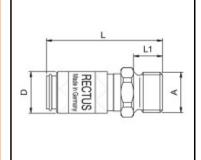
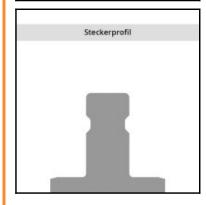
## Datasheet of 20KFAM05MPX Quick coupling with male thread D U S T







## Description

Quick coupling straight-through, male thread M 5, 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.

RIE

## Details

Series long:       20KF         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 Straight-Through         Connection description:       Male thread M 5         Connection description:       Male thread M 5         Connection description:       Brass         Material description:       Brass Cu2039Pb3 2.0401 (except sleeve)         Sal description:       Nitrite-butadiene rubber         Surface:       blank finish         Material valve body:       Brass         Material spring snap ring:       stainless steel AISI 301         Material spring snap ring:       Stainless steel AISI 420         Material spring snap ring:       No         Safety locking system:       No         Safety locking system:       No         Single-hand operation:       Yes         Pin lock:       No         Vacuum suitable:       Yes <t< th=""><th>Series:</th><th>20</th></t<>	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.         -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:       Male thread M 5         Connection description:       Male thread M 5         Connection type:       Male thread         Material:       Brass         Material:       Brass         Material description:       Nitrite-butadiene rubber         Surface:       blank finish         Material some       Brass         Material seve:       Brass         Material seve:       Brass         Material seve:       Brass         Material sels:       Perbunan@         Weight in kg:       0,0085         Self-venting coupling:       No         Single-hand operation:       Yes         Two-hand operation:       Yes         Pin lock:       No         Ultra-FLO-valve:       No         Material seling:		
Bore area in mm <sup>3</sup> :       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 Straight-Through         Connection:       Male thread M 5         Connection description:       Male thread M 5         Connection type:       Male thread M 5         Material description:       Brass         Material description:       Brass CuZn39Pb3 2.0401 (except sleeve)         Saface:       blank finish         Material connection:       Brass         Material avice body:       Brass         Material solue:       Brass         Material sleeve:       Brass         Material spring snap ring:       Stainless steel AISI 301         Material splins:       Stainless steel AISI 420         Material splins:       No         Safety locking system:       No         Safety locking system:       No         Safety locking system:       No         Suitable breath / respiratory protection:       No	5	
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 Straight-Through         Connection:       Male thread M 5         Connection type:       Male thread M 5         Connection type:       Male thread         Material:       Brass         Surface:       blank finish         Material description:       Brass CuZn39Pb3 2.0401 (except sleeve)         Seal description:       Nitrite-butadiene rubber         Surface:       blank finish         Material valve body:       Brass         Material sleeve:       Brass         Material sleeve:       Brass         Material slewing:       0.0085         Self-venting coupling:       No         Single-hand operation:       Yes         Pin lock:       No         Waight in kg:       Yes         Pin lock:       No         Waight in kg:       Yes         Pin lock:       No         Safety locking system:		
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 (EPDM) -15°C up to +200°C (FKM) depending on the medium.           Shut-Off:         Quick coupling Straight-Through           Connection:         Male thread M 5           Connection description:         Male thread           Material:         Brass           Material description:         Nitrite-butadiene rubber           Surface:         blank finish           Material seve:         Brass           Material seve:         Brass           Material seve:         Brass           Material seve:         Brass           Material sells/pins:         Stainless steel AISI 301           Material seal:         Perbunan®           Weight in kg:         0,0085           Self-venting coupling:         No           Safety locking system:         No		
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 Straight-Through           Connection:         Male thread M 5           Connection description:         Male thread M 5           Connection description:         Male thread           Material         Brass           Material description:         Brass CuZn39Pb3 2.0401 (except sleeve)           Seal description:         Nitrite-butadiene rubber           Surface:         blank finish           Material sleeve:         Brass           Material seal:         Perbunan®           Weight in kg:         0.0085           Self-venting coupling:         No           Safety locking system:         No           Safety locking system:         No           Ball locking:         Yees           Pin lock:         No           Vacuum suitable:         Yees           Pin lock:		
