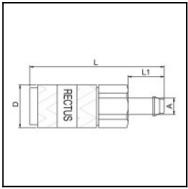
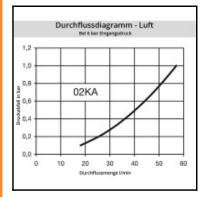
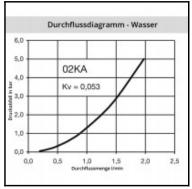


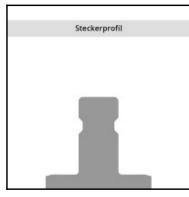
## Datasheet of 02KATF03MPN Quick coupling with hose barb N D U S











## Description

Quick coupling single shut-off, hose barb 3mm (1/8), nominal diameter 1,5, <35 bar, brass nickel plated, seal NBR

Smallest mini industrial coupling for air and gas applications. Primarily in medicine, didactics and model building. Specific application for liquids due to size. Coupling system with single-hand operation. Extremely small dimensions. Primarily in medicine, didactics and modelbuilding. Specific application for liquids due to size. Coupling system with single-hand operation. Extremely small dimensions.

## Details

Series long:         02           Series long:         02KA           Bore in mm:         1,5           Bore area in mm²:         1,8           Advantages:         One-hand operation. Extremely small dimensions.           Compatibility:         RECTUS Design           35 bar maximum static working pressure with safety factor 4 to 1.         2-0°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 3mm LW(1/8°)           Connection type:         Hose barb 3mm LW(1/8°)           Connection type:         Hose barb 3mm LW(1/8°)           Material description:         Brass nickel plated           Material description:         Brass nickel plated           Material oberial description:         Brass nickel plated           Material connection:         Brass nickel plated           Material valve body:         Brass nickel plated           Material spring snap ring:         stainless steel AISI 301           Material spring snap ring:         stainless steel AISI 420           Material spring snap ring:         stainless steel AISI 420           Material spring spring snap ring:         stainless steel AISI 420           Material porting snap ring: <td< th=""><th></th><th></th></td<>		
Bore in mm:  Bore area in mm?:  1.5 Bore area in mm?:  1.8 Advantages:  One-hand operation. Extremely small dimensions.  Compatibility:  RECTUS Design  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 Single Shut-Off Connection:  Hose barb 3mm LW(1/8°)  Connection type:  Hose barb 3mm LW(1/8°)  Connection type:  Hose barb 3mm LW(1/8°)  Material:  Brass nickel plated  Material description:  Surface:  Nitrite-butadiene rubber  Nitrite-butadiene rubber  Material valve body:  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 420  Material balls/pins:  No  Single-hand operation:  No  No  Ultra-FLO-valve:  No  Ves  Weter-resistant:  Yes  Flat-sealing:  No  Suitable breath / respiratory protection:  No  Pressure eliminator:  Hos  No  No  No  Pressure eliminator:  No  Pressure eliminator:  No  Pressure eliminator:  No  No  Pressure eliminator:  No	Series:	02
Bore area in mm²:         1,8           Advantages:         One-hand operation. Extremely small dimensions.           Compatibility:         RECTUS Design           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           Working temperature:         (EPDM) -15°C up to +200°C (FKM) depending on the medium.           Shut-Off:         Quick coupling Single Shut-Off           Connection:         Hose barb 3mm LW(1/8")           Connection description:         Hose barb 3mm LW(1/8")           Connection type:         Hose barb 3mm LW(1/8")           Material:         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 body:         Brass nickel plated           Material valve:         Brass           Material valve:	Series long:	02KA
