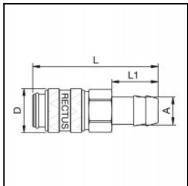
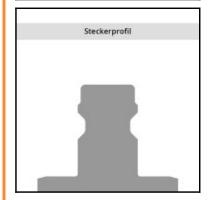


Datasheet of 21KFTF06MPN Quick coupling with hose barb N D U S T







Description

Quick coupling straight-through, hose barb 6mm (1/4), nominal diameter 5, <35 bar, brass nickel 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 21 Series Inm: 5 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. Working pressure: (20°C up to +100°C (NBR). 40°C up to +120/150°C (FFM) (PC (FFM)) e°C up to +120/150°C (FFM) depending on the medium. Working temperature: (EPDM). 15°C up to +200°C (FFM) o°C up to +316°C (FFM) depending on the medium. Shut-Off: Quick coupling Straight-Through Connection: Hose barb 6mm LW(1/4") Connection description: Hose barb 6mm LW(1/4") Connection description: Brass nickel plated Material: Brass CuZn39Pb3 2.0401 (except sleeve) Material description: Nitrite-butadiene rubber Surface: nickel plated Material sleeve: Brass nickel plated Material sleeve: Brass nickel plated Material spring snap ring: stainless steel AlSi 301 Material seal: Perbunan® Weight in kg: 0.0267 <th>Carias</th> <th>- In-</th>	Carias	- In-
Bore in mm: Bore area in mm?: 20 Advantages: Compatibility: RECTUS 90 Working pressure: Working pressure: Working temperature: (EPDM) -15°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 Straight-Through Connection: Hose barb 6mm LW(1/4") Connection description: Hose barb 6mm LW(1/4") Connection type: Hose barb Material: Brass nickel plated Material escription: Surface: Material connection: Brass nickel plated Material seleve: Material seleve: Brass nickel plated Material seleve: Brass nickel plated Material spring snap ring: Material spring snap ring: Material spring snap ring: Stainless steel AISI 301 Material spring snap ring: Material seal: Perbunan® Weight in kg: 0,0267 Self-venting coupling: No Single-hand operation: No No Single-hand operation: No No Ultra-FLO-valve: No Unitra-FLO-valve: No Sutable breath / respiratory protection: No Pressure eliminator: No		
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 +2200°C (FKM) 0°C up to +1316°C (FFKM) depending on the medium. Shut-Off: Quick coupling Straight-Through Connection: Hose barb 6mm LW(1/4") Connection description: Connection description: Hose barb 6mm LW(1/4") Connection type: Material description: Brass nickel plated Material connection: Material seleve: Material seleve: Material seleve: Material spring snap ring: Material spring snap ring: Material spring snap ring: Material seal: Perbunan® Weight in kg: O,0267 Self-venting coupling: No Safety locking system: No Single-hand operation: No Ball locking: Yes Pin lock: Ultra-FLO-valve: Yes Pinumatics: No Sutlable breath / respiratory protection: No Pressure eliminator: No Pressure eliminator: No Pressure eliminator: No Pressure eliminator: No Presumatics: No Pressure eliminator: No		
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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 20°C (FKM) 0°C up to +316°C (FFKM) depending on the medium. Shut-Off: Quick coupling Straight-Through Connection: Hose barb 6mm LW(1/4") Connection description: Hose barb 6mm LW(1/4") Connection type: Hose barb 6mm LW(1/4") Connection type: Hose barb 6mm LW(1/4") Sarass nickel plated Material description: Brass nickel plated Material description: Brass nickel plated Material connection: Brass nickel plated Material valve body: Brass nickel plated Material valve body: 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 301 Material balls/pins: No Material seal: Perbunan® Weight in kg: 0,0267 Self-venting coupling: No Safety locking system: No Brass nickel plated No Brass nickel plated No No Safety locking system: No Safety locking system: No Safety locking: Yes Pin lock: No Ultra-FLO-valve: No Vacuum suitable: Yes Pin lock: No Suitable breath / respiratory protection: No Pressure eliminator: No Pressure eliminator: No Pressure eliminator: No Presumatics: No Pneumatics: Yes Standard product:	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 +200°C (FKM) 0°C up to +316°C (FFKM) depending on the medium. Shut-Off: Quick coupling Straight-Through Connection: Hose barb 6mm LW(1/4") Connection description: Hose barb 6mm LW(1/4") Connection type: Hose barb 6mm LW(1/4") Material: Brass nickel plated Material description: Seal description: Nitrite-butadiene rubber nickel plated Material valve body: Material valve body: Material sleeve: Brass nickel plated Material spring snap ring: stainless steel AISI 301 Material balls/pins: Stainless steel AISI 420 Material seal: Perbunan® Weight in kg: 0,0,267 Self-venting coupling: No Safety locking system: No Single-hand operation: Yes Pin lock: No Ultra-FLO-valve: Ves Water-resistant: Yes Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Pressure eliminator: No Presumatics: Yes Standard product: No	Advantages:	
factor 4 to 1.	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 Straight-Through Connection: Hose barb 6mm LW(1/4") Connection type: Hose barb 6mm LW(1/4") Connection type: Hose barb 9mm LW(1/4") Material: Brass nickel plated Material description: Seal description: Nitirte-butadiene rubber Surface: nickel plated Material connection: Brass nickel plated Material valve body: Brass nickel plated Material seve: Brass nickel plated Material spring snap ring: stainless steel AISI 301 Material balls/pins: Stainless steel AISI 420 Material seal: Perbunan® Weight in kg: 0,0267 Self-venting coupling: No Safety locking system: No Single-hand operation: Yes Two-hand operation: No Ball locking: Yes Pin lock: No Vaccuum suitable: Yes Water-resistant: Yes Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Presure eliminator: No Presure eliminator: No Pneumatics: Yes Standard product: No	Working pressure:	
