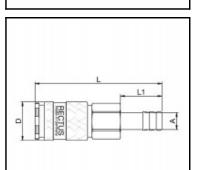
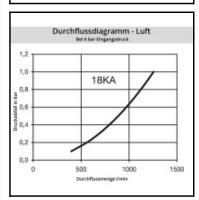
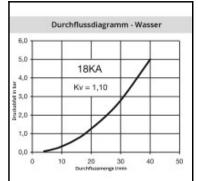
Datasheet of 18KATF10MPN Quick coupling with hose barb^{INDUST}











Description

Quick coupling single shut-off, hose barb 10mm, nominal diameter 5,5, <35 bar, brass nickel plated, seal NBR

RIE

Robust industrial coupling according to ISO 6150 C. Coupling system with single-hand operation. UltraFlo valve for optimum flow and low pressure drop. The steel sleeve counters oscillating forces. System has liwithed use for liquids (steel sleeve/zinc die cast valve). The high insertion depth is guaranteed by an optimised plug guide.

Details

| Bore Series Iong: 16KA Bore in mm: 5.5 Bore area in mm?: 25 Advantages: One-hand operation. Innovative Ventiltechnik. The high insertion depth is guaranteed by an optimised plug guide. UltraFlo valve. Compatibility: ISO 6150 C Working pressure: 35 bar maximum static working pressure with safety factor 4 to 1. Working temperature: -20°C up to +100°C (NER)-40°C up to +120/150°C (EPDM) -15°C up to +100°C (KFM) depending on the medium. Shut-Off: Quick coupling Single Shut-Off Connection Hose barb 10mm Connection description: Hose barb 10mm Connection description: Brass nickel plated Material Brass nickel plated Material connection: Brass nickel plated Material connection: Brass nickel plated Material secret: Steel hardened and nickel plated Material selewe: Zin discuss steel AISI 301 Material selewe: Stainless steel AISI 301 Material selewe: No Safety locking system: No Safety locking system: No Safety locking system: No Suitable breath / respiratory protection: <t< th=""><th>Series:</th><th>18</th></t<> | Series: | 18 |
|--|---|--|
| Bore in mm: 5,5 Bore area in mm?: 25 Advantages: One-hand operation. Innovative Ventiltechnik. The high insertion depth is guaranteed by an optimised plug guide. UltraFlo valve. Compatibility: ISO 6150 C Working pressure: 35 bar maximum static working pressure with safety factor 4 to 1. "Compatibility: ISO 6150 C Working temperature: "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: Hose barb 10mm Connection type: Hose barb 10mm Surface: nickel plated Material description: Brass nickel plated Material valve body: Brass nickel plated Material valve body: Brass nickel plated Material valve body: Brass nickel plated Material valve: Z1nc diecasting nickel plated Material valve: Steel hardened and nickel plated Material seare: Perbunan@ Weight in kg: 0,1119 | | |
| Bore area in mm?: 25 Advantages: One-hand operation. Innovative Ventiltechnik. The high isertion depth is guaranteed by an optimised plug guide. UltraFlo valve. Compatibility: ISO 6150 C Working pressure: 35 bar maximum static working pressure with safety factor 4 to 1. Working temperature: -20°C up to +100°C (NBR) -40°C up to +120/150°C (EVDM).15°C up to +200°C (FKM) depending on the medium. Shut-Off: Quick coupling Single Shut-Off Connection: Hose barb 10mm Connection type: Hose barb 10mm Connection type: Hose barb 10mm Material: Brass nickel plated Material: Brass nickel plated Material description: Nitrite-butadiene rubber Surface: nickel plated Material sleeve: Steel hardened and nickel plated Material valve body: Brass nickel plated Material sleeve: 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 Single-hand operation: Yes No <td></td> <td>and a second second</td> | | and a second |
| One-hand operation. Innovative Ventiltechnik. The high insertion depth is guaranteed by an optimised plug guide. UltraFto valve. Compatibility: ISO 6150 C Working pressure: 35 bar maximum static working pressure with safety factor 4 to 1. Working temperature: -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 description: Hose barb 10mm Connection description: Hose barb 10mm Connection type: Hese barb Material description: Brass nickel plated Material connection: Brass nickel plated Material connection: Brass nickel plated Material spring snap ring: Stainless steel AISI 301 Material spring snap ring: Stainless steel AISI 301 Material spring snap ring: No Safety locking: No Safety locking: No Safety locking: Yes Two-band operation: Yes Material spring: No Safety locking system: No Suigle-hand operation: Yes Two | | |
