  Perbunan®  Weight in kg:  0,11  Self-venting coupling:  No  Safety locking system:  Yes  Sall locking:  Yes  Pin lock:  No  Vacuum suitable:  Ves  Pressure eliminator:  No  Pressure eliminator:  No  Hydraulics:  No  Hydraulics:  No  Hydraulics:  No  Hydraulics:  No  Hydraulics:  No  No  Hydraulics:  No  Hydrauli | Working pressure:                         | 0,   |
| Connection:  Connection description:  Connection description:  Connection type:  Hose barb 10mm  Connection type:  Hose barb Material:  Brass nickel plated  Material description:  Nitrite-butadiene rubber  Surface:  Nickel plated  Material connection:  Brass nickel plated  Material valve body:  Material valve body:  Material sleeve:  Material spring snap ring:  Material spring snap ring:  Material spring snap ring:  Material balls/pins:  Material balls/pins:  Material seal:  Perbunan®  Meight in kg:  O,11  Self-venting coupling:  No  Safety locking system:  Yes  Single-hand operation:  No  Two-hand operation:  No  Two-hand operation:  No  Jitra-FLO-valve:  Vacuum suitable:  Material valve:  No  Ves  Suitable breath / respiratory protection:  Yes  Perssure eliminator:  No  Hydraulics:  No  Hydraulics:  No  | Working temperature:                      | (EPDM) -15°C up to +200°C (FKM) 0°C up to +316°C |
| Connection description:  Connection type:  Hose barb  Material:  Brass nickel plated  Material description:  Seal description:  Material connection:  Material connection:  Material connection:  Material connection:  Material connection:  Material sleeve:  Material spring snap ring:  Material balls/pins:  Material balls/pins:  Material balls/pins:  Material balls/pins:  Material seal:  Perbunan®  Meight in kg:  O,11  Self-venting coupling:  No  Safety locking system:  Yes  Single-hand operation:  No  Two-hand operation:  Yes  Ball locking:  Yes  Pin lock:  No  Vacuum suitable:  Water-resistant:  No  Suitable breath / respiratory protection:  Yes  Pressure eliminator:  No  Hydraulics:  No  | 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:  Brass nickel plated  Material connection:  Brass nickel plated  Material valve body:  Material sleeve:  Material spring snap ring:  Material spring spring:  Mo  Safety locking system:  Yes  Single-hand operation:  No  Two-hand operation:  Yes  Presion lock:  No  No  Ultra-FLO-valve:  Water-resistant:  No  Flat-sealing:  No  Suitable breath / respiratory protection:  Yes  Pressure eliminator:  No  Hydraulics:  No   | Connection:                               | Hose barb 10mm                                   |
| Material:  Material description:  Brass CuZn39Pb3 2.0401 (completely)  Seal description:  Nitrite-butadiene rubber  Nickel plated  Material connection:  Material valve body:  Material sleeve:  Material syring snap ring:  Material spring snap ring:  Material balls/pins:  Material seal:  Meight in kg:  Self-venting coupling:  Safety locking system:  Single-hand operation:  Two-hand operation:  Mo  Jitrite-butadiene rubber  No  No  No  Jitrite-butadiene rubber  Nickel plated  Material plated  Material valve barrial plated  Material seal:  Perbunan®  No  Self-venting coupling:  No  Soleft-venting coupling:  No  Two-hand operation:  No  Two-hand operation:  Yes  Jin plated nickel plated  Material seal AISI 301  Stainless steel AISI 301  Material seal:  Perbunan®  No  Self-venting coupling:  No  Solitale-band operation:  No  Two-hand operation:  No  Two-hand operation:  Yes  Jin lock:  No  No  Jitra-FLO-valve:  No  Ves  Water-resistant:  No  Flat-sealing:  No  Suitable breath / respiratory protection:  Yes  Pressure eliminator:  No  Hydraulics:  No   | Connection description:                   | Hose barb 10mm                                   |
| Material description: Seal description: Nitrite-butadiene rubber Naterial pated Naterial valve Naterial pated Naterial seled Naterial seled Naterial seled Naterial seled Naterial seal: Nateri | Connection type:                          | Hose barb  |
| Seal description:  Surface:  Material connection:  Material valve body:  Material sleeve:  Material sleeve:  Material spring snap ring:  Material balls/pins:  Meterial seal:  Meight in kg:  Self-venting coupling:  Safety locking system:  Single-hand operation:  Mo Two-hand operation:  Pin lock:  Diltra-FLO-valve:  Water-resistant:  No Suitable breath / respiratory protection:  Pressure eliminator:  No Mitrite-butadiene rubber  nickel plated  Brass nickel plated  Bras | Material:                                 | Brass nickel plated                              |
| Surface:  Material connection:  Material valve body:  Material sleeve:  Material sle | Material description:                     | Brass CuZn39Pb3 2.0401 (completely)              |
| Material connection:  Material valve body:  Material sleeve:  Material sleeve:  Material spring snap ring:  Material balls/pins:  Material seal:  Meight in kg:  Self-venting coupling:  Safety locking system:  Single-hand operation:  Two-hand operation:  Presure  Pin lock:  No  Ultra-FLO-valve:  Water-resistant:  No  Suitable breath / respiratory protection:  Pressure eliminator:  No  Material sanickel plated  Brass nickel plated  Als I salled  No  Brass nickel plated  Brass nickel plated  Bras nickel plated  Brass nickel plated  | Seal description:                         | Nitrite-butadiene rubber                         |
