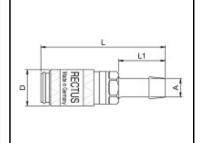
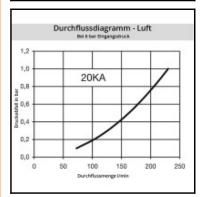
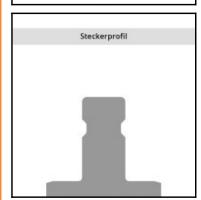
Datasheet of 20KATF03MPX Quick coupling with hose barb^{INDUS}











Description

Quick coupling single shut-off, hose barb 3mm (1/8), nominal diameter 2,7, <35 bar, brass, 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.

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Details

Series long: 20KA Bore in mm: 2,7 Bore area in mm*: 6 Advantages: One-hand operation. Small dimensions. Compatibility: RECTUS 91 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 3mm LW(1/8") Connection description: Hose barb 3mm LW(1/8") Connection description: Brass Material description: Brass CuZn39Pb3 2.0401 (except sleeve) Seal description: Brass Material connection: Brass Material connection: Brass Material scence: Brass Material scence: Brass Material serve: Brass Material spring snap ring: Stainless steel AISI 301 Material spring snap ring: Stainless steel AISI 420 Material serve: No Single-hand operation: Yes Material serve: No Single-hand operation: No Single-hand operation: Yes Pin lock: No Vatar-resistant:<	Series:	20	
Bore in mm: 2,7 Bore area in mm?: 6 Advantages: One-hand operation. Small dimensions. Compatibility: RECTUS 91 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 couping Single Shut-Off Connection description: Hose barb 3mm LW(1/8°) Connection type: Hose barb 3mm LW(1/8°) Connection type: Hose barb Material Brass Material description: Brass CuZn39Pb3.2.0401 (except sleeve) Seal description: Nitrite-butaldene rubber Surface: blank finish Material valve body: Brass Material valve: Brass Material valve: Brass Material valve: Brass Material balls/pins: Stainless steel AISI 301 Material balls/pins: Stainless steel AISI 420 Material balls/pins: No Single-hand operation: Yes Two-hand operation: Yes Pin lock: <td></td> <td></td>			
Bore area in mm ² : 6 Advantages: One-hand operation. Small dimensions. Compatibility: RECTUS 91 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 3mm LW(1/8°) Connection description: Hose barb 3mm LW(1/8°) Connection description: Brass Material description: Brass CuZn39Pb3 2.0401 (except sleeve) Seal description: Brass Material connection: Brass Material avalve body: Brass Material valve body: Brass Material sleve: Brass Material serie: Brass Material valve: Brass Material serie: Perbunan@ Material serie: 0.009 Self-venting coupling: No Safety locking system: No Single-hand operation: Yes Pin lock: No Water-resistant: Yes <			
Advantages: One-hand operation: Small dimensions. Compatibility: RECTUS 91 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 3mm LW(1/8°) Connection description: Hose barb 3mm LW(1/8°) Connection description: Brass S Material description: Brass CuZn39Pb3 2.0401 (except sleeve) Seal description: Nitrite-butadiene rubber Surface: blank finish Material sourction: Brass Material serve: Brass Material serve: Brass Material spring snap ring: Stainless steel AISI 301 Material spring snap ring: Stainless steel AISI 200 Material spring snap ring: No Safety locking system: No Safety locking system: No Safety locking system: No Suitable breath / respiratory protection: No Suitable breath / respiratory protection: No <t< td=""><td></td><td></td></t<>			
Compatibility: RECTUS 91 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 (FKM) depending on the medium. -20°C up to +100°C (NBR) -40°C up to +120/150°C (PEM) -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 Material description: Brass Cu2n39Pb3 2.0401 (except sleeve) Seal description: Nitrite-butadiene rubber Surface: blank finish Material connection: Brass Material valve body: Brass Material sleeve: Brass Material sleeve: Brass Material spring snap ring: stainless steel AISI 301 Material seal: Perbunan® Weight in kg: 0,009 Safety locking system: No Single-hand operation: Yes Pin lock: No Vater-resistant: Yes			