| 35 bar maximum static working pressure with safety factor 4 to 1. Working temperature: -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: Hose barb 10mm Connection: Hose barb 10mm Connection type: Hose barb 10mm Material description: Brass nickel plated Material description: Brass nickel plated Surface: nickel plated Material connection: Brass nickel plated Material acconnection: Brass nickel plated Material acconnection: Brass nickel plated Material valve body: Brass nickel plated Material valve body: Brass nickel plated Material sping snap ring: stainless steel AISI 301 Material balls/pins: Stainless steel AISI 420 Material seal: Perbunan@ Weight in kg: 0,1119 Self-venting coupling: No Safety locking system: No Ball locking: Yes Pin lock: No Ultra-FLO-val | | One-hand operation. Innovative Ventiltechnik. The high insertion depth is guaranteed by an optimised plug |
| Working pressure: factor 4 to 1. Working temperature: -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 description: Hose barb 10mm Connection description: Hose barb 10mm Connection description: Hose barb 10mm Connection description: Brass nickel plated 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: Zinc diecasting nickel plated Material valve: Zinc diecasting nickel plated Material balls/pins: Stainless steel AISI 301 Material seal: Perbunan® Weight in kg: 0,1119 Self-venting coupling: No Safety locking system: No Safety locking system: No Ball locking: Yes Pin lock: No Vacuum suitable: | Compatibility: | ISO 6150 C |
| Working temperature: (EPDM) -15°C up to +200°C (FKM) depending on the medium. Shut-Off: Quick coupling Single Shut-Off Connection description: Hose barb 10mm Connection type: Hose barb 10mm Material description: Brass nickel plated Material approximation: Brass nickel plated Material aconnection: Brass nickel plated Material approximation: Brass nickel plated Material seve: Steel hardened and nickel plated Material seve: Stainless steel AISI 301 Material balls/pins: Stainless steel AISI 420 Material balls/pins: No Safety locking system: No Single-hand operation: Yes Two-hand operation: Yes Pin lock: No Ultra-FLO-valve: No <tr< td=""><td>Working pressure:</td><td></td></tr<> | Working pressure: | |
| Connection: Hose barb 10mm Connection type: Hose barb Material: Brass nickel plated Material description: Brass nickel plated Material description: Brass nickel plated Seal description: Nitrite-butadiene rubber Surface: nickel plated Material valve body: Brass nickel plated Material valve body: Brass nickel plated Material sleeve: Steel hardened and nickel plated Material sleve: Zinc diceasting nickel plated Material sleve: Stainless steel AISI 301 Material balls/pins: Stainless steel AISI 420 Material seal: Perbunan® Weight in kg: 0,1119 Safety locking system: No Single-hand operation: Yes Two-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 Pressure | Working temperature: | (EPDM) -15°C up to +200°C (FKM) depending on the |
| Connection description: Hose barb 10mm Connection type: Hose barb Material: Brass nickel plated Material description: Brass Cu739Pb3 2.0401 (except sleeve) Seal 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: Zinc diecasting nickel plated Material speve: Steel hardened and nickel plated Material spring snap ring: stainless steel AISI 301 Material balls/pins: Stainless steel AISI 301 Material seal: Perbunan® Weight in kg: 0,1119 Self-venting coupling: No Safety locking system: No Single-hand operation: Yes Two-hand operation: No Ball locking: Yes Pin lock: No Vacuum suitable: Yes Water-resistant: No Suitable breath / respiratory protection: No Suitable breath / respiratory protec | Shut-Off: | Quick coupling Single Shut-Off |
| Connection type: Hose barb Material: Brass nickel plated Material description: Brass CuZn39Pb3 2.0401 (except sleeve) Seal description: Nitrite-butadiene rubber Surface: nickel plated Material connection: Brass nickel plated Material valve body: Brass nickel plated Material sleeve: Steel hardened and nickel plated Material sleeve: Zinc diecasting nickel plated Material sleave: Zinc diecasting nickel plated Material sleave: Steel hardened and nickel plated Material sleave: Zinc diecasting nickel plated Material sleave: Stainless steel AISI 301 Material seal: Perbunan® Weight in kg: 0,1119 Self-venting coupling: No Single-hand operation: Yes Two-hand operation: No Ball locking: Yes Pin lock: No Vacuum suitable: Yes Water-resistant: No Suitable breath / respiratory protection: No Suitable breath / respiratory protection: No Presum | Connection: | Hose barb 10mm |
