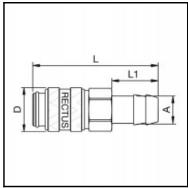
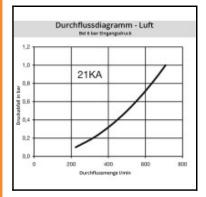
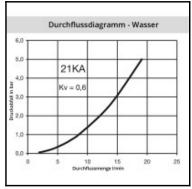


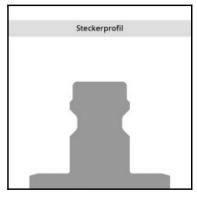
## Datasheet of 21KATF10MPC Quick coupling with hose barb N D U S











## Description

Quick coupling single shut-off, hose barb 10mm, nominal diameter 5, <35 bar, brass chrome plated, 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.

## Details

Series long:  Bore in mm:  5 Bore area in mm²:  20  Advantages:  Compatibility:  Working pressure:  **RECTUS 90  35 bar maximum static working pressure with safety factor 4 to 1.  **Leon to 1.  **Le	Oction	24
Bore in mm: 5 Bore area in mm²: 20 Advantages: One-hand operation. Small dimensions. All variants are compatibile. 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 description: Hose barb 10mm Connection type: Hose barb Material: brass chrome plated Material description: Surface: chrome plated Material connection: brass chrome plated Material connection: brass chrome plated Material selve: brass chrome plated Material valve body: brass chrome plated Material spring snap ring: stainless steel AISI 301 Material spring snap ring: stainless steel AISI 420 Material seal: Perbunan® Weight in kg: 0,0296 Self-venting coupling: No Safety locking system: No Single-hand operation: Yes Two-hand operation: Yes Fins-sealing: No Suitable breath / respiratory protection: No Suitable breath / respiratory protection: No	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 +120/150°C (EPDM) -15°C up to +100°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 description:  Hose barb 10mm  Connection type:  Hose barb 10mm  Connection:  Brass CuZn39Pb3 2.0401 (except sieeve)  Sail description:  Surface:  haterial description:  Surface:  haterial valve body:  brass chrome plated  Material sleeve:  brass chrome plated  Material sleeve:  brass chrome plated  Material sleeve:  Brass  Material spring snap ring:  stainless steel AISI 301  Material spring snap ring:  Stainless steel AISI 420  Material seal:  Perbunan®  Weight in kg:  Occ296  Self-venting coupling:  No  Single-hand operation:  No  Sultable breath / respiratory protection:  No  Sultable breath / respiratory protection:  No		-11.5
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 type:  Hose barb 10mm  Material:  brass chrome plated  Material description:  Brass CuZn39Pb3 2.0401 (except sleeve)  Surface:  chrome plated  Material connection:  Material valve body:  Material valve body:  Material valve:  Brass  Material valve:  Brass  Material spring snap ring:  stainless steel AISI 301  Material spring:  Stainless steel AISI 420  Material seal:  Perbunan®  Weight in kg:  Single-hand operation:  No  Surface:  No  Single-hand operation:  No  Pressure eliminator:  No  Pressure eliminator:  No  Pressure eliminator:  No  Suitable breath / respiratory protection:  No  Pressure eliminator:  No  Pressure eliminator:  No		
Advantages: compatible.  Compatibility: RECTUS 90  Working pressure: 35 bar maximum static working pressure with safety factor 4 to 1.	Bore area in mm²:	
Working pressure:    35 bar maximum static working pressure with safety factor 4 to 1.	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 +120/150°C (FFKM) or 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 10mm  Material: brass chrome plated  Material description: Brass CuZn39Pb3 2.0401 (except sleeve)  Said description: Mitrite-butadiene rubber  Surface: chrome plated  Material valve body: brass chrome plated  Material sleeve: brass chrome plated  Material sleeve: brass chrome plated  Material sleeve: Brass  Material spring snap ring: stainless steel AISI 301  Material balls/pins: Stainless steel AISI 301  Material balls eai: Perbunan®  Weight in kg: 0,0296  Self-venting coupling: No Safety locking system: No  Ball locking: Yes Pin lock: No Ultra-FLO-valve: No Vacuum suitable: Yes Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Pressure eliminator: No	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: Hose barb 10mm Connection description: Hose barb 10mm Connection type: Hose barb Material: brass chrome plated Material description: Brass CuZn39Pb3 2.0401 (except sleeve) Seal description: Witrite-butadiene rubber Surface: chrome plated Material connection: brass chrome plated Material valve body: brass chrome plated Material sleeve: brass chrome plated Material sleeve: brass chrome plated Material spring snap ring: stainless steel AISI 301 Material balls/pins: Stainless steel AISI 420 Material seal: Perbunan® Weight in kg: 0,0296 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 Water-lesiant: Yes Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No	Working pressure:	factor 4 to 1.
