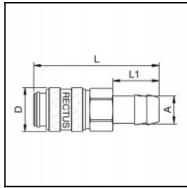
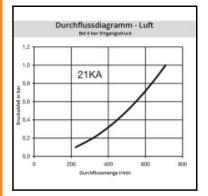
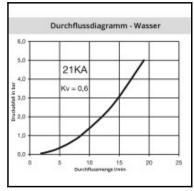


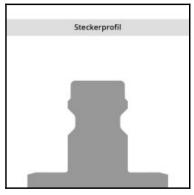
Datasheet of 21KATF08MVX Quick coupling with hose barb N D U S











Description

Quick coupling single shut-off, hose barb 8mm (5/16), 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 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: Hose barb 8mm LW(5/16°) Connection description: Hose barb 8mm LW(5/16°) Connection type: Hose barb 8mm LW(5/16°) Material description: Brass Material description: Brass (20/2739Pb3 2.0401 (except sleeve) Seal description: Fluororubber Surface: blank finish Material onnection: Brass Material valve body: Brass Material sleeve: Brass Material spring snap ring: stainless steel AISI 301 Material spring snap ring: stainless steel AISI 301 Material seal: Viton® Weight in kg: 0,0279	Carias	124
Bore in mm: Bore area in mm?: 20 Advantages: Compatibile. Compatibile. 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 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: Hose barb 8mm LW(5/16°) Connection description: Hose barb 8mm LW(5/16°) Connection type: Hose barb 8mm LW(5/16°) Brass Material description: Brass CuZn39Pb3 2.0401 (except sleeve) Seal description: Brass CuZn39Pb3 2.0401 (except sleeve) Seal description: Brass CuZn39Pb3 2.0401 (except sleeve) Brass Material connection: Brass Material sleeve: Brass Material sleeving shap ring: Stainless steel AISI 301 Material seal: Viton® Weight in kg: 0.0279 Self-venting coupling: No Safety locking system: No Single-hand operation: Yes Two-hand operation: No No Vacuum suitable: Yes Viton-lead operation: No No Vacuum suitable: Yes Standard product: Ves Standard product:	Series:	21
Bore area in mm²: 20		- 11 - 1
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.		
Advantages: compatible. Competibility: 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: Hose barb 8mm LW(5/16°) Connection type: Hose barb 8mm LW(5/16°) Connection type: Hose barb 8mm LW(5/16°) Material: Brass Material description: Brass Cuzn39Pb3 2.0401 (except sleeve) Seal description: Brass Material connection: Brass Material connection: Brass Material sleeve: Brass Material valve body: Brass Material sleeve: Brass Material valve body: Brass Material valve brass Steel AISI 301 Material spring snap ring: stainless steel AISI 301 Material spring snap ring: Stainless steel AISI 420 Material seal: Viton® Weight in kg: 0.0279 Self-venting coupling: No Single-hand operation: No Single-hand operation: No Single-hand operation: No Ball locking: Yes Prin lock: No Ultra-FLO-valve: No Vacuum suitable: Yes Water-resistant: No Flat-sealing: No Pressure eliminator: No Pressure eliminator: No Presume discription: No Presumedics: Yes Platent product: Yes	Bore area in mm ² :	
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: Quick coupling Single Shut-Off Connection: Hose barb 8mm LW(5/16°) Connection description: Hose barb 8mm LW(5/16°) Connection type: Long barb 9m LW(5/16°	Advantages:	
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) 0°C up to +316°C (FFKM) depending on the medium. Shut-Off: Quick coupling Single Shut-Off Connection: Hose barb 8mm LW(5/16") Connection description: Hose barb 8mm LW(5/16") Connection type: Hose barb 8mm LW(5/16") Connection type: Hose barb 8mm LW(5/16") Connection type: Hose barb 8mm LW(5/16") Connection type: Hose barb 8mm LW(5/16") Connection type: Hose barb 8mm LW(5/16") Connection type: Hose barb 8mm LW(5/16") Connection type: Hose barb 8mm LW(5/16") Connection type: Hose barb 8mm LW(5/16") Connection type: Hose barb 8mm LW(5/16") Connection type: Hose barb 8mm LW(5/16") Connection type: Hose barb 8mm LW(5/16") Connection type: Hose barb 8mm LW(5/16") Connection type: Hose barb 8mm LW(5/16") Frass Material description: Brass CuZn39Pb3 2.0401 (except sleeve) Flarss CuBrass Pass Series S	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: Hose barb 8mm LW(5/16°) Connection description: Hose barb 8mm LW(5/16°) Connection type: Hose barb Material: Brass Material description: Brass CuZn39Pb3 2.0401 (except sleeve) Seal description: Fluororubber Surface: blank finish Material connection: Brass Material connection: Brass Material valve body: Brass Material sleeve: Brass Material sleeve: Brass Material pring snap ring: stainless steel AISI 301 Material balls/pins: Stainless steel AISI 420 Material balls/pins: Viton® Weight in kg: 0,0279 Self-venting coupling: No Safety locking system: No Single-hand operation: Yes Two-hand operation: No Ball locking: Yes Pin lock: N	Working pressure:	factor 4 to 1.
Connection: Hose barb 8mm LW(5/16") Connection description: Hose barb 8mm LW(5/16") Connection type: Hose barb Material: Brass Material description: Brass CuZn39Pb3 2.0401 (except sleeve) Seal description: Fluororubber Surface: blank finish Material connection: Brass Material prometrial valve body: Brass Material valve body: 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: Viton® Weight in kg: 0,0279 Self-venting coupling: No Safety locking system: No Single-hand operation: Yes Two-hand operation: Yes Pin lock: No Uitra-FLO-valve: No Vacuum suitable: Yes Water-resistant: No	Working temperature:	(EPDM) -15°C up to +200°C (FKM) 0°C up to +316°C
