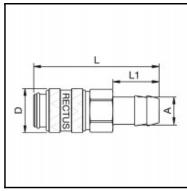
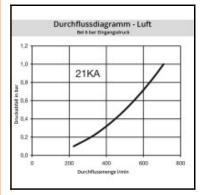
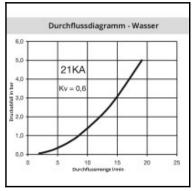


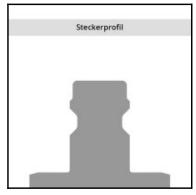
Datasheet of 21KATF10MVN Quick coupling with hose barb N D U S











Description

Quick coupling single shut-off, hose barb 10mm, nominal diameter 5, <35 bar, brass nickel plated, 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 Some area in mm²: 20 One-hand operation. Small dimensions. All variants are compatible. Compatibility: RECTUS 90 Starmaximum static working pressure with safety factor 4 to 1. **20°C up to 1+00°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 Quick coupling Single Shut-Off Onection: Hose barb 10mm Connection type: Hose barb 10mm Connection: Brass nickel plated Erass nickel plat	Carian	24
Bore in mm: Bore area in mm²: 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 10mm Connection description: Hose barb 10mm Connection type: Hose barb 10mm Material description: Brass nickel plated Material description: Fluororubber Surface: nickel plated Material valve body: Brass nickel plated Material sleeve: Material sleeve: Material sleeve: Material sleeve: Material sleeve: Material sleeve: Mater	Series:	21
Bore area in mm²: Advantages: 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 10mm Connection type: Hose barb 10mm Connection: Brass nickel plated Material description: Brass nickel plated Material valve body: Brass nickel plated Material valve body: Brass nickel plated Material spring snap ring: Material seal: Viton® Weight in kg: 0,0292 Self-venting coupling: No Safety locking system: No Single-hand operation: No Ball locking: Yes Water-resistant: Hose Water-resistant: No Pressure eliminator: No		= 17.8.1
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. -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 (FKM) depending on the medium. Shut-Off: Quick coupling Single Shut-Off Connection: Hose barb 10mm Connection description: Connection description: Hose barb 10mm Connection type: Hose barb 10mm Connection type: Hose barb 10mm Connection bergine: Brass nickel plated Material description: Brass cuZn39Pb3 2.0401 (except sleeve) Seal description: Brass nickel plated Material connection: Brass nickel plated Material valve body: Brass nickel plated Material sleeve: Brass nickel plated Material spring snap ring: Material spring s		1
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: Hose barb 10mm Connection type: Hose barb 10mm Connection type: Hose barb 40mm Material: Brass nickel plated Material: Brass nickel plated Material connection: Brass nickel plated Material connection: Brass nickel plated Material valve body: Brass nickel plated Material valve body: Brass nickel plated Material valve: Brass nickel plated Material valve: Brass nickel plated Material valve: Brass nickel plated Material seleve: Brass nickel plated Material valve: Brass nickel plated Material seal: Viton® Weight in kg: 0.0292 Self-venting coupling: No Single-hand operation: Yes Fine lock: No Ultra-FLO-valve: No Vacuum suitable: Yes Vacuum suitable: Yes Vatuable breath / respiratory protection: No Filat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Presumedics: Yes Standard product: No	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 10mm Connection description: Hose barb 10mm Connection type: Hose barb 10mm Connection type: Hose barb 10mm Material: Brass nickel plated Material description: Brass nickel plated Material description: Brass nickel plated Material valve body: Brass nickel plated Material sleeve: Brass nickel plated Material s	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 10mm Connection description: Hose barb 10mm Connection type: Hose barb 10mm Material: Brass nickel plated Brass cuZn39Pb3 2.0401 (except sleeve) Seal description: Fluororubber Surface: nickel plated Material valve body: Brass nickel plated Brass nickel plated Material valve body: Brass nickel plated Brass nickel plated Material valve: Brass nickel plated Material valve: Brass nickel plated Material sleeve: Brass nickel plated Material sleeve: Brass nickel plated Material sleeve: Brass nickel plated Material spring snap ring: Stainless steel AISI 301 Material balls/pins: Stainless steel AISI 301 Material seal: Viton® Weight in kg: 0.0292 Self-venting coupling: No Safety locking system: No Safety locking system: No Ball locking: Yes Pin lock: No Ultra-FLO-valve: No Ultra-FLO-valve: No Vacuum suitable: Water-resistant: No Pressure eliminator: No Pressure eliminator: No Presure eliminator: No Presure eliminator: No Presure eliminator: No Presure eliminator: No Presured: Yes Standard product: No	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 10mm Connection description: Hose barb 10mm Connection type: Hose barb Material: Brass nickel plated Material description: Fluororubber Surface: nickel plated Material connection: Brass nickel plated Material valve body: Brass nickel plated Material sleeve: Brass nickel plated Material sleeve: Brass nickel plated Material valve body: Brass nickel plated Material sleeve: Brass nickel plated Material seal: Witon® Material seal: Viton® Weight in kg: Queen seal of the seal of t	Working pressure:	factor 4 to 1.
