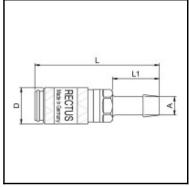
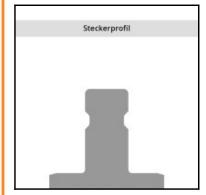


## Datasheet of 20KFTF03MPN Quick coupling with hose barb N D U S T







## Description

Quick coupling straight-through, hose barb 3mm (1/8), nominal diameter 2,7, <35 bar, brass nickel plated, seal NBR

Mini industrial coupling with internationally used profile. Frequent use in medical technology and chemistry/pharmacy. Coupling system with single-hand operation. High flow despite small dimensions plus many applications with a variety of medio.

## **Details**

Series long: Bore in mm: Bore area in mm²: 6 Bore in mm: 2,7 Bore area in mm²: 6 Rectus 91 Working pressure:  Working pressure:	Series:	20
Bore in mm:		
Bore area in mm²: Advantages: One-hand operation. Small dimensions. Compatibility: RECTUS 91 Working pressure: 35 bar maximum static working pressure with safety factor 4 to 120°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 Straight-Through Connection: Hose barb 3mm LW(1/8") Connection description: 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 connection: Brass nickel plated Material valve body: Brass nickel plated Material sleeve: Brass nickel plated Material spring snap ring: Material seal: Perbunan® Weight in kg: Quo88 Self-venting coupling: No Single-hand operation: No Ball locking: Yes Press Pin No Ultra-FLO-valve: No Ultra-FLO-valve: No Ultra-Fesistant: Yes Haterial pressure spring to the single-hand operation: No Pressure eliminator: No Pressure eliminato	-	
Advantages:  Compatibility:  RECTUS 91  Working pressure:  Working pressure:  Working temperature:  Working temperature:  Working temperature:  Working temperature:  Working temperature:  Working temperature:  Shut-Off:  Connection:  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 CuZn39Pb3 2.0401 (except sleeve)  Seal description:  Witrite-butadiene rubber  Material connection:  Brass nickel plated  Material valve body:  Brass nickel plated  Material sleeve:  Brass nickel plated  Material sleeve		,
Compatibility:  Working pressure:  ### Sacrous A to 1.  ### Compatibility:  ### Sacrous A to 1.  ### Compatibility:  ### Sacrous A to 1.  ### Sacrous A to 1		
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:  Hose barb 3mm LW(1/8")  Connection description:  Hose barb 3mm LW(1/8")  Connection type:  Hose barb 3mm LW(1/8")  Hose barb 3mm LW(1/8")  Material:  Brass nickel plated  Material description:  Surface:  Nitrite-butadiene rubber  nickel plated  Material connection:  Brass nickel plated  Material valve body:  Brass nickel plated  Material seeve:  Brass nickel plated  Material spring snap ring:  stainless steel AISI 301  Material balls/pins:  Stainless steel AISI 301  Material seal:  Perbunan®  Weight in kg:  0,0086  Self-venting coupling:  No  Safety locking system:  No  Ball locking:  Yes  Pin lock:  Ultra-FLO-valve:  Vacuum suitable:  Vasurderiansor:  No  Pressure eliminator:  No  Pressure eliminator:  No  Presumatics:  No  Presumatics:  No  Presumatics:  No  Presumatics:  No  No  Presumatics:  No  Pressure eliminator:  No  Presumatics:  Yes  Standard product:	0	'
Working pressure:  factor 4 to 1.  -20°C up to +100°C (NBR) -40°C up to +120/150°C (PPDM) -15°C up to +200°C (FKM) depending on the medium.  Shut-Off:  Quick coupling Straight-Through  Connection: Hose barb 3mm LW(1/8")  Connection description: Hose barb 3mm LW(1/8")  Connection type: Hose barb Brass nickel plated  Material: Brass nickel plated  Material description: Nitrite-butadiene rubber  Surface: nickel plated  Material valve body: Brass nickel plated  Material spring snap ring: Material spring snap ring: Material spring snap ring: Material seleve: Brass nickel plated  Material seleve: Brass nickel plated  Material spring snap ring: Material seles steel AISI 301  Material sels! Perbunan®  Veight in kg: 0,0086  Self-venting coupling: No Safety locking system: No Single-hand operation: Yes Two-hand operation: No  Hose  Weight in kg: Ves Pin lock: No Ultra-FLO-valve: Vacuum suitable: Yes Water-resistant: Yes Flat-sealing: No Pressure eliminator: No Pressure eliminator: No Pressure eliminator: No Presure eliminator: N	Compatibility:	
Working temperature:  Shut-Off: Connection: Connection: Hose barb 3mm LW(1/8") Connection type: Hose barb 3mm LW(1/8") Connection type: Hose barb 3mm LW(1/8") Connection type: Material: Brass nickel plated Material description: Nitrite-butadiene rubber Surface: nickel plated Material onnection: Brass nickel plated Material over the description: Brass nickel plated Material onnection: 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 seal: Perbunan® Weight in kg: O,0086 Self-venting coupling: No Single-hand operation: Yes Two-hand operation: No Ball locking: Yes Pin lock: No Ultra-FLO-valve: Vacuum suitable: Yes Water-resistant: Yes Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Pneumatics: Yes Standard product: No Pneumatics: Yes Standard product: No	Working pressure:	factor 4 to 1.