Advantages:  Compatibility:  RECTUS Design  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:  Connection:  Connection:  Connection description:  Hose barb 3mm LW(1/8°)  Connection type:  Brass nickel plated  Material barb allower type:  Brass nickel plated  Material barb allower type:  Brass nickel plated  Material spring snap ring:  stainless steel AISI 301  Material balls/pins:  Stainless steel AISI 301  Material balls/pins:  Stainless steel AISI 301  Material balls/pins:  Weight in kg:  O,002  Self-venting coupling:  No  Single-hand operation:  No  Single-hand operation:  No  No  Single-hand operation:  No  No  Single-hand operation:  No  No  Ves  Time-hand operation:  No  No  No  No  Pressure eliminator:  No  Pressure eliminator:  No  No  Presumatics:  No  No  Stainless teel AISI 400  No  No  No  Pressure eliminator:  No	Bore in mm:	1,5
Compatibility:  Working pressure:  ### Sacrous Design  ### Sacrous	Bore area in mm <sup>2</sup> :	1,8
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 Single Shut-Off Connection:  Hose barb 3mm LW(1/8")  Connection description:  Hose barb 3mm LW(1/8")  Hose barb 3mm LW(1/8")  Material:  Brass nickel plated  Material:  Brass nickel plated  Material description:  Sulface:  nickel plated  Material connection:  Brass nickel plated  Material valve body:  Material valve body:  Material sleeve:  Brass nickel plated  Material spring snap ring:  Material spring snap ring:  Material spring snap ring:  Material balls/pins:  Stainless steel AISI 301  Material balls/pins:  Stainless steel AISI 420  Material balls/pins:  Weight in kg:  0,002  Self-venting coupling:  No  Safety locking system:  No  Single-hand operation:  No  Ball locking:  Yes  Pin lock:  Witer-resistant:  Yes  Water-resistant:  Yes  Water-resistant:  Yes  Water all respiratory protection:  No  Pressure eliminator:  No  Pressure eliminator:  No  Presure eliminator:  No	Advantages:	One-hand operation. Extremely small dimensions.
working pressure:    factor 4 to 1.	Compatibility:	RECTUS Design
Working temperature: (EPDM) -15°C up to +200°C (FKM) depending on the medium.  Shut-Off: Quick coupling Single Shut-Off Connection: Hose barb 3mm LW(1/8") Connection description: Hose barb 3mm LW(1/8") Connection type: Hose barb 3mm LW(1/8") Material: Brass nickel plated Material description: Pass cuzn39Pb3 2.0401 (except sleeve) Seal description: Nitrite-butadiene rubber 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 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: No Safety locking system: No Safety locking system: No Single-hand operation: Yes Two-hand operation: Yes Timo-hand operation: No Ball locking: Yes Pin lock: No Ultra-FLO-valve: Yes Water-resistant: Yes Water-resistant: Yes Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Pressure eliminator: No Pneumatics: Yes Standard product: No	Working pressure:	
Connection: Hose barb 3mm LW(1/8") Connection description: Hose barb 3mm LW(1/8") Connection type: Hose barb 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 sleeve: Brass Material sleeve: Naterial seal: Neethorial seal: Perbunan® Weight in kg: Stainless steel AISI 301 Material balls/pins: Stainless steel AISI 420 Material seal: Perbunan® Weight in kg: 0,002 Self-venting coupling: No Safety locking system: No Single-hand operation: Yes Two-hand operation: Yes Two-hand operation: No Ball locking: Yes Pin lock: No Vacuum suitable: Yes Water-resistant: Yes Water-resistant: Yes Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Pressure eliminator: No Pressure eliminator: No Pressure eliminator: No Presumatics: Yes Standard product: No	Working temperature:	(EPDM) -15°C up to +200°C (FKM) depending on the
