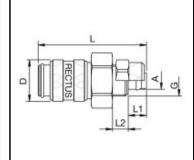
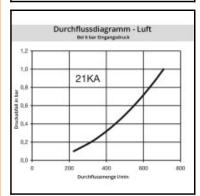
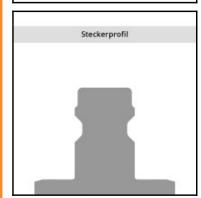
## Datasheet of 21KAKO06MPX Quick coupling with male thread D U S T











## Description

Quick coupling single shut-off, with hose nut 4 x 6 mm, nominal diameter 5, <35 bar, brass, seal NBR

Mini industrial coupling with the world's most popular profile in this nominal diameter. Above average flow performance for liquid and gaseous medio. Coupling system with single-hand operation. Small dimensions and large band width in materials and valve variants.

RIE

## Details

Series long:       21KA         Bore in mm:       5         Bore area in mm <sup>3</sup> :       20         Advantages:       One-hand operation. Small dimensions. All variants are compatible.         Compatibility:       RECTUS 90         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) 0°C up to +316°C (FFKM) depending on the medium.         Shut-Off:       Quick coupling Single Shut-Off         Connection:       with tube nut 4 x 6 mm         Connection description:       With ube nut 4 x 6 mm         Connection description:       Brass         Material description:       Brass         Surface:       blank finish         Material connection:       Brass         Material valve body:       Brass         Material sleeve:       Brass         Material slead:       Perbunan®         Weight in kg:       0,032         Self-venting coupling:       No         Safety locking system:       No <th>Series:</th> <th>21</th>	Series:	21
Bore in mm:       5         Bore area in mm?:       20         Advantages:       One-hand operation. Small dimensions. All variants are compatible.         Compatibility:       RECTUS 90         Working pressure:       35 bar maximum static working pressure with safety factor 4 to 1.         Vorking temperature:       -20°C up to +100°C (NBR) -40°C up to +120/150°C (EFKM) depending on the medum.         Shut-Off:       Quick coupling Single Shut-Off         Connection description:       with tube nut 4 x 6 mm         Connection description:       with tube nut 4 x 6 mm         Connection description:       Brass         Material description:       Brass Cu2n39Pb3 2.0401 (except sleeve)         Seal description:       Nitrite-butadiene rubber         Surface:       blank finish         Material valve body:       Brass         Material valve body:       Brass         Material valve       Brass         Material valve:       Brass         Material serie:       Brass         Material valve:       Brass         Material valve:       Brass         Material valve:       Brass         Material serie:       Perbunan®         Veight in kg:       0.032         Self-venting coupling:       No <td></td> <td></td>		
Bore area in mm <sup>2</sup> :       20         Advantages:       One-hand operation. Small dimensions. All variants are compatible.         Compatibility:       RECTUS 90         Working pressure:       35 bar maximum static working pressure with safety factor 4 to 1.         Yorking temperature:       -20°C up to +100°C (NBR) -40°C up to +120/150°C (FFKM) depending on the medium.         Shut-Off:       Quick coupling Single Shut-Off         Connection:       with tube nut 4 x 6 mm         Connection description:       with tube nut 4 x 6 mm         Connection type:       Connection nut         Material       Brass         Material description:       Nitrite-butadiene rubber         Surface:       blank finish         Material somection:       Brass         Material somection:       No <td></td> <td></td>		
Advantages:         One-hand operation. Small dimensions. All variants are compatible.           Compatibility:         RECTUS 90           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) 0°C up to +120/150°C (EPDM) -15°C up to +200°C (FKM) 0°C up to +316°C (FFKM) depending on the medium.           Shut-Off:         Quick coupling Single Shut-Off           Connection:         with tube nut 4 x 6 mm           Connection description:         with tube nut 4 x 6 mm           Connection type:         Connection nut           Material         Brass           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 selseve:         Brass           Material selseve:         Brass           Material sels/ping:         Stainless steel AISI 301           Material sels/ping:         0,032           Self-venting coupling:         No           Safety locking system:         No           Single-hand operat		
Advantages:       compatible.         Compatibility:       RECTUS 90         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 (EPEM) -15°C up to +200°C (FKM) 0°C up to +316°C (FFKM) depending on the medium.         Shut-Off:       Quick coupling Single Shut-Off         Connection description:       with tube nut 4 x 6 mm         Connection description:       with tube nut 4 x 6 mm         Connection description:       Brass         Connection description:       Brass         Connection of type:       Connection nut         Material       Brass         Material description:       Brass         Surface:       blank finish         Material valve body:       Brass         Material valve body:       Brass         Material valve:       Brass         Material sleeve:       Brass         Material balls/pins:       Stainless steel AISI 301         Material balls/pins:       Stainless steel AISI 420         Material seal:       Perbunan®         Weight in kg:       0.032         Self-venting coupling:       No         Safety locking system:       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) 0°C up to +316°C (FFKM) depending on the medium.           