Connection: Connection description: Connection type: Hose barb 10mm Connection type: Hose barb Material: Brass nickel plated Material description: Fluororubber Seal description: Fluororubber Surface: nickel plated Material connection: Brass nickel plated Material valve body: Brass nickel plated Material valve body: Brass nickel plated Material sleeve: Brass Material spring snap ring: stainless steel AISI 301 Material balls/pins: Material balls/pins: Material balls/pins: Material balls/pins: None Material seal: Viton® Weight in kg: 0,0292 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 Vitra-FLO-valve: No Vacuum suitable: Yes Water-resistant: No Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Pressure eliminator: No Presure eliminator: No Pneumatics: Yes Standard product:	Working temperature:	(EPDM) -15°C up to +200°C (FKM) 0°C up to +316°C
Connection description: Hose barb 10mm Connection type: Hose barb Material: Brass nickel plated Material description: Fluororubber Seal description: Fluororubber Surface: nickel plated Material connection: Brass nickel plated Material connection: Brass nickel plated Material valve body: Brass nickel plated Material sleeve: Brass nickel plated Material sleeve: Brass nickel plated Material sleeve: Brass nickel plated Material spring snap ring: Stainless steel AISI 301 Material spring snap ring: Stainless steel AISI 420 Material balls/pins: Stainless steel AISI 420 Material balls/pins: No Material coupling: No Safety locking system: No Single-hand operation: Yes Two-hand operation: Yes Pin lock: No Ultra-FLO-valve: No Vacuum suitable: Yes Water-resistant: No Flat-sealing: No Flat-sealing: No Pressure eliminator: No Pressure eliminator: No Presure eliminator: No Presure eliminator: No Presure eliminator: Yes Standard product: No	Shut-Off:	Quick coupling Single Shut-Off
Connection type: Material: Brass nickel plated Material description: Seal description: Fluororubber Surface: nickel plated Material connection: Brass nickel plated Material connection: Brass nickel plated Material valve body: Brass nickel plated Material sleeve: Brass nickel plated Material spring snap ring: Stainless steel AISI 301 Material spring snap ring: Stainless steel AISI 420 Material seal: Viton® Weight in kg: 0.0292 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 Pressure eliminator: No Presure eliminator: No Presuratics: Yes Standard product: No	Connection:	Hose barb 10mm
Material: Material: Material description: Seal description: Surface: 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: Single-hand operation: Two-hand operation: Mo Ball locking: Yes Pin lock: Wacuum suitable: Waterial spring: No Sacuum suitable: No Pressure eliminator: No Pressure eliminator: No Presure eliminator: No No Presure eliminator: No Presure eliminator: No Presure eliminator: No Presure eliminator: No Presure el	Connection description:	Hose barb 10mm
Material description: Seal description: Fluororubber Surface: nickel plated Material connection: Brass nickel plated Material valve body: Brass nickel plated Material sleeve: Material spring snap ring: Material saping snap ring: Material seal: Viton® Weight in kg: Viton® Weight in kg: 0,0292 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 Fiat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Pressure eliminator: No Pneumatics: Yes Standard product: No	Connection type:	Hose barb
Seal description: Surface: nickel plated Material connection: Material valve body: Material sleeve: Material spring snap ring: Material balls/pins: Material seal: Witon® Weight in kg: Safety locking system: No Single-hand operation: Two-hand operation: Ball locking: Pin lock: Witta-FLO-valve: Water-resistant: Fluororubber Illura-FLO-valve: Water aligned: No Suitable breath / respiratory protection: Pressure eliminator: No Pressure eliminator: No Pneumatics: Yes Standard product: No Hardial spring snap ring: Brass nickel plated Brass nickel pla	Material:	Brass nickel plated