| Material valve body:  Material sleeve:  Material sleeve:  Material spring snap ring:  Material balls/pins:  Material seal:  Meight in kg:  Self-venting coupling:  Safety locking system:  Single-hand operation:  Two-hand operation:  Pes Ball locking:  Yes  Pin lock:  Mo  Vacuum suitable:  Water-esistant:  No  Suitable breath / respiratory protection:  Pressure eliminator:  Hydraulics:  Material valve  Stainless steel AISI 301  Stainless steel AISI 420  Perbunan®  No  No  111  Stainless steel AISI 420  Perbunan®  No  Self-venting coupling:  No  No  Hydraulics:  No  No  No  No  Hydraulics:  No  | Surface:                                  | nickel plated                                    |
| Material sleeve:  Material valve:  Material spring snap ring:  Material balls/pins:  Material balls/pins:  Material seal:  Meight in kg:  Safety locking system:  Single-hand operation:  Mo Two-hand operation:  Pes Ball locking:  Pin lock:  No Ultra-FLO-valve:  Water-resistant:  Flat-sealing:  Suitable breath / respiratory protection:  Pin lock:  Mo Material seal:  Perbunan®  No Stainless steel AISI 301  Stainless steel AISI 420  Perbunan®  No  No  No  Self-venting coupling:  No  No  No  No  No  No  No  No  No  N  | Material connection:                      | Brass nickel plated                              |
| Material valve:  Material spring snap ring:  Material balls/pins:  Material balls/pins:  Material seal:  Meight in kg:  Self-venting coupling:  Safety locking system:  Single-hand operation:  Two-hand operation:  Pes Ball locking:  Yes Pin lock:  No  Waterial seal:  No  Mo  Mo  Mo  Mo  Mo  Mo  Mo  Mo  Mo  | Material valve body:                      | Brass nickel plated                              |
| Material spring snap ring:  Material balls/pins:  Material balls/pins:  Material seal:  Meight in kg:  Self-venting coupling:  Safety locking system:  Single-hand operation:  Two-hand operation:  Yes  Ball locking:  Yes  Pin lock:  No  Ultra-FLO-valve:  Vacuum suitable:  Material spring snap ring:  stainless steel AISI 301  Perbunan®  No  Self-venting coupling:  No  No  Ves  Single-hand operation:  Yes  Pin lock:  No  No  Ultra-FLO-valve:  Vacuum suitable:  Yes  Mater-resistant:  No  Flat-sealing:  Suitable breath / respiratory protection:  Yes  Pressure eliminator:  No  Hydraulics:  No  | Material sleeve:                          | Brass nickel plated                              |
| Material balls/pins:  Material seal:  Meight in kg:  O,11  Self-venting coupling:  No  Safety locking system:  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:  Hydraulics:  No  Stainless steel AISI 420  Perbunan®  No  No  Stainless steel AISI 420  Perbunan®  No  Yes  No  No  No  No  Stainless steel AISI 420  No  No  No  Self-venting  No  No  Stainless steel AISI 420  No  No  No  Stainless steel AISI 420  No  No  Self-venting  No  No  Stainless steel AISI 420  No  No  Self-venting  No  Stainless steel AISI 420  No  No  Self-venting  No  Stainless steel AISI 420  No  No  Self-venting  No  No  Hydraulics:  No   | Material valve:                           | Zinc plated nickel plated                        |
| Material seal:         Perbunan®           Weight in kg:         0,11           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   | Material spring snap ring:                | stainless steel AISI 301                         |
| Weight in kg:         0,11           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  | 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   | 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   | Weight in kg:                             | 0,11   |
| 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  | 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  | Safety locking system:                    | Yes  |
| Yes  | 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  | 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   | Ball locking:                             | Yes  |
| Vacuum suitable:  Water-resistant:  No Flat-sealing:  Suitable breath / respiratory protection:  Pressure eliminator:  Hydraulics:  No   | Pin lock:                                 | No   |
| Water-resistant: No Flat-sealing: No Suitable breath / respiratory protection: Yes Pressure eliminator: No Hydraulics: No  | Ultra-FLO-valve:                          | No   |
| Flat-sealing:  Suitable breath / respiratory protection:  Pressure eliminator:  No  Hydraulics:  No  | Vacuum suitable:                          | Yes  |
| Suitable breath / respiratory protection:  Pressure eliminator:  No  Hydraulics:  No   | Water-resistant:                          | No   |
| Pressure eliminator: No Hydraulics: No   | Flat-sealing:                             | No   |
| Hydraulics: No   | Suitable breath / respiratory protection: | Yes  |
|  | Pressure eliminator:                      | No   |
| Programatice: Voc  | Hydraulics:                               | No   |
| TICUIII aucs.  | Pneumatics:                               | Yes  |
| Standard product: No   | Standard product:                         | No   |
| Mould coupling: No   | Mould coupling:                           | No   |

## Dimensions

| Connection A: | 10 mm |
|---------------|-------|
| D mm:         | 23    |
| L mm:         | 78    |
| L1 mm:        | 25    |
| SW mm:        | 19    |