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 3mm LW(1/8") Connection description: Hose barb 3mm LW(1/8") Connection type: Hose barb 3mm LW(1/8") Material Brass Material description: Brass CuZn39Pb3 2.0401 (except sleeve) Seal description: Brass Surface: blank finish Material connection: Brass Material avalve body: Brass Material sleeve: Brass Material sleeve: Brass Material ballsrpins: Stainless steel AISI 301 Material ballsrpins: Stainless steel AISI 420 Material ballsrpins: Stainless steel AISI 420 Material seal: Perbunan® Weight in kg: 0,009 Self-venting coupling: No Single-hand operation: No Sale locking: Yes Pin lock: No <td></td> <td>· · · · · · · · · · · · · · · · · · ·</td>		· · · · · · · · · · · · · · · · · · ·	
Working pressure: factor 4 to 1. 20°C up to +100°C (NBR) -40°C up to +120/150°C Working temperature: 20°C up to +100°C (NBR) -40°C up to +120/150°C Shut-Off: Quick coupling Single Shut-Off Connection description: Hose barb 3mm LW(1/8") Connection description: Hose barb 3mm LW(1/8") Connection description: Brass Material: Brass Material description: Brass CuZn39Pb3 2.0401 (except sleeve) Seal description: Nitrite-butadiene rubber Surface: blank finish Material valve body: Brass Material valve: Brass Material valve: Brass Material valve: Brass Material balls/pins: Stainless steel AISI 301 Material balls/pins: Stainless steel AISI 420 Material seal: Perbunan® Weight in kg: 0,009 Self-venting coupling: No Safety locking system: No Safety locking system: No Safety locking system: No Suitable: Yes </td <td></td> <td>35 bar maximum static working pressure with safety</td>		35 bar maximum static working pressure with safety	
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 3rm LW(1/8") Connection description: Hose barb 3rm LW(1/8") Connection type: Hose barb Material description: Brass Material description: Brass CuZn39Pb3 2.0401 (except sleeve) Seal description: Nitrite-butadiene rubber Surface: blank finish Material description: Brass Material description: Brass Material sleeve: Brass Material sleeve: Brass Material sleeve: Brass Material seleve: Brass Material balls/pins: 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 Vacuum suitable: Yes Flat-sealing: No	Working pressure:		
Connection: Hose barb 3mm LW(1/8") Connection description: Hose barb 3mm LW(1/8") Connection type: Hose barb Material: Brass Material description: Brass CuZn39Pb3 2.0401 (except sleeve) Seal description: Nitrite-butadiene rubber Surface: blank finish Material connection: Brass Material valve body: Brass Material sleeve: Brass Material spring snap ring: stainless steel AISI 301 Material balls/pins: Stainless steel AISI 420 Material spring snap ring: stainless steel AISI 420 Material spring: No Safety locking system: No Single-hand operation: Yes Two-hand operation: Yes Pin lock: No Vacuum suitable: Yes Water-resistant: Yes Flat-sealing: No Suitable breath / respiratory protection: No Suitable breath / respiratory protection: No Pressure eliminator: No Pressure eliminator: No Press	Working temperature:	(EPDM) -15°C up to +200°C (FKM) depending on the	
Connection description: Hose barb 3mm LW(1/8") Connection type: Hose barb Material: Brass Material description: Brass CuZn39Pb3 2.0401 (except sleeve) Seal description: Nitrite-butadiene rubber Surface: blank finish Material connection: Brass Material connection: Brass Material connection: Brass Material valve body: Brass Material sleeve: Brass Material slesving snap ring: stainless steel AISI 301 Material seal: Perbunan® Weight in kg: 0,009 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 Flat-sealing: No Suitable breath / respiratory	Shut-Off:	Quick coupling Single Shut-Off	
Connection type:Hose barbMaterial:BrassMaterial description:Brass CuZn39Pb3 2.0401 (except sleeve)Seal description:Nitrite-butadiene rubberSurface:blank finishMaterial connection:BrassMaterial valve body:BrassMaterial sleeve:BrassMaterial sleeve:BrassMaterial spring snap ring:stainless steel AISI 301Material balls/pins:Stainless steel AISI 420Material sleael:Perbunan®Weight in kg:0,009Self-venting coupling:NoSingle-hand operation:YesTwo-hand operation:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesWaterial bils:YesPin lock:NoParter-resistant:YesFlat-sealing:NoSuitable breath / respiratory protection:NoPresure eliminator:NoPresure eliminator:Yes	Connection:	Hose barb 3mm LW(1/8")	