| Material: Brass nickel plated Material description: Brass CuZn39Pb3 2.0401 (except sleeve) Seal description: Nitrite-butadiene rubber Surface: nickel plated Material connection: Brass nickel plated Material valve body: Brass 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: 0,1119 Seft-locking system: No Single-hand operation: Yes Two-hand operation: Yes Pin lock: No Vacuum suitable: Yes Waterial presistant: No Pin lock: No Pin lock: No Pin lock: No Pisteries: No Suitable breath / respiratory protection: No Pressure eliminator: No Piresure eliminator: No Piresure eliminator: No Pineumatics: Yes | Connection description: | Hose barb 10mm |
| Material description: Brass CuZn39Pb3 2.0401 (except sleeve) Seal 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 body: Brass nickel plated Material valve: 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: 0,1119 Seff-venting coupling: No Safety locking system: No Single-hand operation: Yes Two-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 Presure eliminator: No Preumatics: Yes | Connection type: | Hose barb |
| Seal description: Nitrite-butadiene rubber Surface: nickel plated Material connection: Brass nickel plated Material valve body: Brass nickel plated Material sleeve: Steel hardened and nickel plated Material sleeve: Zinc diecasting 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: 0,1119 Self-venting coupling: No Safety locking system: No Single-hand operation: Yes Two-hand operation: Yes Pin lock: No Ultra-FLO-valve: No Vacuum suitable: Yes Water-resistant: No Suitable breath / respiratory protection: No Pressure eliminator: No Pressure eliminator: No Presure eliminator: No Presure eliminator: No Presure eliminator: No Presure eliminat | Material: | Brass nickel plated |
| Surface:nickel platedMaterial connection:Brass nickel platedMaterial valve body:Brass nickel platedMaterial sleeve:Steel hardened and nickel platedMaterial sleeve:Zinc diecasting nickel platedMaterial valve:Zinc diecasting nickel platedMaterial spring snap ring:stainless steel AISI 301Material balls/pins:Stainless steel AISI 420Material seal:Perbunan®Weight in kg:0,1119Self-venting coupling:NoSafety locking system:NoSingle-hand operation:YesTwo-hand operation:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesWater-resistant:NoFlat-sealing:NoSuitable breath / respiratory protection:NoPressure eliminator:NoPressure eliminator:NoPressure standard:YesStandard product:No | Material description: | Brass CuZn39Pb3 2.0401 (except sleeve) |
| Material connection: Brass nickel plated Material valve body: Brass nickel plated Material sleeve: Steel hardened and 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: 0,1119 Self-venting coupling: No Safety locking system: No Single-hand operation: Yes Two-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 <tr< td=""><td>Seal description:</td><td>Nitrite-butadiene rubber</td></tr<> | Seal description: | Nitrite-butadiene rubber |
| Material valve body:Brass nickel platedMaterial sleeve:Steel hardened and nickel platedMaterial spring snap ring:Zinc diecasting nickel platedMaterial spring snap ring:stainless steel AISI 301Material balls/pins:Stainless steel AISI 420Material seal:Perbunan®Weight in kg:0,1119Self-venting coupling:NoSafety locking system:NoSingle-hand operation:YesTwo-hand operation:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesWater-resistant:NoFlat-sealing:NoSuitable breath / respiratory protection:NoPressure eliminator:NoPressure eliminator:NoPressure eliminator:NoPressure eliminator:NoPressure eliminator:NoPressure eliminator:NoPreumatics:YesStandard product:No | Surface: | nickel plated |
| Material sleeve: Steel hardened and 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: 0,1119 Self-venting coupling: No Safety locking system: No Single-hand operation: Yes Two-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 Pressure eliminator: No Preumatics: Yes Standard product: No | Material connection: | Brass nickel plated |