Connection description:  Connection type:  Material:  Brass nickel plated  Material description:  Seal description:  Material connection:  Brass CuZn39Pb3 2.0401 (except sleeve)  Nitrite-butadiene rubber  nickel plated  Material connection:  Brass nickel plated  Material valve body:  Brass nickel plated  Material sleeve:  No  Stainless steel AISI 301  Material sleeve:  No  Safely locking system:  No  Single-hand operation:  Yes  No  No  Wes  Presumanumanumanumanum  No  No  No  No  Hydraulics:  No  Presume eliminator:  No  Presume eliminator:  No  Presumatics:  Yes  Standard product:	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 valve body: Brass nickel plated  Material valve: Brass  Material sleeve: Brass nickel plated  Material sleeve: Brass nickel plated  Material sleeve: Brass nickel plated  Material sleeve: Brass  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: 0,002  Self-venting coupling: No  Safety locking system: No  Single-hand operation: Yes  Two-hand operation: Yes  Two-hand operation: No  Ball locking: Yes  Pin lock: No  Ultra-FLO-valve: No  Vacuum suitable: Yes  Water-resistant: Yes  Hat-sealing: No  Suitable breath / respiratory protection: No  Pressure eliminator: No  Pressure eliminator: No  Pressure eliminator: No  Preumatics: Yes  Standard product: No	Connection:	Hose barb 3mm LW(1/8")
Material:  Material:  Material description:  Seal description:  Surface:  Material connection:  Material valve body:  Material sleeve:  Material spring snap ring:  Material balls/pins:  Material seal:  Weight in kg:  Safety locking system:  No  Safety locking:  Two-hand operation:  Two-hand operation:  Mo  Ball locking:  Yes  Water-esistant:  Yes  Water-esistant:  Yes  Water-esistant:  Yes  Stainless rickel plated  Material yalve  Brass nickel plated  Material plated  Material sleeve:  Brass nickel plated  Material plated  Material sleeve:  Brass nickel plated  Material plated  Material sleeve:  Brass nickel plated  Material plated  Material plated  Material sleeve:  Brass nickel plated  Material plated  Material plated  Material plated  Material sleeve:  Brass nickel plated  Material plated  Material plated  Material plated  Material plated  Material plated  Material sleeve:  Brass nickel plated  Material plated  Material plated  Material plated  Material plated  Material plated  Material seale  Material seale  Meight in kg:  Stainless steel AISI 301  Mo  Stainless steel AISI 420  Mo  No  No  No  No  No  No  No  No  Pressure site in No  Pressure eliminator:  No  Pressure eliminator:  No  Presure eliminator:  No  Pressure eliminator:  No  Pressure eliminator:  No  No  Presure eliminator:  No  Pressure eliminator:  No  No  Pressure eliminator:  No  No  No  No  No  No  No  No  No  N	Connection description:	Hose barb 3mm LW(1/8")
Material description: Seal description: Nitrite-butadiene rubber Surface: nickel plated Material connection: Brass nickel plated Material valve body: Brass nickel plated Material seeve: Brass nickel plated Material seeve: Brass nickel plated Material valve: Brass nickel plated Material valve: Brass nickel plated Material valve: Brass nickel plated Material seeve: Brass nickel plated Material valve: Brass Material seal: Material spring snap ring: Stainless steel AISI 301 Material balls/pins: Stainless steel AISI 420 Material seal: Perbunan® Weight in kg: 0,002 Self-venting coupling: No Safety locking system: No Single-hand operation: Yes Two-hand operation: Yes Two-hand operation: No Ball locking: Yes Pin lock: No Ultra-FLO-valve: Vacuum suitable: Yes Water-resistant: Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Pressure eliminator: No Pneumatics: Yes Standard product: No	Connection type:	Hose barb