Shut-Off:         Quick coupling Single Shut-Off           Connection:         with tube nut 4 x 6 mm           Connection description:         Working temperature:           Material         Brass           Material         Brass           Material description:         Brass CuZn39Pb3 2.0401 (except sleeve)           Seal description:         Nitrite-butadiene rubber           Sufface:         blank finish           Material description:         Brass           Material solewe:         Brass           Material selewe:         Brass           Material balls/pins:         Stainless steel AISI 301           Material seal:         Perbunan@           Weight in kg:         0.032           Self-venting coupling:         No           Single-hand operation:         No           Single-hand operation:         <	Advantages:	
Working pressure:       factor 4 to 1. <ul> <li>factor 4 to 1.</li> <li>20°C up to +100°C (NBR) -40°C up to +120/150°C</li> <li>(EPDM) -15°C up to +200°C (FKM) 0°C up to +316°C</li> <li>(EFKM) depending on the medium.</li> </ul> Shut-Off:     Quick coupling Single Shut-Off           Connection description:         with tube nut 4 x 6 mm           Connection type:         Connection nut           Material description:         Brass           Connection type:         Connection nut           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:         0.032           Self-venting coupling:         No           Safety locking system:         No           Safety locking system:         No           Safety locking:         Yes           Pin lock:         No           Vacuum suitable:	Compatibility:	RECTUS 90
Working temperature:       (EPDM) -15°C up to +200°C (FKM) 0°C up to +316°C (FFKM) depending on the medium.         Shut-Off:       Quick coupling Single Shut-Off         Connection       with tube nut 4 x 6 mm         Connection type:       Connection nut         Material:       Brass         Material description:       Brass CuZn39Pb3 2.0401 (except sleeve)         Seal description:       Brass         Surface:       blank finish         Material valve body:       Brass         Material valve body:       Brass         Material sleeve:       Brass         Material sleeve:       Brass         Material valve       Brass         Material sleeve:       Brass         Material sleeve:       Brass         Material sleeve:       Brass         Material slespring snap ring:       stainless steel AISI 301         Material seal:       Perbunan®         Weight in kg:       0,032         Self-venting coupling:       No         Single-hand operation:       Yes         Two-hand operation:       Yes         Pin lock:       No         Utra-FLO-valve:       No         Vacuum suitable:       Yes         Pin lock:       No	Working pressure:	, , , , , , , , , , , , , , , , , , ,
Connection:with tube nut 4 x 6 mmConnection description:with tube nut 4 x 6 mmConnection type:Connection nutMaterial:BrassMaterial description:Brass CuZn39Pb3 2.0401 (except sleeve)Seal description:Nitrite-butadiene rubberSurface:blank finishMaterial valve body:BrassMaterial valve body:BrassMaterial valve body:BrassMaterial sleeve:BrassMaterial sleeve:BrassMaterial sleeve:BrassMaterial sleeve:BrassMaterial sleeve:BrassMaterial sleeve:BrassMaterial seal:Perbunan®Weight in kg:0,032Self-venting coupling:NoSafety locking system:NoSingle-hand operation:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesPin lock:NoVacuum suitable:YesPiat-sealing:NoSuitable breath / respiratory protection:NoPresure eliminator:NoPresure eliminator:NoPresu	Working temperature:	(EPDM) -15°C up to +200°C (FKM) 0°C up to +316°C
Connection description:       with tube nut 4 x 6 mm         Connection type:       Connection nut         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 valve body:       Brass         Material sleeve:       Brass         Material valve:       Brass         Material sleeve:       Brass         Material valve:       Brass         Material selseve:       Brass         Material selseve:       Brass         Material selseve:       Brass         Material selseve:       Brass         Material seal:       Perbunan®         Weight in kg:       0,032         Self-venting coupling:       No         Safety locking system:       No         Safety locking system:       No         Ball locking:       Yes         Pin lock:       No         Ultra-FLO-valve:       No         Vacuum suitable:       Yes      <	Shut-Off:	Quick coupling Single Shut-Off
Connection type:Connection nutMaterial: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 seal:Perbunan®Weight in kg:0,032Self-venting coupling:NoSafety locking system:NoSingle-hand operation:YesTwo-hand operation:YesPin lock:NoUltra-FLO-valve:NoVater-resistant:YesFlat-sealing:NoSuitable breath / respiratory protection:NoPressure eliminator:NoPressure el	Connection:	with tube nut 4 x 6 mm
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 valve:       Brass         Material valve:       Brass         Material sleeve:       Brass         Material valve:       Brass         Material valve:       Brass         Material seave:       Brass         Material seave:       Brass         Material seave:       Perbunan®         Weight in kg:       0,032         Self-venting coupling:       No         Safety locking system:       No         Single-hand operation:       Yees         Two-hand operation:       Yees         Pin lock:       No         Ultra-FLO-valve:       No         Vacuum suitable:       Yees         Vater-resistant:       Yees         Flat-sealing:       No         Suitable breath / respiratory protection:       No         P	Connection description:	with tube nut 4 x 6 mm