Surface: Material connection: Material valve body: Material sleeve: Material sleeve: Material sleeve: Material sleeve: Material sleeve: Material spring snap ring: Material balls/pins: Material seal: Witon® Weight in kg: Safety locking system: No Single-hand operation: Two-hand operation: Mall locking: Prin lock: Ultra-FLO-valve: Water-resistant: No Suitable breath / respiratory protection: Pressure eliminator: Hydraulics: Pneumatics: Standard product: Material plated Brass nickel plated Brass nickela plated Brass nickel plated Brass nickel plated Brass nickel	Material description:	Brass CuZn39Pb3 2.0401 (except sleeve)
Material connection: Material valve body: 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 Single-hand operation: Two-hand operation: Mall locking: Prin lock: Witan-FLO-valve: Water-resistant: No Suitable breath / respiratory protection: Pressure eliminator: No Pneumatics: Yes Standard product: No Press Pre	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: Wita-FLO-valve: Vacuum suitable: Water-resistant: No Suitable breath / respiratory protection: Pressure eliminator: Hydraulics: Phenumatics: Material seal: Brass nickel plated Also I salles steel AISI 301 Brass Brass nickel plated Brass nickel plated Brass nickel plated Brass nickel plated Brass Brass nickel plated Brass Steinless steel AISI 301 Steinless steel AISI 301 Steinless steel AISI 301 Brass Brass Brass Brass Mo Brass Brass Brass Brass Brass Brass Brass Brass Brass Mo Brass Bras	Surface:	nickel plated
Material sleeve: Material valve: Material spring snap ring: Material spring snap ring: Material balls/pins: Stainless steel AISI 301 Material seal: Viton® Weight in kg: O,0292 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: Vacuum suitable: Yes Water-resistant: No Flat-sealing: Suitable breath / respiratory protection: No Pressure eliminator: No Pneumatics: Yes Standard product: No Brass nickel plated Brass AISI 301 No No No Selial (ASI) 420 No No Selial (ASI) 420 No No Selial (ASI) 420 No Selial (ASI) 420	Material connection:	Brass nickel plated
Material valve: Material spring snap ring: Material balls/pins: Material seal: Weight in kg: Self-venting coupling: Single-hand operation: Two-hand operation: Mo Ball locking: Pin lock: Ultra-FLO-valve: Water-resistant: No Suitable breath / respiratory protection: No Pressure eliminator: Hydraulics: Pasianless steel AISI 301 Stainless steel AISI 420 Mo Viton® No No Southale Steel AISI 420 No No No Suitable breath / respiratory protection: No Pneumatics: No Pneumatics: Yes Standard product: No Stainless steel AISI 301 No No No Suitable breath / respiratory protection: No Pressure eliminator: No Pneumatics: No No No No No No No No No N	Material valve body:	Brass nickel plated
Material spring snap ring: stainless steel AISI 301 Material balls/pins: Stainless steel AISI 420 Material seal: Viton® Weight in kg: 0,0292 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: No	Material sleeve:	Brass nickel plated
Material balls/pins: Stainless steel AISI 420 Material seal: Viton® Weight in kg: 0,0292 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: No	Material valve:	Brass
Material seal: Viton® Weight in kg: 0,0292 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: No	Material spring snap ring:	stainless steel AISI 301
Weight in kg: 0,0292 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: 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: No Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Hydraulics: No Pneumatics: Yes Standard product: No	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: No	Weight in kg:	0,0292
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: No	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: No	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: No	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: No	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: No	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: No	Pin lock:	No
Water-resistant: No Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: Hydraulics: No Pneumatics: Yes Standard product: No	Ultra-FLO-valve:	No
Flat-sealing: Suitable breath / respiratory protection: No Pressure eliminator: No Hydraulics: No Pneumatics: Yes Standard product: No	Vacuum suitable:	Yes
Suitable breath / respiratory protection: Pressure eliminator: No Hydraulics: No Pneumatics: Yes Standard product: No	Water-resistant:	No
Pressure eliminator: Hydraulics: No Pneumatics: Yes Standard product: No	Flat-sealing:	No
Pressure eliminator: Hydraulics: No Pneumatics: Yes Standard product: No	Suitable breath / respiratory protection:	No
Pneumatics: Yes Standard product: No		No
Standard product: No	Hydraulics:	No
·	Pneumatics:	Yes
Mould coupling: No	Standard product:	No
	Mould coupling:	No

Dimensions

Connection A:	10 mm
D mm:	16
L mm:	46
L1 mm:	17
SW mm:	14