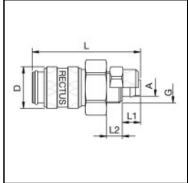
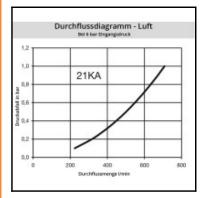
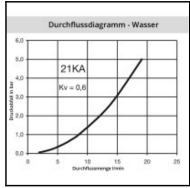


## Datasheet of 21KAKO06MVX Quick coupling with male thread D U S 1











## Description

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

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.

## Details

Series long:         21KA           Bore in mm:         5           Bore area in mm²:         20           Advantages:         One-hand operation. Small dimensions. All variants are compatible.           Compatibility:         RECTUS 90           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 +2200°C (FKM) 0°C up to +316°C (FFKM) depending on the medium.           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 description:         with tube nut 4 x 6 mm           Connection type:         Connection nut           Material:         Brass           Material:         Brass           Material description:         Fluororubber           Surface:         blank finish           Material valve body:         Brass           Material valve body:         Brass           Material valve body:         Brass           Material spring snap ring:         stainless steel AlSI 301           Material seal:         Viton®           Weight in kg:         0,0327           Self-venting coupling:	Cariaa	104
Bore in mm:  Bore area in mm?  20  Advantages:  Compatible.  Compatible.  Compatible.  Compatible.  Compatible.  RECTUS 90  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  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 × 6 mm  Connection type:  Connection with tube nut 4 × 6 mm  Connection type:  Connection brank finish  Material:  Brass  Material description:  Brass CuZn39Pb3 2.0401 (except sleeve)  Seal description:  Fluororubber  blank finish  Material valve body:  Brass  Material sleeve:	Series:	21
Bore area in mm²:  Advantages:  Compatibility:  RECTUS 90  Working pressure:  ### Compatibility:  Working pressure:  ### Compatibility:  Working pressure:  ### Compatibility:  ### Compatibility: ### Compatibility: ### Compatibility: ### Compatibility: ### Compatibility: ### Compatibility: ### Compatibility: ### Compatibility: ### Compatibility: ### Compatibility: ### Compatibility: ### Compatibility: ### Compatibility: ### Compatibility: ### Compatibility: ### Compatibility: ### Compatibility: ### Com		
Advantages:  One-hand operation. Small dimensions. All variants are compatible.  Compatibility:  RECTUS 90  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 +2200°C (FKM) 0°C up to +316°C (FFKM) depending on the medium.  Shut-Off:  Quick coupling Single Shut-Off  Connection:  with ube nut 4 x 6 mm  Connection description:  with tube nut 4 x 6 mm  Connection type:  Connection nut  Material:  Brass  Material description:  Brass (22/n39Pb3 2.0401 (except sleeve)  Fluororubber  Surface:  blank finish  Material valve body:  Brass  Material sleeve:  Brass  Material sleeve:  Brass  Material spring snap ring:  stainless steel AISI 301  Material spring snap ring:  stainless steel AISI 420  Material seal:  Weight in kg:  O.03227  Self-venting coupling:  No  Safety locking system:  No  Single-hand operation:  No  Ball locking:  Yes  Ves  Wateralies:  No  Sulitable breath / respiratory protection:  No  Pressure eliminator:  No  No  Pressure eliminator:  No  No  Pressure eliminator:  No  No  Pressure eliminator:  No  No  P		
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 (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 Cu2n39Pb3 2.0401 (except sleeve)  Seal description: Brass Material connection:  Buface: blank finish  Material connection: Brass  Material valve body: Brass  Material valve body: Brass  Material valve brass  Material valve: Brass  Material valve: Brass  Material spring snap ring: stainless steel AISI 301  Material spring snap ring: stainless steel AISI 420  Weight in kg: 0,0327  Self-venting coupling: No  Safety locking system: No  Single-hand operation: No  Ball locking: Yes  Pressure eliminator: No  Filat-sealing: No  Sutable breath / respiratory protection: No  Firesure eliminator: No  Presure eliminator: Yes  Standard product: Yes	Bore area in mm <sup>2</sup> :	
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 +1200°C (FKM) 0°C up to +316°C (FFKM) depending on the medium.   Shut-Off:	Advantages:	