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  Seal description: Brass nickel plated  Material connection: Brass nickel plated  Material connection: Brass nickel plated  Material valve body: Brass nickel plated  Material spring snap ring: 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: 0,0086  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  Flat-sealing: No  Suitable breath / respiratory protection: No  Pressure eliminator: No  Pressure eliminator: No  Pneumatics: Yes  Standard product: No	Working temperature:	(EPDM) -15°C up to +200°C (FKM) depending on the
Connection description:  Connection type:  Hose barb  Material:  Brass nickel plated  Material description:  Seal description:  Nitrite-butadiene rubber  Surface:  nickel plated  Material connection:  Brass nickel plated  Material connection:  Brass nickel plated  Material connection:  Brass nickel plated  Material seleve:  Brass nickel plated  Material sleeve:  Brass nickel plated  Material sleeve:  Brass nickel plated  Material sleeve:  Brass nickel plated  Material seleve:  Brass nickel plated  Material seleve:  Brass nickel plated  Material seleve:  Brass nickel plated  Material sleeve:  Brass nickel plated  Material seleve:  Notaterial seleve:  No  Stainless steel AISI 301  Material seleve:  No  Self-venting coupling:  No  Self-venting coupling:  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  Pressure eliminator:  No  Pressure eliminator:  No  Presumatics:  Yes  Standard product:	Shut-Off:	Quick coupling Straight-Through
Connection type:  Material:  Material:  Brass nickel plated  Material description:  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:  Stainless steel AISI 301  Material balls/pins:  Stainless steel AISI 420  Material seal:  Perbunan®  Weight in kg:  0,0086  Self-venting coupling:  No  Safety locking system:  No  Single-hand operation:  Two-hand operation:  Two-hand operation:  No  Ball locking:  Yes  Pin lock:  No  Ultra-FLO-valve:  Vacuum suitable:  Yes  Water-resistant:  Yes  Flat-sealing:  No  Pressure eliminator:  No  Pressure eliminator:  No  Pneumatics:  Yes  Standard product:  No  No  No  No  Pneumatics:  Yes  Standard product:  No  No  No  No  No  No  No  No  No  N	Connection:	Hose barb 3mm LW(1/8")
Material:  Material description:  Brass CuZn39Pb3 2.0401 (except sleeve)  Seal description:  Nitrite-butadiene rubber  nickel plated  Material connection:  Material valve body:  Material spring snap ring:  Material spring snap ring:  Material balls/pins:  Material balls/pins:  Meterial seal:  Weight in kg:  Sef-venting coupling:  No  Safety locking system:  No  Single-hand operation:  Two-hand operation:  Two-hand operation:  Mo  Ultra-FLO-valve:  Water-esistant:  Flat-sealing:  No  Suitable breath / respiratory protection:  No  Pressure eliminator:  No  Pneumatics:  Yes  Standard product:  No  No  No  No  Presure eliminator:  No  Presumatics:  Yes  Standard product:  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 Nitrite-butadiene rubber Surface: nickel plated Material connection: Brass nickel plated Material valve body: Brass nickel plated Material sleeve: Brass 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: 0,0086 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: Vacuum suitable: Yes Water-resistant: Yes Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Pneumatics: Yes Standard product: No	Connection type:	Hose barb
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 Single-hand operation:  Two-hand operation:  No Ball locking:  Pin lock:  Ultra-FLO-valve:  Water-resistant:  Pessure eliminator:  No Surface:  No No Surface:  No No Suitable breath / respiratory protection:  No Pressure eliminator:  No Pneumatics:  Yes Standard product:  No No Material seal:  Perbunan®  No Stainless steel AISI 420  Material seal:  Perbunan®  No Stainless steel AISI 420  Moesting-lated operation  No No Safety locking system:  No No No Single-hand operation:  Yes  No	Material:	Brass nickel plated
Surface:  Material connection:  Material valve body:  Material sleeve:  Material spring snap ring:  Material seal:  Weight in kg:  Safety locking system:  No Single-hand operation:  Molultra-FLO-valve:  Vacuum suitable:  Vaterial seal:  Ves Water-resistant:  Ves Stanless steel AlSI 301  No Surface:  No Surface:  No No Surface:  No Single-hand operation:  No Surface:	Material description:	Brass CuZn39Pb3 2.0401 (except sleeve)
Material connection:  Material valve body:  Material sleeve:  Material spring snap ring:  Material spring snap ring:  Material seal:  Meight in kg:  Self-venting coupling:  No Single-hand operation:  Two-hand operation:  Ball locking:  Pin lock:  Ultra-FLO-valve:  Water-resistant:  Flat-sealing:  No Suitable breath / respiratory protection:  No Pressure eliminator:  Hydraulics:  Parss nickel plated  Brass nickel plated  Bras nickel plated  Brass nickel plated  Brass nickel plated  Brass nickel plated  Bras nicke plated  Bras nicke plated  Bras nicke plated  Bras n	Seal description:	Nitrite-butadiene rubber