working pressure:       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 description:       Male thread metric DIN 13 M 5         Connection type:       Male thread metric DIN 13 M 5         Connection type:       Male thread         Material       Brass         Material description:       Brass CuZn39Pb3 2.0401 (except sleeve)         Seal description:       Nitrite-butadiene rubber         Surface:       blank finish         Material soncetion:       Brass         Material seleve:       Brass         Material seleve:       Brass         Material seleve:       Brass         Material sels:       Perbunan®         Weight in kg:       0,0085         Self-venting coupling:       No         Single-hand operation:       Yees         Two-hand operation:       No         Bal locking:		
Working temperature:       (EPDM) -15°C up to +200°C (FKM) depending on the medium.         Shut-Off:       Quick coupling Straight-Through         Connection       Male thread M 5         Connection description:       Male thread metric DIN 13 M 5         Connection type:       Male thread         Material       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 body:       Brass         Material spring snap ring:       stainless steel AISI 301         Material spring snap ring:       Stainless steel AISI 420         Material seal:       Perbunan®         Weight in kg:       0,0085         Self-venting coupling:       No         Safety locking system:       No         Safety locking system:       No         Ball locking:       Yes         Pin lock:       No         Ultra-FLO-valve:       Yes         Vacuum suitable:       Yes         Flat-sealing:       No         Suitable breath / respiratory protection:       No <t< td=""><td>Working pressure:</td><td>factor 4 to 1.</td></t<>	Working pressure:	factor 4 to 1.
Connection:Male thread M 5Connection description:Male thread metric DIN 13 M 5Connection type:Male threadMaterial:BrassMaterial description:Brass CuZn39Pb3 2.0401 (except sleeve)Seal description:Nitrite-butadiene rubberSurface:blank finishMaterial valve body:BrassMaterial sleeve:BrassMaterial sleeve:BrassMaterial sleeve:BrassMaterial balls/pins:Stainless steel AISI 301Material balls/pins:Stainless steel AISI 420Material seal:Perbunan®Weight in kg:0,0085Self-venting coupling:NoSingle-hand operation:YesTwo-hand operation:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesVacuum suitable:YesPinatox:NoSuitable breath / respiratory protection:NoPressure eliminator:NoPressure eliminator:No <td< td=""><td>Working temperature:</td><td>(EPDM) -15°C up to +200°C (FKM) depending on the</td></td<>	Working temperature:	(EPDM) -15°C up to +200°C (FKM) depending on the
Connection description:Male thread metric DIN 13 M 5Connection type:Male threadMaterial:BrassMaterial description:Brass CuZn39Pb3 2.0401 (except sleeve)Seal description:Nitrite-butadiene rubberSurface:blank finishMaterial connection:BrassMaterial valve body:BrassMaterial sleeve:BrassMaterial seal:Perbunan®Weight in kg:0,0085Self-venting coupling:NoSafet locking system:NoSingle-hand operation:YesTwo-hand operation:NoBall locking:YesPin lock:NoUtra-FLO-valve:NoVacuum suitable:YesFlat-sealing:NoSuitable breath / respiratory protection:NoPressure eliminator:NoPressure eliminator:NoPressure eliminator:NoPresure eliminator:NoPresure eliminator:NoPneumatics:YesStandard product:No	Shut-Off:	Quick coupling Straight-Through
Connection type:Male threadMaterial:BrassMaterial description:Brass CuZn39Pb3 2.0401 (except sleeve)Seal description:Nitrite-butadiene rubberSurface:blank finishMaterial connection:BrassMaterial valve body:BrassMaterial sleeve:BrassMaterial spring snap ring:stainless steel AISI 301Material slesve:BrassMaterial salls/pins:Stainless steel AISI 420Material seal:Perbunan®Weight in kg:0,0085Self-venting coupling:NoSingle-hand operation:YesTwo-hand operation:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesWater-resistant:YesFlat-sealing:NoSuitable breath / respiratory protection:NoPin lock:NoSuitable breath / respiratory protection:NoPressure eliminator:NoPineumatics:YesStandard product:No	Connection:	Male thread M 5
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 valve body:       Brass         Material sleeve:       Brass         Material spring snap ring:       stainless steel AISI 301         Material balls/pins:       Stainless steel AISI 420         Material seal:       Perbunan®         Weight in kg:       0,0085         Self-venting coupling:       No         Safety locking system:       No         Single-hand operation:       Yes         Two-hand operation:       Yes         Pin lock:       No         Ultra-FLO-valve:       No         Vacum suitable:       Yes         Vater-resistant:       Yes         Flat-sealing:       No         Suitable breath / respiratory protection:       No         Pressure eliminator:       No         Pressure eliminator:       No         Presure eliminator:       No         Presure eliminator:       No         Presure eliminator	Connection description:	Male thread metric DIN 13 M 5