working pressure: 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) 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 Brass Brass CuZn39Pb3 2.0401 (except sleeve) Seal description: Fluororubber Surface: blank finish Material valve body: Brass Material valve body: Brass Material valve: Brass Material sleeve: Brass Material spring snap ring: Stainless steel AISI 301 Material balls/pins: Material balls/pins: Weight in kg: 0.0327 Self-venting coupling: No Safety locking system: No Single-hand operation: Yes Pin lock: No Ultra-FLO-valve: Vacuum suitable: Ves Pressure eliminato: No Pressure eliminato: No Pressure eliminato: No Pressure eliminato: No Presure difference (FFKM) 0°C (RBR) -40°C up to +120/150°C (FFKM) 0°C up to +120/150°C (FFKM) depending  Duck to +120/150°C (FFKM) dependi	Compatibility:	RECTUS 90
Working temperature:  (EPDM) -15°C up to +200°C (FKM)) 0°C up to +316°C (FKM) 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:  Seal description:  Surface:  blank finish  Material connection:  Brass  Material connection:  Brass  Material valve body:  Brass  Material sleeve:  Brass  Material spring snap ring:  Material spring snap ring:  Material spling:  Stainless steel AISI 301  Material balls/pins:  Material seal:  Viton®  Weight in kg:  0,0327  Self-venting coupling:  No  Safety locking system:  No  Single-hand operation:  Yes  Two-hand operation:  No  Ball locking:  Yes  Weight / Yes  Weight / Yes  Water-resistant:  No  Surface:  No  Pressure eliminator:  No  Pressure eliminator:  No  Presure eliminator:  Yes  Standard product:  Yes  Standard product:  Yes  Standard product:  Yes  Standard product:  Yes	Working pressure:	factor 4 to 1.
Connection:  With tube nut 4 x 6 mm  Connection type:  Connection type:  Connection type:  Connection type:  Material:  Brass  Material description:  Seal description:  Surface:  blank finish  Material connection:  Brass  Material valve body:  Brass  Material valve:  Brass  Material sleeve:  Brass  Material sleeve:  Brass  Material sleeve:  Brass  Material sleeve:  Brass  Material spring snap ring:  stainless steel AISI 301  Material balls/pins:  Weight in kg:  Solf-venting coupling:  No  Safety locking system:  No  Single-hand operation:  Two-hand operation:  No  Ball locking:  Yes  Ves  Ultra-FLO-valve:  No  Vacuum suitable:  Yes  Ves  Pressure eliminator:  No  Pressure eliminator:  No  Presure eliminator:  No  Presumatics:  No  Presumatics:  Yes  Standard product:  Yes	Working temperature:	(EPDM) -15°C up to +200°C (FKM) 0°C up to +316°C
Connection description:  Connection type:  Connection nut  Material:  Brass  Material description:  Seal description:  Seal description:  Fluororubber  Surface:  blank finish  Material connection:  Brass  Material valve body:  Material sleeve:  Brass  Material sleeve:  Brass  Material spring snap ring:  Material spring snap ring:  Stainless steel AISI 301  Material balls/pins:  Stainless steel AISI 420  Material balls/pins:  No  Safety locking system:  No  Safety locking system:  No  Sall locking:  Yes  Prin lock:  No  Ultra-FLO-valve:  Water-resistant:  No  Suitable breath / respiratory protection:  Presure eliminator:  No  Presure eliminator:  Yes  Standard product:  Yes  Standard product:  Vision  No  No  No  No  No  No  No  No  No	Shut-Off:	Quick coupling Single Shut-Off
Connection type:  Material:  Brass  Material description:  Seal description:  Seal description:  Seal description:  Fluororubber  Surface:  blank finish  Material connection:  Material valve body:  Material sleeve:  Brass  Material sleeve:  Brass  Material sleeve:  Brass  Material spring snap ring:  Stainless steel AISI 301  Material balls/pins:  Material balls/pins:  Weight in kg:  O,0327  Self-venting coupling:  No  Safety locking system:  No  Single-hand operation:  Yes  Two-hand operation:  No  Ball locking:  Yes  Water-resistant:  No  Ultra-FLO-valve:  Water eliminator:  No  Presurre eliminator:  No  Presurre eliminator:  Yes  Standard product:  Yes	Connection:	with tube nut 4 x 6 mm
Material:  Material description:  Seal description:  Surface:  Material connection:  Material valve body:  Material sleeve:  Material sleeve:  Material sleeve:  Material sleeve:  Material spring snap ring:  Material balls/pins:  Material balls/pins:  Material seal:  Witon®  Weight in kg:  Safety locking system:  No  Single-hand operation:  Two-hand operation:  Two-hand operation:  Mo  Ball locking:  Press  Water-resistant:  No  Suitable breath / respiratory protection:  Pressure eliminator:  No  Pressure eliminator:  No  Presure eliminator:  Yes  Standard product:  Yes  Plenumatics:  Yes  Standard product:  Yes  Standard product:  Pisars  Brass  Brase  Brass  Brass  Brass  Brass  Brass  Brass  Brass  Brass  Brass	Connection description:	with tube nut 4 x 6 mm