Seal description:  Nitrite-butadiene rubber  Surface:  nickel plated  Material connection:  Material valve body:  Material sleeve:  Material sleeve:  Material spring snap ring:  Material spring snap ring:  Material balls/pins:  Material seal:  Weight in kg:  O,002  Self-venting coupling:  No  Safety locking system:  No  Single-hand operation:  Two-hand operation:  Pressure sleiminator:  No  Suitable breath / respiratory protection:  No  Pressure eliminator:  No  No  Presumatics:  No  No  No  No  No  No  No  No  No  N	Material:	Brass nickel plated
Surface:  Material connection:  Material valve body:  Material sleeve:  Material sleeve:  Brass nickel plated  Material sleeve:  Brass sinckel plated  Material sleeve:  Brass sinckel plated  Material spring snap ring:  Stainless steel AISI 301  Material balls/pins:  Stainless steel AISI 420  Material seal:  Perbunan®  Weight in kg:  0,002  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:  Yes  Flat-sealing:  No  Suitable breath / respiratory protection:  No  Pressure eliminator:  No  Pneumatics:  Yes  Standard product:  No	Material description:	Brass CuZn39Pb3 2.0401 (except sleeve)
Material connection:  Material valve body:  Material sleeve:  Material sleeve:  Material spring snap ring:  Material seal:  Meterial seal:  Weight in kg:  Safely locking system:  No Single-hand operation:  Moleking:  Wall locking:  Waterial cok:  Weight in kg:  Safely locking system:  No Single-hand operation:  Weight in kg:  Weight in kg:  No Single-hand operation:  Yes  Two-hand operation:  No  Ball locking:  Yes  Ultra-FLO-valve:  No Vacuum suitable:  Yes  Water-resistant:  Yes  Flat-sealing:  No Suitable breath / respiratory protection:  No Pressure eliminator:  No Pneumatics:  Yes  Standard product:  No	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:  No Single-hand operation:  Two-hand operation:  Moe Ball locking:  Pin lock:  Ultra-FLO-valve:  Water-resistant:  Flat-sealing:  No Suitable breath / respiratory protection:  No Pressure eliminator:  Hydraulics:  Parsss  Brass nickel plated  Brass  No  No  Stainless steel AISI 301  No  No  Brass nickel plated  Brass  No  No  No  No  No  No  No  No  No	Surface:	nickel plated
Material sleeve:  Material valve:  Material spring snap ring:  Material spring snap ring:  Material balls/pins:  Stainless steel AISI 301  Material balls/pins:  Stainless steel AISI 420  Material seal:  Perbunan®  Weight in kg:  0,002  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:  Yes  Flat-sealing:  No  Suitable breath / respiratory protection:  No  Pressure eliminator:  No  Pneumatics:  Yes  Standard product:  No	Material connection:	Brass 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:  0,002  Self-venting coupling:  No  Safety locking system:  No  Single-hand operation:  Two-hand operation:  No  Ball locking:  Yes  Pin lock:  Ultra-FLO-valve:  No  Vacuum suitable:  Yes  Water-resistant:  Yes  Flat-sealing:  No  Suitable breath / respiratory protection:  No  Hydraulics:  No  Pneumatics:  Yes  Standard product:  No	Material valve body:	Brass nickel plated
Material spring snap ring:  Material balls/pins:  Material seal:  Perbunan®  Weight in kg:  O,002  Self-venting coupling:  No Safety locking system:  No Single-hand operation:  Two-hand operation:  No Ball locking:  Pin lock:  Ultra-FLO-valve:  No Vacuum suitable:  Yes  Water-resistant:  Flat-sealing:  Suitable breath / respiratory protection:  No Hydraulics:  No Pneumatics:  Standard product:  No  Stainless steel AISI 301  No  Perbunan®  No  No  No  No  No  Single-hand operation:  No  No  No  No  No  No  No  No  No  N	Material sleeve:	Brass nickel plated
Material balls/pins:  Material seal:  Perbunan®  O,002  Self-venting coupling:  No Safety locking system:  No Single-hand operation:  Two-hand operation:  Pin lock:  Ultra-FLO-valve:  Vacuum suitable:  Vas  Water-resistant:  Flat-sealing:  Suitable breath / respiratory protection:  Hydraulics:  No Pneumatics:  Yes  Standard product:  Stainless steel AISI 420  Perbunan®  No O,002  No	Material valve:	Brass