Connection: Hose barb 10mm Connection description: Hose barb 10mm Connection type: Hose barb Material: brass chrome plated Material description: Nitrite-butadiene rubber Surface: chrome plated Material connection: brass chrome plated Material connection: brass chrome plated Material connection: brass chrome plated Material valve body: brass chrome plated Material seave: brass chrome plated Material sleeve: brass chrome plated Material sleeve: brass chrome plated Material sleeve: brass chrome plated Material spring snap ring: stainless steel AISI 301 Material spring snap ring: stainless steel AISI 301 Material balls/pins: Stainless steel AISI 420 Material seal: Perbunan® Weight in kg: 0,0296 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: Yes Water-resistant: Yes Water-resistant: Yes Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No	Working temperature:	(EPDM) -15°C up to +200°C (FKM) 0°C up to +316°C
Connection description:  Connection type:  Hose barb  Material:  brass chrome plated  Material description:  Seal description:  Nitrite-butadiene rubber  Surface:  chrome plated  Material connection:  Material connection:  Material valve body:  Material sleeve:  Material sleeve:  Material spring snap ring:  Material spring snap ring:  Material balls/pins:  Stainless steel AISI 301  Material seal:  Perbunan®  Weight in kg:  O,0296  Self-venting coupling:  No  Safety locking system:  No  Single-hand operation:  Yes  Two-hand operation:  No  Ball locking:  Yes  Witzn-FLO-valve:  No  Vacuum suitable:  Yes  Waterial sealing:  No  Suitable breath / respiratory protection:  No  Pressure eliminator:  No  Pressure eliminator:	Shut-Off:	Quick coupling Single Shut-Off
Connection type:  Material:  Material:  Material description:  Seal description:  Surface:  Material connection:  Material connection:  Material connection:  Material connection:  Material connection:  Material connection:  Material valve body:  Material sleeve:  Material sleeve:  Material spring snap ring:  Material spring snap ring:  Material balls/pins:  Material balls/pins:  Material seal:  Perbunan®  Weight in kg:  0,0296  Self-venting coupling:  No  Safety locking system:  No  Single-hand operation:  Yes  Two-hand operation:  No  Ball locking:  Yes  Pin lock:  Ultra-FLO-valve:  Vacuum suitable:  Wes  Water-resistant:  Yes  Flat-sealing:  No  Suitable breath / respiratory protection:  No  Pressure eliminator:  No  Nitrite-butadied  Brass CuZn39Pb3 2.0401 (except sleeve)  Nitrite-butadied  Pass CuZn39Pb3 2.0401 (except sleeve)  Naterial description:  Nitrite-butadien rubber  Standen rubber  Standen Plated  Material connection:  No  Stainless steel AISI 30.1  Material balls/pins:  Stainless steel AISI 420  Material seal:  Perbunan®  No  Suigle-hand operation:  No  No  No  No  No  No  No  No  No  N	Connection:	Hose barb 10mm
Material:  Material description:  Brass CuZn39Pb3 2.0401 (except sleeve)  Seal description:  Nitrite-butadiene rubber  Surface:  Chrome plated  Material connection:  Material valve body:  Material sleeve:  Material sleeve:  Material spring snap ring:  Material spring snap ring:  Material balls/pins:  Material seal:  Perbunan®  Weight in kg:  Self-venting coupling:  Safety locking system:  No  Safety locking system:  Two-hand operation:  Two-hand operation:  No  Ball locking:  Pin lock:  No  Ultra-FLO-valve:  Water-resistant:  Yes  Flat-sealing:  No  Pressure eliminator:  No  No  No  No  No  Pressure eliminator:  No  No  No  No  No  No  No  No  No  N	Connection description:	Hose barb 10mm
Material description:  Seal description:  Nitrite-butadiene rubber  Surface:  Chrome plated  Material connection:  Material valve body:  Material sleeve:  Material sleeve:  Material spring snap ring:  Material spring snap ring:  Material balls/pins:  Material seal:  Perbunan®  Weight in kg:  Safety locking system:  Safety locking system:  Two-hand operation:  Two-hand operation:  Mo  Ball locking:  Pin lock:  With seal:  Wes  Water-resistant:  Yes  Water-resistant:  Yes  Flat-sealing:  No  Suitable breath / respiratory protection:  No  No  Nitrite-butadiene rubber  Nitrite-butadiene rubber  Nitrite-butadiene rubber  Nitrite-butadiene rubber  Nitrite-butadiene rubber  Nitrite-butadiene rubber  Norme plated  horses chrome plated  horses chr	Connection type:	Hose barb
Seal description:  Surface:  Chrome plated  Material connection:  Material valve body:  Material sleeve:  Material spring snap ring:  Material seal:  Meterial seal:  Moeght in kg:  0,0296  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	Material:	brass chrome plated
Surface: chrome plated  Material connection: brass chrome plated  Material valve body: brass chrome plated  Material sleeve: brass chrome plated  Material sleeve: brass chrome plated  Material spring snap ring: stainless steel AISI 301  Material spring snap ring: stainless steel AISI 301  Material balls/pins: Stainless steel AISI 420  Material seal: Perbunan®  Weight in kg: 0,0296  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: Yes  Flat-sealing: No  Suitable breath / respiratory protection: No  Pressure eliminator: No	Material description:	Brass CuZn39Pb3 2.0401 (except sleeve)
