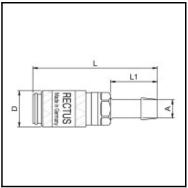
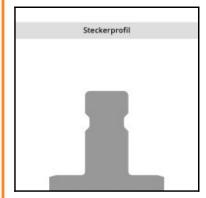


## Datasheet of 20KFTF04MPN Quick coupling with hose barb N D U S T







## Description

Quick coupling straight-through, hose barb 4mm (3/16), 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: Bore area area in mm²: Bore area in mm²: Bore area in mm²: Bore area area area in mm²: Bore area area area area area area area a	Series:	20
Bore in mm:   2,7		
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 +100°C (FPDM) -15°C up to +100°C (FMM) depending on the medium.  Shut-Off: Quick coupling Straight-Through Connection: Hose barb 4mm LW(3/16°) Connection description: Hose barb 4mm LW(3/16°) Connection type: Hose barb 4mm LW(3/16°) 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 seleve: Brass nickel plated Brass nickel plated Brass nickel plated Brass	Š	
Advantages:  Compatibility:  RECTUS 91  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 Straight-Through  Connection:  Hose barb 4mm LW(3/16°)  Connection type:  Hose barb 4mm LW(3/16°)  Connection type:  Hose barb 4mm LW(3/16°)  Connection type:  Material:  Brass nickel plated  Material description:  Surface:  nickel plated  Material connection:  Brass nickel plated  Material valve body:  Brass nickel plated  Material sleeve:  Brass nickel plated  Material spring snap ring:  stainless steel AISI 301  Material balls/pins:  Stainless steel AISI 420  Material seal:  Perbunan®  Weight in kg:  0,0089  Self-venting coupling:  No  Safety locking system:  No  Single-hand operation:  No  Ball locking:  Yes  Pin lock:  No  Ultra-FLO-valve:  Yes  Pin lock:  No  Vacuum suitable:  Yes  Pin lock:  No  Pressure eliminator:  No  Pressure standard product:  No		,
Compatibility:  Working pressure:  ### Sach and August 15 of August 16		
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 Straight-Through  Connection: Hose barb 4mm LW(3/16°)  Connection description: Hose barb 4mm LW(3/16°)  Connection type: Hose barb 4mm LW(3/16°)  Hose barb 4mm LW(3/16°)  Brass nickel plated  Material: Brass nickel plated  Material description: Nitrite-butadiene rubber nickel plated  Material connection: Brass nickel plated  Material valve body: Brass nickel plated  Material seleve: Brass nickel plated  Material sleeve: Brass nickel plated  Material sleeve: Brass nickel plated  Material balls/pins: Stainless steel AISI 301  Material balls/pins: Stainless steel AISI 301  Material seal: Perbunan®  Weight in kg: 0,0089  Self-venting coupling: No  Safety locking system: No  Single-hand operation: Yes  Pin lock: No  Ultra-FLO-valve: No  Vacuum suitable: Yes  Plat-sealing: No  Suitable breath / respiratory protection: No  Pressure eliminator: No  Pressure eliminator: No  Presumatics: Yes  Standard product: No	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 4mm LW(3/16°)  Connection description: Hose barb 4mm LW(3/16°)  Connection type: Hose barb 4mm LW(3/16°)  Material description: Brass nickel plated  Material description: Nitrite-butadiene rubber  Surface: Nitrite-butadiene rubber  Material valve body: Brass nickel plated  Material spring snap ring: 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: Q,0089  Self-venting coupling: No Safety locking system: No Single-hand operation: No Ball locking: Yes Pin lock: No Ultra-FLO-valve: Vacuum suitable: Wes Water-resistant: Yes Flat-sealing: No Pressure eliminator: No Pressure eliminator: No Presure eliminator: No Pneumatics: Yes Standard product: No Pneumatics: Yes Standard product: No	Compatibility:	
Working temperature:  Shut-Off: Connection: Connection: Hose barb 4mm LW(3/16") Connection type: Hose barb 4mm LW(3/16") Connection type: Hose barb 4mm LW(3/16") Connection type: Material: Brass nickel plated Material description: Nitrite-butadiene rubber Surface: 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 seal: Weight in kg: O,0089 Self-venting coupling: No Single-hand operation: Yes Two-hand operation: No Ultra-FLO-valve: Vacuum suitable: Wes yes Water-resistant: Yes Water-resistant: Yes Values: No Pressure eliminator: No Pressure eliminator: No Pneumatics: Yes Standard product: No Pneumatics: Yes Standard product: No Pneumatics: Yes Standard product: No	Working pressure:	factor 4 to 1.
Connection: Hose barb 4mm LW(3/16") Connection description: Hose barb 4mm LW(3/16") 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 seleve: Brass nickel plated Material spring snap ring: stainless steel AISI 301 Material spring snap ring: stainless steel AISI 301 Material spring snap ring: Stainless steel AISI 420 Material seal: Perbunan® Weight in kg: 0,0089 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: 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:  Inickel plated  Material connection:  Brass nickel plated  Material valve body:  Material valve body:  Brass nickel plated  Material sleeve:  Brass nickel plated  Material sleeve:  Brass nickel plated  Material sleeve:  Brass nickel plated  Material spring snap ring:  Stainless steel AISI 301  Material balls/pins:  Material balls/pins:  Stainless steel AISI 420  Material seal:  Perbunan®  Weight in kg:  0,0089  Self-venting coupling:  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:  Suitable breath / respiratory protection:  No  Pressure eliminator:  No  Pressure eliminator:  No  Pneumatics:  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 balls/pins:  Stainless steel AISI 301  Material balls/pins:  Stainless steel AISI 420  Material seal:  Perbunan®  Weight in kg:  O,0089  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:  Suitable breath / respiratory protection:  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 4mm LW(3/16")