| Material valve:Zinc diecasting nickel platedMaterial spring snap ring:stainless steel AISI 301Material balls/pins:Stainless steel AISI 420Material seal:Perbunan®Weight in kg:0,1119Self-venting coupling:NoSafety locking system:NoSingle-hand operation:YesTwo-hand operation:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesWater-resistant:NoFlat-sealing:NoSuitable breath / respiratory protection:NoPressure eliminator:NoHydraulics:NoPneumatics:YesStandard product:No | Material valve body: | Brass nickel plated |
| Material spring snap ring:stainless steel AISI 301Material balls/pins:Stainless steel AISI 420Material seal:Perbunan®Weight in kg:0,1119Self-venting coupling:NoSafety locking system:NoSingle-hand operation:YesTwo-hand operation:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesWater-resistant:NoFlat-sealing:NoSuitable breath / respiratory protection:NoPressure eliminator:NoHydraulics:NoPressure eliminator:NoHydraulics:YesStandard product:No | Material sleeve: | Steel hardened and nickel plated |
| Material spring snap ring:stainless steel AISI 301Material balls/pins:Stainless steel AISI 420Material seal:Perbunan®Weight in kg:0,1119Self-venting coupling:NoSafety locking system:NoSingle-hand operation:YesTwo-hand operation:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesWater-resistant:NoFlat-sealing:NoSuitable breath / respiratory protection:NoPressure eliminator:NoHydraulics:NoPressure eliminator:NoHydraulics:YesStandard product:No | Material valve: | Zinc diecasting nickel plated |
| Material seal:Perbunan®Weight in kg:0,1119Self-venting coupling:NoSafety locking system:NoSingle-hand operation:YesTwo-hand operation:NoBall locking:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesWater-resistant:NoFlat-sealing:NoSuitable breath / respiratory protection:NoPressure eliminator:NoHydraulics:NoPneumatics:YesStandard product:No | Material spring snap ring: | stainless steel AISI 301 |
| Weight in kg:0,1119Self-venting coupling:NoSafety locking system:NoSingle-hand operation:YesTwo-hand operation:NoBall locking:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesWater-resistant:NoFlat-sealing:NoSuitable breath / respiratory protection:NoPressure eliminator:NoHydraulics:NoPneumatics:YesStandard 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:NoSingle-hand operation:YesTwo-hand operation:NoBall locking:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesWater-resistant:NoFlat-sealing:NoSuitable breath / respiratory protection:NoPressure eliminator:NoHydraulics:NoPneumatics:YesStandard product:No | Weight in kg: | 0,1119 |
| Safety locking system:NoSingle-hand operation:YesTwo-hand operation:NoBall locking:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesWater-resistant:NoFlat-sealing:NoSuitable breath / respiratory protection:NoPressure eliminator:NoHydraulics:NoPneumatics:YesStandard product:No | Self-venting coupling: | No |
| Two-hand operation:NoBall locking:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesWater-resistant:NoFlat-sealing:NoSuitable breath / respiratory protection:NoPressure eliminator:NoHydraulics:NoPneumatics:YesStandard product:No | | No |
| Ball locking:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesWater-resistant:NoFlat-sealing:NoSuitable breath / respiratory protection:NoPressure eliminator:NoHydraulics:NoPneumatics:YesStandard 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: No Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Hydraulics: No Pneumatics: Yes Standard product: No | Ultra-FLO-valve: | No |
| Flat-sealing: No 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: No Hydraulics: No Pneumatics: Yes Standard product: No | Flat-sealing: | No |
| Pressure eliminator: No Hydraulics: No Pneumatics: Yes Standard product: No | Suitable breath / respiratory protection: | No |
| Pneumatics: Yes Standard product: No | | No |
| Standard product: No | Hydraulics: | No |
| | Pneumatics: | Yes |
| Mould coupling: No | Standard product: | No |
| | Mould coupling: | No |

Dimensions

| Connection A: | 10 mm |
|---------------|-------|
| D mm: | 23 |
| L mm: | 76 |
| L1 mm: | 25 |
| SW mm: | 19 |