Material connection:  Material valve body:  Material sleeve:  Material sleeve:  Material spring snap ring:  Material balls/pins:  Material seal:  Weight in kg:  Self-venting coupling:  Safety locking system:  No Single-hand operation:  Two-hand operation:  Mo Ball locking:  Per Bundows  Mo Ultra-FLO-valve:  Water-resistant:  Flat-sealing:  No Suitable breath / respiratory protection:  No Pressure eliminator:  No Drass chrome plated  brass  Astrone plated  Material sales  No  Suitable breath / respiratory protection:  No  Pressure eliminator:	Seal description:	Nitrite-butadiene rubber
Material valve body:  Material sleeve:  Material sleeve:  Material spring snap ring:  Material spring snap ring:  Material balls/pins:  Material seal:  Weight in kg:  Self-venting coupling:  No Safety locking system:  Single-hand operation:  Two-hand operation:  No Ball locking:  Yes  Pin lock:  No Ultra-FLO-valve:  Water-resistant:  Flat-sealing:  No Suitable breath / respiratory protection:  No Pressure eliminator:  No Drass chrome plated  brass chrome plated  bras	Surface:	chrome plated
Material sleeve:  Material valve:  Material spring snap ring:  Material balls/pins:  Material balls/pins:  Material seal:  Meterial seal:  Mo  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	Material connection:	brass chrome plated
Material valve:  Material spring snap ring:  Material balls/pins:  Material balls/pins:  Material seal:  Perbunan®  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:  Vacuum suitable:  Water-resistant:  Flat-sealing:  Suisible breath / respiratory protection:  No  Pressure eliminator:  Material spring snap ring:  Stainless steel AISI 301  No  No  Self-venting  No  No  No  Self-venting  No  No  Suitable breath / respiratory protection:  No  No	Material valve body:	brass chrome plated
Material spring snap ring:  Material balls/pins:  Stainless steel AISI 301  Material seal:  Perbunan®  Weight in kg:  0,0296  Self-venting coupling:  No  Safety locking system:  No  Single-hand operation:  Two-hand operation:  No  Ball locking:  Pin lock:  Ultra-FLO-valve:  Vacuum suitable:  Water-resistant:  Flat-sealing:  No  Pressure eliminator:  No  Stainless steel AISI 301  No  Perbunan®  No  No  No  No  No  No  No  Self-venting coupling:  No  No  No  No  No  Single-hand operation:  No  No  No  No  No  No  No  No  No  N	Material sleeve:	brass chrome plated
Material balls/pins:  Material seal:  Perbunan®  Weight in kg:  0,0296  Self-venting coupling:  No  Safety locking system:  No  Single-hand operation:  Two-hand operation:  No  Ball locking:  Pin lock:  Ultra-FLO-valve:  Vacuum suitable:  Water-resistant:  Flat-sealing:  Stainless steel AISI 420  No  No  No  No  No  Ves  No  No  No  Ves  No  No  Vacuum suitable:  Yes  Water-resistant:  Yes  Flat-sealing:  No  Suitable breath / respiratory protection:  No  Pressure eliminator:  No	Material valve:	Brass
Material seal:  Weight in kg:  0,0296  Self-venting coupling:  No  Safety locking system:  No  Single-hand operation:  Two-hand operation:  No  Ball locking:  Yes  Pin lock:  No  Ultra-FLO-valve:  Vacuum suitable:  Water-resistant:  Flat-sealing:  Suitable breath / respiratory protection:  No  Pressure eliminator:  No  No  O,0296  No  No  No  No  Self-venting outpling:  No  No  No  No  No  No  No  No  No  N	Material spring snap ring:	stainless steel AISI 301
Weight in kg:         0,0296           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	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	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	Weight in kg:	0,0296
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	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	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	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	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	Ball locking:	Yes
Vacuum suitable:  Water-resistant:  Yes  Water-sealing:  No  Suitable breath / respiratory protection:  No  Pressure eliminator:  No	Pin lock:	No
Water-resistant:  Flat-sealing:  No  Suitable breath / respiratory protection:  No  Pressure eliminator:  No	Ultra-FLO-valve:	No
Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No	Vacuum suitable:	Yes
Suitable breath / respiratory protection:  No  Pressure eliminator:  No	Water-resistant:	Yes
Pressure eliminator: No	Flat-sealing:	No
Pressure eliminator: No	Suitable breath / respiratory protection:	No
Hydraulics: No		No
	Hydraulics:	No
Pneumatics: Yes	Pneumatics:	Yes
Standard product: No	Standard product:	No
Mould coupling: No	Mould coupling:	No

## Dimensions

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