Connection description: Connection type: Hose barb 8mm LW(5/16") Material: Brass Material description: Fluororubber Surface: blank finish Material connection: Brass Material valve body: Material sleeve: Brass Material valve: Brass Material spring snap ring: Material spring snap ring: Material balls/pins: Stainless steel AISI 301 Material seal: Viton® Weight in kg: 0,0279 Self-venting coupling: No Safety locking system: No Single-hand operation: Yes Pin lock: No Ultra-FLO-valve: Water-resistant: No Flat-sealing: No Pressure eliminator: No Pressure eliminator: No Presure eliminator: No Pneumatics: Yes Standard product: Hose Brass Brass Brass Brass Brass Brass Brass Material seal: Viton® Stainless steel AISI 301 Material seal: Viton® No Stainless steel AISI 420 Material valve: No No Safety locking system: No No No No No No No No No N	Shut-Off:	Quick coupling Single Shut-Off
Connection type: Material: Brass Material description: Seal description: Seal description: Fluororubber 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: Viton® Weight in kg: 0.0279 Self-venting coupling: No Safety locking system: No Single-hand operation: Yes Pin lock: Ultra-FLO-valve: Water-resistant: No Pressure eliminator: No Presure eliminator: No Presumatics: No Pneumatics: Yes Standard product: Hose Ho	Connection:	Hose barb 8mm LW(5/16")
Material: Material description: Seal description: Surface: Material connection: Material valve body: Material sleeve: Material sleeve: Material spring snap ring: Material balls/pins: Material balls/pins: Material seal: Viton® Weight in kg: Safety locking system: Single-hand operation: Two-hand operation: Mo Ball locking: Yes Pin lock: Wacuum suitable: Waterial spring: No Safety locking: Yes Wacuum suitable: Wacuum suitable: Wacuum suitable: Wacuum suitable: Wacuum suitable: No Pressure eliminator: No Pressure eliminator: No Presure eliminator: No Presure eliminator: No Presure eliminator: Yes Standard product: Yes Standard product: Yes Standard product: Pisass Brass	Connection description:	Hose barb 8mm LW(5/16")
Material description: Seal description: Fluororubber Surface: blank finish Material connection: Brass Material valve body: Brass Material sleeve: Brass Material seal: Viton® Witon® Weight in kg: D.0.279 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 Vacuum suitable: Yes Vater-resistant: No Fiat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Pressure eliminator: No Pressure eliminator: No Pneumatics: Yes Standard product: Yes	Connection type:	Hose barb
Seal description: Surface: blank finish Material connection: Brass Material valve body: Brass Material sleeve: Brass Material spring snap ring: Material balls/pins: Material balls/pins: Stainless steel AISI 301 Material seal: Viton® Weight in kg: 0,0279 Self-venting coupling: No Safety locking system: No Single-hand operation: Two-hand operation: Two-hand operation: Ball locking: Yes Pin lock: No Ultra-FLO-valve: Vacuum suitable: Water-resistant: Fluororubber blank finish Brass Brase Brass Brase Brass Bra	Material:	Brass
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: O,0279 Self-venting coupling: No Safety locking system: No Single-hand operation: Yes Two-hand operation: No Ball locking: Yes Pin lock: Ultra-FLO-valve: Water-resistant: No Vacuum suitable: Water-resistant: No Suitable breath / respiratory protection: Pressure eliminator: Hydraulics: No Pneumatics: Yes Standard product: Press Parss Brass Brass	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: Mo Ball locking: Prin lock: Ultra-FLO-valve: Water-resistant: No Vacuum suitable: Water-resistant: No Suitable breath / respiratory protection: Pressure eliminator: Hydraulics: No Pneumatics: Yes Standard product: Press Parss Brass Brase Brass Brase Brass Brass Brass Brass Brass Brasc Brass	Seal description:	Fluororubber
Material valve body: Material sleeve: Material sleeve: Material spring snap ring: Material balls/pins: Modelial seal: Viton® Weight in kg: 0,0279 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	Surface:	blank finish
Material sleeve: Material valve: Material spring snap ring: Material spring snap ring: Material balls/pins: Stainless steel AISI 301 Material balls/pins: Stainless steel AISI 420 Material seal: Viton® Weight in kg: 0,0279 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: Suitable breath / respiratory protection: No Pressure eliminator: No Pneumatics: Yes Standard product: Yes	Material connection:	Brass
Material valve: Brass Material spring snap ring: stainless steel AISI 301 Material balls/pins: Stainless steel AISI 420 Material seal: Viton® Weight in kg: 0,0279 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 body:	Brass
Material spring snap ring: Material balls/pins: Material seal: Viton® Weight in kg: Self-venting coupling: No Safety locking system: No Single-hand operation: Two-hand operation: No Ball locking: Pin lock: Ultra-FLO-valve: No Vacuum suitable: Water-resistant: No Suitable breath / respiratory protection: No Pressure eliminator: No No No Hydraulics: No No Stainless steel AISI 301 No No No Self-ven® No No No No No No No Pressure eliminator: No Presure eliminator: No Preumatics: Yes Standard product: Yes	Material sleeve:	Brass
Material balls/pins: Stainless steel AISI 420 Material seal: Viton® Weight in kg: 0,0279 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: 0,0279 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: 0,0279 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:	0,0279
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: Yes Water-resistant: No Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No 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
Pressure eliminator: 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
	Pneumatics:	Yes
Mould coupling: No	Standard product:	Yes
	Mould coupling:	No

Dimensions

Connection A:	8 mm
D mm:	16
L mm:	46
L1 mm:	17
SW mm:	14