Material valve body:  Material sleeve:  Material spring snap ring:  Material spring snap ring:  Material balls/pins:  Material seal:  Perbunan®  Weight in kg:  Safety locking system:  No Single-hand operation:  Two-hand operation:  Ball locking:  Pin lock:  Ultra-FLO-valve:  Water-resistant:  Flat-sealing:  No Suitable breath / respiratory protection:  No Pressure eliminator:  No Pneumatics:  Yes  Standard product:  Material seal:  Brass nickel plated  No  No  Seitales steel AISI 301  No  Seitales steel AISI 420  No  No  Brass nickel plated  Brass nickel plated  Brass nickel plated  Brass nickel plated  No  No  No  No  No  No  No  No  Pressure eliminator:  No  No  Pressure eliminator:  No  No  No  Pressure eliminator:  No  No  No  No  Pressure eliminator:  No  No  No  No  Pressure eliminator:  No  No  No  No  No  No  No  No  No  N	Surface:	nickel plated
Material sleeve:  Material spring snap ring:  Material spring snap ring:  Material balls/pins:  Stainless steel AISI 301  Material seal:  Perbunan®  Weight in kg:  0,0086  Self-venting coupling:  No  Safety locking system:  No  Single-hand operation:  Two-hand operation:  No  Ball locking:  Pin lock:  No  Ultra-FLO-valve:  Wacuum suitable:  Yes  Water-resistant:  Yes  Hat-sealing:  No  Suidable breath / respiratory protection:  No  Pressure eliminator:  No  Pneumatics:  Yes  Standard product:  No	Material connection:	Brass nickel plated
Material spring snap ring:       stainless steel AISI 301         Material balls/pins:       Stainless steel AISI 420         Material seal:       Perbunan®         Weight in kg:       0,0086         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         Hydraulics:       No         Pneumatics:       Yes         Standard product:       No	Material valve body:	Brass nickel plated
Material balls/pins:  Material seal:  Perbunan®  Weight in kg:  0,0086  Self-venting coupling:  No  Safety locking system:  No  Single-hand operation:  Two-hand operation:  Pes  Pin lock:  Ultra-FLO-valve:  Vacuum suitable:  Yes  Water-resistant:  Flat-sealing:  Suitable breath / respiratory protection:  No  Pressure eliminator:  No  Presure eliminator:  No  Pneumatics:  Yes  Standard product:  No  No  Stainless steel AISI 420  Perbunan®  No  0,0086  No  No  Ves  No  No  No  No  No  No  No  No  No  N	Material sleeve:	Brass nickel plated
Material seal:  Weight in kg:  O,0086  Self-venting coupling:  No  Safety locking system:  No  Single-hand operation:  Two-hand operation:  Pes  Pin lock:  Ultra-FLO-valve:  Vacuum suitable:  Yes  Water-resistant:  Flat-sealing:  Suitable breath / respiratory protection:  No  Hydraulics:  No  Pressure eliminator:  No  Pressure eliminator:  Yes  Standard product:  No  O,0086  No  No  No  No  No  Suitable breath / respiratory protection:  No  Pressure eliminator:  No  Pressure eliminator:  No  No  Pressure eliminator:  No  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:  Ball locking:  Pin lock:  Ultra-FLO-valve:  Vacuum suitable:  Yes  Water-resistant:  Flat-sealing:  Suitable breath / respiratory protection:  Hydraulics:  No Pressure eliminator:  No Pneumatics:  Yes  Standard product:  No  No  No  No  No  No  No  No  No  N	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:         Yes           Flat-sealing:         No           Suitable breath / respiratory protection:         No           Pressure eliminator:         No           Hydraulics:         No           Pneumatics:         Yes           Standard product:         No	Material seal:	Perbunan®
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           Hydraulics:         No           Pneumatics:         Yes           Standard product:         No	Weight in kg:	0,0086
Single-hand operation:  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:  Pneumatics:  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:  Yes  Water-resistant:  Flat-sealing:  Suitable breath / respiratory protection:  Pressure eliminator:  Hydraulics:  Pneumatics:  Standard product:  No  No  No  No  No  No  No  No  No  N	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:  Flat-sealing:  Suitable breath / respiratory protection:  No  Pressure eliminator:  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
Pressure eliminator:  Hydraulics:  No  Pneumatics:  Yes  Standard product:  No	Suitable breath / respiratory protection:	No
Pneumatics: Yes Standard product: No		No
Pneumatics: Yes Standard product: No	Hydraulics:	No
· ·		Yes
· ·	Standard product:	No
	Mould coupling:	No

## Dimensions

Connection A:	3 mm
D mm:	10
L mm:	35
L1 mm:	13