Material seal:  Weight in kg:  O,002  Self-venting coupling:  No  Safety locking system:  No  Single-hand operation:  Two-hand operation:  Pes  Pin lock:  Ultra-FLO-valve:  Vacuum suitable:  Ves  Water-resistant:  Flat-sealing:  No  Suitable breath / respiratory protection:  Hydraulics:  No  Pressure eliminator:  No  No  No  No  No  No  No  No  No  N	Material spring snap ring:	stainless steel AISI 301
Weight in kg:  Self-venting coupling:  No Safety locking system:  No Single-hand operation:  Two-hand operation:  No Ball locking:  Pin lock:  Ultra-FLO-valve:  Vacuum suitable:  Yes  Water-resistant:  Flat-sealing:  No Suitable breath / respiratory protection:  Hydraulics:  No Pressure eliminator:  No Pneumatics:  Yes  Standard product:  No	Material balls/pins:	Stainless steel AISI 420
Self-venting coupling:  Safety locking system:  No Single-hand operation:  Two-hand operation:  Pin lock:  Ultra-FLO-valve:  Vacuum suitable:  Ves Water-resistant:  Flat-sealing:  Suitable breath / respiratory protection:  Hydraulics:  No Pneumatics:  Yes Standard product:  No	Material seal:	Perbunan®
Safety locking system:  Single-hand operation:  Two-hand operation:  No  Ball locking:  Pin lock:  No  Ultra-FLO-valve:  Vacuum suitable:  Ves  Water-resistant:  Flat-sealing:  Suitable breath / respiratory protection:  No  Pressure eliminator:  No  Phydraulics:  No  Standard product:  No  No  No  No  No  No  No  No  No  N	Weight in kg:	0,002
Single-hand operation:  Two-hand operation:  Ball locking:  Pin lock:  Ultra-FLO-valve:  Vacuum suitable:  Ves  Water-resistant:  Flat-sealing:  Suitable breath / respiratory protection:  No  Pressure eliminator:  No  Phydraulics:  No  Pneumatics:  Yes  Standard product:  No  No  No  No  No  No  No  No  No  N	Self-venting coupling:	No
Two-hand operation:  Ball locking:  Pin lock:  No  Ultra-FLO-valve:  Vacuum suitable:  Ves  Water-resistant:  Flat-sealing:  Suitable breath / respiratory protection:  Pressure eliminator:  Hydraulics:  No  Pneumatics:  Yes  Standard product:  No	Safety locking system:	No
Ball locking:         Yes           Pin lock:         No           Ultra-FLO-valve:         No           Vacuum suitable:         Yes           Water-resistant:         Yes           Flat-sealing:         No           Suitable breath / respiratory protection:         No           Pressure eliminator:         No           Hydraulics:         No           Pneumatics:         Yes           Standard product:         No	Single-hand operation:	Yes
Pin lock:         No           Ultra-FLO-valve:         No           Vacuum suitable:         Yes           Water-resistant:         Yes           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:         Yes           Flat-sealing:         No           Suitable breath / respiratory protection:         No           Pressure eliminator:         No           Hydraulics:         No           Pneumatics:         Yes           Standard product:         No	Ball locking:	Yes
Vacuum suitable:  Water-resistant:  Yes  Flat-sealing:  No  Suitable breath / respiratory protection:  No  Pressure eliminator:  Hydraulics:  No  Pneumatics:  Yes  Standard product:  No	Pin lock:	No
Water-resistant: Yes Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Hydraulics: No Pneumatics: Yes Standard product: No	Ultra-FLO-valve:	No
Flat-sealing:  Suitable breath / respiratory protection:  No  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:	Yes
Pressure eliminator:  Hydraulics:  No  Pneumatics:  Yes  Standard product:  No	Flat-sealing:	No
Hydraulics: No Pneumatics: Yes Standard product: No	Suitable breath / respiratory protection:	No
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:	3 mm
D mm:	6,5
L mm:	22
L1 mm:	5,5
SW mm:	6