Material: Brass Material description: Brass CuZn39Pb3 2.0401 (except sleeve) Seal description: Nitrite-butadiene rubber Surface: blank finish Material connection: Brass Material valve body: Brass Material sleeve: Brass Material spring snap ring: stainless steel AISI 301 Material spring snap ring: Stainless steel AISI 420 Material seal: Perbunan® Weight in kg: 0,009 Safety locking system: No Single-hand operation: Yes Two-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 Suitable breath / respiratory protection: No Pressure eliminator: No Pressure eliminator: No Pressure eliminator: No Pressure eliminator: No	Connection description:	Hose barb 3mm LW(1/8")	
Material description:Brass CuZn39Pb3 2.0401 (except sleeve)Seal description:Nitrite-butadiene rubberSurface:blank finishMaterial connection:BrassMaterial valve body:BrassMaterial valve body:BrassMaterial sleeve:BrassMaterial valve:BrassMaterial sleeve:BrassMaterial sleeve:Stainless steel AISI 301Material sleeve:NoSleft-venting coupling:NoSafety locking system:NoSingle-hand operation:YesTwo-hand operation:YesTwo-hand operation:NoBall locking:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesVater-resistant:YesFlat-sealing:NoSuitable breath / respiratory protection:NoPresure eliminator:<	Connection type:	Hose barb	
Seal description: Nitrite-butadiene rubber Surface: blank finish Material connection: Brass Material valve body: Brass Material sleeve: Brass Material seleve: Brass Material seleve: Brass Material balls/pins: Stainless steel AISI 301 Material seal: Perbunan® Weight in kg: 0,009 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 Vacuum suitable: Yes Flat-sealing: No Suitable breath / respiratory protection: No Presure elim	Material:	Brass	
Surface:blank finishMaterial connection:BrassMaterial valve body:BrassMaterial sleeve:BrassMaterial sleeve:BrassMaterial valve:BrassMaterial spring snap ring:stainless steel AISI 301Material balls/pins:Stainless steel AISI 301Material seal:Perbunan®Weight in kg:0,009Self-venting coupling:NoSafety locking system:NoSingle-hand operation:YesTwo-hand operation:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesFlat-sealing:NoSuitable breath / respiratory protection:NoPressure eliminator:NoPressure eliminator:NoPressure eliminator:NoPressure eliminator:NoPressure eliminator:NoPressure start:YesStandard product:Yes	Material description:	Brass CuZn39Pb3 2.0401 (except sleeve)	
Material connection:BrassMaterial connection:BrassMaterial valve body:BrassMaterial sleeve:BrassMaterial spring snap ring:stainless steel AISI 301Material spring snap ring:Stainless steel AISI 420Material seal:Perbunan®Weight in kg:0,009Self-venting coupling:NoSafety locking system:NoSingle-hand operation:YesTwo-hand operation:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesFlat-sealing:NoSuitable breath / respiratory protection:NoPressure eliminator:NoPressure eliminator:NoPressure eliminator:NoPressure eliminator:NoPressure eliminator:NoPressure eliminator:NoPressure eliminator:YesStandard product:Yes	Seal description:	Nitrite-butadiene rubber	
Material valve body:BrassMaterial sleeve:BrassMaterial sleeve:BrassMaterial spring snap ring:stainless steel AISI 301Material spring snap ring:Stainless steel AISI 420Material seal:Perbunan®Weight in kg:0,009Self-venting coupling:NoSafety locking system:NoSingle-hand operation:YesTwo-hand operation:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesFlat-sealing:NoSuitable breath / respiratory protection:NoSuitable breath / respiratory protection:NoPressure eliminator:NoPressure eliminator:NoPressure eliminator:NoPressure eliminator:NoPressure eliminator:NoPressure eliminator:NoPressure eliminator:YesStandard product:Yes	Surface:	blank finish	