Material description:Brass CuZn39Pb3 2.0401 (except sleeve)Seal description:Nitrite-butadiene rubberSurface:blank finishMaterial connection:BrassMaterial valve body:BrassMaterial sleeve:BrassMaterial seleve:BrassMaterial seleve:BrassMaterial seal:Perbunan®Weight in kg:0,0085Self-venting coupling:NoSafety locking system:NoSingle-hand operation:YesTwo-hand operation:YesPin lock:NoUltra-FLO-valve:NoVacum suitable:YesVater-resistant:YesFlat-sealing:NoSuitable breath / respiratory protection:NoSuitable breath / respiratory protection:NoPressure eliminator:NoHydraulics:YesStandard product:No	Connection type:	Male thread
Seal description:       Nitrite-butadiene rubber         Surface:       blank finish         Material connection:       Brass         Material valve body:       Brass         Material sleeve:       Brass         Material sleeve:       Brass         Material sleeve:       Brass         Material sleeve:       Brass         Material spring snap ring:       stainless steel AISI 301         Material balls/pins:       Stainless steel AISI 420         Material seal:       Perbunan®         Weight in kg:       0,0085         Self-venting coupling:       No         Safety locking system:       No         Single-hand operation:       Yes         Two-hand operation:       Yes         Pin lock:       No         Ball locking:       Yes         Pin lock:       No         Vdacum suitable:       Yes         Vacuum suitable:       Yes         Flat-sealing:       No         Suitable breath / respiratory protection:       No         Pressure eliminator:       No         Hydraulics:       No         Pneumatics:       Yes         Standard product:       No	Material:	Brass
Surface:blank finishMaterial connection:BrassMaterial valve body:BrassMaterial sleeve:BrassMaterial spring snap ring:stainless steel AISI 301Material balls/pins:Stainless steel AISI 420Material seal:Perbunan®Weight in kg:0,0085Self-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:No <tr< td=""><td>Material description:</td><td>Brass CuZn39Pb3 2.0401 (except sleeve)</td></tr<>	Material description:	Brass CuZn39Pb3 2.0401 (except sleeve)
Material connection:BrassMaterial connection:BrassMaterial solve body:BrassMaterial sleeve:BrassMaterial spring snap ring:stainless steel AISI 301Material balls/pins:Stainless steel AISI 420Material seal:Perbunan®Weight in kg:0,0085Self-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:NoPressure elimi	Seal description:	Nitrite-butadiene rubber
Material valve body:BrassMaterial sleeve:BrassMaterial spring snap ring:stainless steel AISI 301Material spring snap ring:Stainless steel AISI 420Material seal:Perbunan®Weight in kg:0,0085Self-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:No <td>Surface:</td> <td>blank finish</td>	Surface:	blank finish
Material sleeve:BrassMaterial spring snap ring:stainless steel AISI 301Material balls/pins:Stainless steel AISI 420Material seal:Perbunan®Weight in kg:0,0085Self-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:NoPneumatics:YesStandard product:No	Material connection:	Brass
Material spring snap ring:stainless steel AISI 301Material balls/pins:Stainless steel AISI 420Material seal:Perbunan®Weight in kg:0,0085Self-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:NoHydraulics:NoPneumatics:YesStandard product:No	Material valve body:	Brass
Material balls/pins:Stainless steel AISI 420Material seal:Perbunan®Weight in kg:0,0085Self-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:NoHydraulics:NoPoeumatics:YesStandard product:No	Material sleeve:	Brass
Material seal:Perbunan®Weight in kg:0,0085Self-venting coupling:NoSafety locking system:NoSingle-hand operation:YesTwo-hand operation:NoBall locking:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesFlat-sealing:NoSuitable breath / respiratory protection:NoPressure eliminator:NoHydraulics:NoPneumatics:YesStandard product:No	Material spring snap ring:	stainless steel AISI 301
Weight in kg:0,0085Self-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: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:       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: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:No	Weight in kg:	0,0085
Single-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:No	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:No	Safety locking system:	No
Ball locking:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesWater-resistant:YesWater-resistant:YesFlat-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:     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         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:     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:     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:	Yes
Pressure eliminator:     No       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:	M 5
D mm:	10
L mm:	26
L1 mm:	5
SW mm:	9