Material:  Material description:  Brass nickel plated  Material description:  Seal description:  Nitrite-butadiene rubber  nickel plated  Material connection:  Material connection:  Material valve body:  Material sleeve:  Material spring snap ring:  Material spring snap ring:  Material balls/pins:  Stainless steel AISI 301  Material seal:  Perbunan®  Weight in kg:  0,0089  Self-venting coupling:  No  Safety locking system:  No  Single-hand operation:  Two-hand operation:  Two-hand operation:  Mo  Ultra-FLO-valve:  Vacuum suitable:  Wes  Water-resistant:  Flat-sealing:  No  Suitable breath / respiratory protection:  No  Pressure eliminator:  No  Pneumatics:  Yes  Standard product:  No  No  No  No  No  No  Pressure eliminator:  No  Pneumatics:  Yes  Standard product:  No  No  No  No  No  No  No  No  No  N	Connection description:	Hose barb 4mm LW(3/16")
Material description: Seal description: 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: 0,0089 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:  Mo Ball locking:  Witra-FLO-valve:  Water-resistant:  Pessure eliminator:  No Suitable breath / respiratory protection:  Pressure eliminator:  No Pressure eliminator:  No Presumatics:  Yes Standard product:  No  No  Material seal:  Perbunan®  No Stainless steel AISI 420  Material seal:  Perbunan®  No Stainless steel AISI 420  No O,0089  Stainless steel AISI 420  No Oor Stainless steel AISI 420  No No Safety locking system:  No No No Safety locking system:  No No No Single-hand operation:  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:  Molutra-FLO-valve:  Ultra-FLO-valve:  Vacuum suitable:  Vaterial spring snap ring:  No Suitable breath / respiratory protection:  Pressure eliminator:  No Presumatics:  No Preumatics:  No Preumatics:  No Pressure eliminator:  No Pressure eliminator  No Pressure eliminato	Material description:	Brass CuZn39Pb3 2.0401 (except sleeve)
Material connection:  Material valve body:  Material sleeve:  Material spring snap ring:  Material spring snap ring:  Material spring snap ring:  Material seal:  Meight in kg:  Self-venting coupling:  No  Safety locking system:  Single-hand operation:  Two-hand operation:  Brass nickel plated  Material seal steel AISI 301  Material seal:  Perbunan®  No  Safety locking system:  No  Single-hand operation:  Yes  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  Pressure eliminator:  No  Presumatics:  Yes  Standard product:  No	Seal description:	Nitrite-butadiene rubber
Material valve body:  Material sleeve:  Material spring snap ring:  Material spring snap ring:  Material balls/pins:  Material seal:  Meight 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:  Water-resistant:  Flat-sealing:  No  Suitable breath / respiratory protection:  No  Pressure eliminator:  No  Presumatics:  Yes  Standard product:  No  Material seal:  Brass nickel plated  No  No  Self-ventines steel AISI 301  No  No  Brasuna®  No  Brasuna®  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:  0,0089  Self-venting coupling:  No  Safety locking system:  No  Single-hand operation:  Two-hand operation:  No  Ball locking:  Pin lock:  No  Ultra-FLO-valve:  Water-resistant:  Yes  Water-resistant:  Yes  Flat-sealing:  No  Suitable breath / respiratory protection:  No  Hydraulics:  No  Pneumatics:  Yes  Standard product:  No	Material connection:	Brass nickel plated
Material spring snap ring:  Material balls/pins:  Stainless steel AISI 301  Material seal:  Perbunan®  Weight in kg:  O,0089  Self-venting coupling:  No  Safety locking system:  No  Single-hand operation:  Two-hand operation:  No  Ball locking:  Pin lock:  No  Ultra-FLO-valve:  Vacuum suitable:  Yes  Water-resistant:  Yes  Flat-sealing:  No  Suitable breath / respiratory protection:  No  Hydraulics:  No  Pneumatics:  Yes  Standard product:  No  Stainless steel AISI 301  No  No  Perbunan®  No  No  No  No  No  No  No  No  Sigle-Align  No  No  No  No  No  No  No  No  No  N	Material valve body:	Brass nickel plated
Material balls/pins:  Material seal:  Perbunan®  Weight in kg:  0,0089  Self-venting coupling:  No  Safety locking system:  No  Single-hand operation:  Two-hand operation:  Pes  Pin lock:  Ultra-FLO-valve:  Vacuum suitable:  Vac	Material sleeve:	Brass nickel plated
Material seal:  Weight in kg:  O,0089  Self-venting coupling:  No  Safety locking system:  No  Single-hand operation:  Two-hand operation:  Pes  Pin lock:  Ultra-FLO-valve:  Vacuum suitable:	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:  Pin lock:  Ultra-FLO-valve:  Vacuum suitable:  Vacuum suitable:  Vater-resistant:  Flat-sealing:  Suitable breath / respiratory protection:  No Hydraulics:  No Pressure eliminator:	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:	0,0089
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:  Yes  Pin lock:  No  Ultra-FLO-valve:  No  Vacuum suitable:  Yes  Water-resistant:  Flat-sealing:  No  Suitable breath / respiratory protection:  Pressure eliminator:  No  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:         Yes           Water-resistant:         Yes           Flat-sealing:         No           Suitable breath / respiratory protection:         No           Pressure eliminator:         No           Hydraulics:         No           Pneumatics:         Yes           Standard product:         No	Pin lock:	No
Water-resistant:  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:	4 mm
D mm:	10
L mm:	35
L1 mm:	13