Material sleeve:BrassMaterial valve:BrassMaterial spring snap ring:stainless steel AISI 301Material balls/pins:Stainless steel AISI 420Material seal:Perbunan®Weight in kg:0,009Self-venting coupling:NoSafety locking system:NoSingle-hand operation:YesTwo-hand operation:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesFlat-sealing:NoSuitable breath / respiratory protection:NoSuitable breath / respiratory protection:NoPressure eliminator:NoHydraulics:YesStandard product:Yes	Material connection:	Brass	
Material valve:BrassMaterial spring snap ring:stainless steel AISI 301Material balls/pins:Stainless steel AISI 420Material seal:Perbunan®Weight in kg:0,009Self-venting coupling:NoSafety locking system:NoSingle-hand operation:YesTwo-hand operation:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesVater-resistant:YesFlat-sealing:NoSuitable breath / respiratory protection:NoPressure eliminator:NoHydraulics:NoPneumatics:YesStandard product:Yes	Material valve body:	Brass	
Material spring snap ring:stainless steel AISI 301Material sal:Perbunan®Weight in kg:0,009Self-venting coupling:NoSafety locking system:NoSingle-hand operation:YesTwo-hand operation:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesFlat-sealing:NoSuitable breath / respiratory protection:NoPressure eliminator:NoPressure eliminator:YesStandard product:Yes	Material sleeve:	Brass	
Material balls/pins:Stainless steel AISI 420Material seal:Perbunan®Weight in kg:0,009Self-venting coupling:NoSafety locking system:NoSingle-hand operation:YesTwo-hand operation:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesWater-resistant:YesFlat-sealing:NoSuitable breath / respiratory protection:NoPressure eliminator:NoHydraulics:NoPreumatics:YesStandard product:Yes	Material valve:	Brass	
Material seal:Perbunan®Weight in kg:0,009Self-venting coupling:NoSafety locking system:NoSingle-hand operation:YesTwo-hand operation:NoBall locking:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesWater-resistant:YesFlat-sealing:NoSuitable breath / respiratory protection:NoPressure eliminator:NoHydraulics:NoPneumatics:YesStandard product:Yes	Material spring snap ring:	stainless steel AISI 301	
Weight in kg:0,009Self-venting coupling:NoSafety locking system:NoSingle-hand operation:YesTwo-hand operation:NoBall locking:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesWater-resistant:YesFlat-sealing:NoSuitable breath / respiratory protection:NoPressure eliminator:NoHydraulics:NoPneumatics:YesStandard product:Yes	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: Yes	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: Yes	Weight in kg:	0,009	
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: Yes	Self-venting coupling:	No	
Two-hand operation:NoBall locking:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesWater-resistant:YesFlat-sealing:NoSuitable breath / respiratory protection:NoPressure eliminator:NoHydraulics:NoPneumatics:YesStandard product:Yes	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: Yes	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: Yes	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: Yes	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: Yes	Pin lock:	No	
Water-resistant: Yes Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Hydraulics: No Pneumatics: Yes Standard product: Yes	Ultra-FLO-valve:	No	
Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Hydraulics: No Pneumatics: Yes Standard product: Yes	Vacuum suitable:	Yes	
Suitable breath / respiratory protection: No Pressure eliminator: No Hydraulics: No Pneumatics: Yes Standard product: Yes	Water-resistant:	Yes	
Pressure eliminator: No Hydraulics: No Pneumatics: Yes Standard product: Yes	Flat-sealing:	No	
Hydraulics: No Pneumatics: Yes Standard product: Yes	Suitable breath / respiratory protection:	No	
Pneumatics: Yes Standard product: Yes	Pressure eliminator:	No	
Standard product: Yes	Hydraulics:	No	
	Pneumatics:	Yes	
Mould coupling:	Standard product:	Yes	
	Mould coupling:	No	

Dimensions

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