Material description:Brass CuZn39Pb3 2.0401 (except sleeve)Seal description:Nitrite-butadiene rubberSurface:blank finishMaterial connection:BrassMaterial valve body:BrassMaterial sleeve:BrassMaterial sleeve:BrassMaterial valve:BrassMaterial sping snap ring:stainless steel AISI 301Material balls/pins:Stainless steel AISI 301Material seriePerbunan®Weight in kg:0.032Self-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 eliminat	Connection type:	Connection nut
Seal description:       Nitrite-butadiene rubber         Surface:       blank finish         Material connection:       Brass         Material valve body:       Brass         Material sleeve:       Brass         Material valve:       Brass         Material sleeve:       Brass         Material valve:       Brass         Material spring snap ring:       stainless steel AISI 301         Material seal:       Perbunan®         Weight in kg:       0,032         Self-venting coupling:       No         Single-hand operation:       Yes         Two-hand operation:       Yes         Pin lock:       No         Uttra-FLO-valve:       No         Vacuum suitable:       Yes         Water-resistant:       Yes         Flat-sealing:       No         Suitable breath / respiratory protection:       No         Pressure eliminator:       No	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:0,032Self-venting coupling:NoSafety locking system:NoSingle-hand operation:YesTwo-hand operation:YesPin lock:NoUltra-FLO-valve:YesVacuum suitable:YesWater-resistant:YesFlat-sealing:NoSuitable breath / respiratory protection:NoPressure eliminator:NoPressure eliminator:NoPressure eliminator:NoPressure eliminator:NoPressure eliminator:NoPressure eliminator:YesPressure eliminator:NoPressure eliminator:NoPreumatics: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 sal:Perbunan®Weight in kg:0,032Self-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:NoPressur	Seal description:	Nitrite-butadiene rubber
Material valve body:BrassMaterial valve body:BrassMaterial sleeve:BrassMaterial valve:BrassMaterial spring snap ring:stainless steel AISI 301Material balls/pins:Stainless steel AISI 420Material seal:Perbunan®Weight in kg:0,032Self-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:NoPreumatics: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:0,032Self-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:NoPreumatics:Yes	Material connection:	Brass
Material valve:BrassMaterial spring snap ring:stainless steel AISI 301Material salls/pins:Stainless steel AISI 420Material seal:Perbunan®Weight in kg:0,032Self-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:NoPreumatics:Yes	Material valve body:	Brass
Material spring snap ring:stainless steel AISI 301Material balls/pins:Stainless steel AISI 420Material seal:Perbunan®Weight in kg:0,032Self-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:NoPreumatics:Yes	Material sleeve:	Brass
Material balls/pins:       Stainless steel AISI 420         Material seal:       Perbunan®         Weight in kg:       0,032         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 protection:       No         Pressure eliminator:       No         Hydraulics:       No         Preumatics:       Yes	Material valve:	Brass
Material seal:       Perbunan®         Weight in kg:       0,032         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         Pressure size:       Yes	Material spring snap ring:	stainless steel AISI 301
Weight in kg:       0,032         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	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	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	Weight in kg:	0,032
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	Self-venting coupling:	No
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	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	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	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	Ball locking:	Yes
Vacuum suitable:     Yes       Water-resistant:     Yes       Flat-sealing:     No       Suitable breath / respiratory protection:     No       Pressure eliminator:     No       Hydraulics:     No       Pneumatics:     Yes	Pin lock:	No
Water-resistant:     Yes       Flat-sealing:     No       Suitable breath / respiratory protection:     No       Pressure eliminator:     No       Hydraulics:     No       Pneumatics:     Yes	Ultra-FLO-valve:	No
Flat-sealing:     No       Suitable breath / respiratory protection:     No       Pressure eliminator:     No       Hydraulics:     No       Pneumatics:     Yes	Vacuum suitable:	Yes
Suitable breath / respiratory protection:     No       Pressure eliminator:     No       Hydraulics:     No       Pneumatics:     Yes	Water-resistant:	Yes
Pressure eliminator:     No       Hydraulics:     No       Pneumatics:     Yes	Flat-sealing:	No
Hydraulics: No Pneumatics: Yes	Suitable breath / respiratory protection:	No
Pneumatics: Yes	Pressure eliminator:	No
	Hydraulics:	No
Standard product: Yes	Pneumatics:	Yes
	Standard product:	Yes
Mould coupling: No	Mould coupling:	No

## Dimensions

Connection A:	4 x 6 mm
D mm:	16
G mm:	M 10 x 1
L mm:	42
L1 mm:	7
L2 mm:	6
SW mm:	14