Material description: Seal description: Fluororubber Surface: blank finish Material connection: Brass Material valve body: Brass Material seeve: Brass Material seve: Brass Material series: Brass Material seve: Witon® Material balls/pins: Viton® Viton® Weight in kg: 0,0327 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: No Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Pressure eliminator: No Pneumatics: Yes Standard product: Yes	Connection type:	Connection nut
Seal description:  Surface:  Surface:  Surface:  Material connection:  Material valve body:  Material sleeve:  Brass  Material sleeve:  Material spring snap ring:  Material spring snap ring:  Material balls/pins:  Stainless steel AISI 301  Material seal:  Viton®  Weight in kg:  0,0327  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:  Wes  Water-resistant:  No  Suitable breath / respiratory protection:  Pressure eliminator:  Hydraulics:  No  Pneumatics:  Yes  Standard product:  Yes	Material:	Brass
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 balls/pins: Stainless steel AISI 420 Material seal: Viton® Weight in kg: 0,0327 Self-venting coupling: No Safety locking system: No Single-hand operation: Yes Two-hand operation: Yes Jell locking: Yes Pin lock: No Ultra-FLO-valve: No Vaccum suitable: Yes Water-resistant: No Suitable breath / respiratory protection: No Pressure eliminator: No Presure eliminator: No Pneumatics: Yes Standard product: Yes Standard product: Yes Standard product: Yes	Material description:	Brass CuZn39Pb3 2.0401 (except sleeve)
Material connection:  Material valve body:  Material sleeve:  Material sleeve:  Material sleeve:  Material spring snap ring:  Material balls/pins:  Material balls/pins:  Material seal:  Witon®  Weight in kg:  Safety locking system:  No  Safety locking system:  No  Single-hand operation:  Two-hand operation:  No  Ball locking:  Pin lock:  Ultra-FLO-valve:  No  Water-resistant:  No  Suitable breath / respiratory protection:  Pressure eliminator:  Hydraulics:  No  Pneumatics:  Yes  Standard product:  Passs  Brass  Brase  Brass  Bra	Seal description:	Fluororubber
Material valve body:  Material sleeve:  Material sleeve:  Material spring snap ring:  Material balls/pins:  Material balls/pins:  Material seal:  Witon®  Weight in kg:  Safety locking system:  No Single-hand operation:  Two-hand operation:  Mo Ball locking:  Pin lock:  Witous  Weight in kg:  No  Safety locking system:  No  Single-hand operation:  No  Ball locking:  Yes  Pin lock:  No  Ultra-FLO-valve:  No  Water-resistant:  No  Flat-sealing:  No  Suitable breath / respiratory protection:  No  Pressure eliminator:  No  Pneumatics:  Yes  Standard product:  Yes	Surface:	blank finish
Material sleeve:  Material valve:  Material spring snap ring:  Material balls/pins:  Material balls/pins:  Stainless steel AISI 301  Material balls/pins:  Stainless steel AISI 420  Material seal:  Viton®  Weight in kg:  0,0327  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:  No  Flat-sealing:  No  Suitable breath / respiratory protection:  No  Pressure eliminator:  No  Pneumatics:  Yes  Standard product:  Yes	Material connection:	Brass
Material valve:  Material spring snap ring:  Material balls/pins:  Stainless steel AISI 301  Material seal:  Viton®  Weight in kg:  Self-venting coupling:  No  Safety locking system:  No  Single-hand operation:  Two-hand operation:  No  Ball locking:  Yes  Pin lock:  No  Ultra-FLO-valve:  No  Vacuum suitable:  Yes  Water-resistant:  No  Suitable breath / respiratory protection:  No  Pressure eliminator:  No  Pneumatics:  Yes  Standard product:  Yes  Standard product:  Yes	Material valve body:	Brass
Material spring snap ring:         stainless steel AISI 301           Material balls/pins:         Stainless steel AISI 420           Material seal:         Viton®           Weight in kg:         0,0327           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:         No           Flat-sealing:         No           Suitable breath / respiratory protection:         No           Pressure eliminator:         No           Hydraulics:         No           Pneumatics:         Yes           Standard product:         Yes	Material sleeve:	Brass
