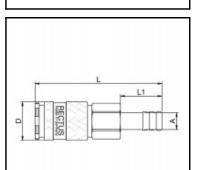
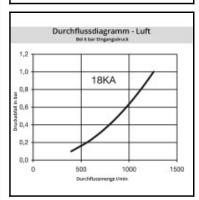
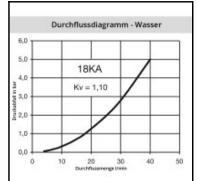
## Datasheet of 18KATF10MPN Quick coupling with hose barb<sup>INDUST</sup>











## 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