Material balls/pins:         Stainless steel AISI 420           Material seal:         Viton®           Weight in kg:         0,0327           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:         No           Flat-sealing:         No           Suitable breath / respiratory protection:         No           Pressure eliminator:         No           Hydraulics:         No           Pneumatics:         Yes           Standard product:         Yes	Material valve:	Brass
Material seal:         Viton®           Weight in kg:         0,0327           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:         No           Flat-sealing:         No           Suitable breath / respiratory protection:         No           Pressure eliminator:         No           Hydraulics:         No           Pneumatics:         Yes           Standard product:         Yes	Material spring snap ring:	stainless steel AISI 301
Weight in kg:         0,0327           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:         No           Flat-sealing:         No           Suitable breath / respiratory protection:         No           Pressure eliminator:         No           Hydraulics:         No           Pneumatics:         Yes           Standard 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:         No           Flat-sealing:         No           Suitable breath / respiratory protection:         No           Pressure eliminator:         No           Hydraulics:         No           Pneumatics:         Yes           Standard product:         Yes	Material seal:	Viton®
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:         No           Flat-sealing:         No           Suitable breath / respiratory protection:         No           Pressure eliminator:         No           Hydraulics:         No           Pneumatics:         Yes           Standard product:         Yes	Weight in kg:	0,0327
Single-hand operation:         Yes           Two-hand operation:         No           Ball locking:         Yes           Pin lock:         No           Ultra-FLO-valve:         No           Vacuum suitable:         Yes           Water-resistant:         No           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:         No           Ball locking:         Yes           Pin lock:         No           Ultra-FLO-valve:         No           Vacuum suitable:         Yes           Water-resistant:         No           Flat-sealing:         No           Suitable breath / respiratory protection:         No           Pressure eliminator:         No           Hydraulics:         No           Pneumatics:         Yes           Standard product:         Yes	Safety locking system:	No
Ball locking:         Yes           Pin lock:         No           Ultra-FLO-valve:         No           Vacuum suitable:         Yes           Water-resistant:         No           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:         No           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:         No           Flat-sealing:         No           Suitable breath / respiratory protection:         No           Pressure eliminator:         No           Hydraulics:         No           Pneumatics:         Yes           Standard product:         Yes	Ball locking:	Yes
Vacuum suitable:  Water-resistant:  No  Flat-sealing:  Suitable breath / respiratory protection:  No  Pressure eliminator:  Hydraulics:  No  Pneumatics:  Yes  Standard product:  Yes	Pin lock:	No
Water-resistant:  No Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Hydraulics: No Pneumatics: Yes Standard product: Yes	Ultra-FLO-valve:	No
Flat-sealing:  Suitable breath / respiratory protection:  No  Pressure eliminator:  No  Hydraulics:  No  Pneumatics:  Yes  Standard product:  Yes	Vacuum suitable:	Yes
Suitable breath / respiratory protection:  Pressure eliminator:  No  Hydraulics:  No  Pneumatics:  Yes  Standard product:  Yes	Water-resistant:	No
Suitable breath / respiratory protection:  Pressure eliminator:  No  Hydraulics:  No  Pneumatics:  Yes  Standard product:  Yes	Flat-sealing:	No
Pressure eliminator:  Hydraulics:  No  Pneumatics:  Yes  Standard product:  Yes	Suitable breath / respiratory protection:	No
Pneumatics: Yes Standard product: Yes		No
Standard product: Yes	Hydraulics:	No
and the property of the proper	Pneumatics:	Yes
Mould coupling: No	Standard product:	Yes
modic coupling.	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