Connection: Hose barb 6mm LW(1/4") Connection description: Hose barb 6mm LW(1/4") Connection type: Hose barb Material: Brass nickel plated Material description: Brass nickel plated Material description: Nitrite-butadiene rubber Surface: nickel plated Material connection: Brass nickel plated Material valve body: Brass nickel plated Material seleve: 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 420 Material seal: Perbunan® Weight in kg: 0,0267 Self-venting coupling: No Safety locking system: No Single-hand operation: Yes Two-hand operation: Yes Pro-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 Pressure eliminator: Yes Standard product: 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 nickel plated Material description: Seal description: Seal description: Material connection: Material connection: Material connection: Material connection: Material seleve: Material sleeve: Brass nickel plated Material sleeve: Material sleeve: Brass nickel plated Material sleeve: Mologe Weight in kg: O,0267 Self-venting coupling: 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 Hat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Pressure eliminator: No Pressure eliminator: No Pneumatics: Yes Standard product:	Shut-Off:	Quick coupling Straight-Through
Connection type: Hose barb Material: Brass nickel plated Material description: Brass CuZn39Pb3 2.0401 (except sleeve) Seal description: Nitrite-butadiene rubber Surface: 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 balls/pins: Stainless steel AISI 420 Material seal: Perbunan® Weight in kg: 0,0267 Self-venting coupling: No Safety locking system: No Single-hand operation: Yes Two-hand operation: Yes Tro-hand operation: No Ball locking: Yes Pin lock: No Ultra-FLO-valve: No Vacuum suitable: Yes Water-resistant: Yes Flat-sealing: No Pressure eliminator: No Pressure eliminator: No Pressure eliminator: No Hydraulics: No Pneumatics: Yes Standard product: No	Connection:	Hose barb 6mm LW(1/4")
Material: Material: Material description: Seal description: Nitrite-butadiene rubber Nitrite-butadiene rubber Nitrite-butadiene rubber Nickel plated Material connection: Material valve body: Material spring snap ring: Material spring snap ring: Material balls/pins: Stainless steel AISI 301 Material seal: Perbunan® Weight in kg: 0,0267 Self-venting coupling: No Safety locking system: No Single-hand operation: Two-hand operation: Pessure spring: Mo Ultra-FLO-valve: Vacuum suitable: Yes Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Pneumatics: Yes Standard product: No No No No No No Presumanics: No No No No No No No No No N	Connection description:	Hose barb 6mm LW(1/4")
Material description: Seal description: Nitrite-butadiene rubber Nitrite-butadiene rubber Surface: 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 balls/pins: Stainless steel AISI 420 Material seal: Perbunan® Weight in kg: 0,0267 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: Yes Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Presure eliminator: No Pneumatics: Yes Standard product: No	Connection type:	Hose barb
Seal description: Nitrite-butadiene rubber 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 spring snap ring: Stainless steel AISI 301 Material balls/pins: Stainless steel AISI 420 Material seal: Perbunan® Weight in kg: 0,0267 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: Yes Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Pneumatics: Yes Standard product: No	Material:	Brass nickel plated
Surface: Material connection: Material valve body: Material sleeve: Material spring snap ring: Material balls/pins: Material seal: Weight in kg: Self-venting coupling: Single-hand operation: Two-hand operation: Mo Ball locking: Yes Two-land operation: No Ultra-FLO-valve: Water-resistant: Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No No Presumatics: No Presumatics: No Presumatics: No Presumatics: No Presumatics: Yes Standard product: No Brass nickel plated Brass nickel plate	Material description:	Brass CuZn39Pb3 2.0401 (except sleeve)
Material connection: Material valve body: Material sleeve: Material spring snap ring: Material spring snap ring: Material spring snap ring: Material spring snap ring: Material sal: Meterial seal: Meterial seal: Meterial seal: Meterial seal: Merbunan® Meterial seal: Merbunan® Moself-venting coupling: No Safety locking system: No Single-hand operation: Two-hand operation: Mo Ball locking: Pes Pin lock: No Ultra-FLO-valve: Ves Water-resistant: Yes Water-resistant: Yes Water-resistant: Yes Suitable breath / respiratory protection: No Pressure eliminator: Hydraulics: No Pneumatics: Yes Standard product: No	Seal description:	Nitrite-butadiene rubber
Material valve body: Material sleeve: Material spring snap ring: Material spring snap ring: Material balls/pins: Stainless steel AISI 301 Material balls/pins: Stainless steel AISI 420 Material seal: Perbunan® Weight in kg: 0,0267 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: Yes Water-resistant: Yes Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Pneumatics: Yes Standard product: No	Surface:	nickel plated
Material sleeve: Material spring snap ring: Material spring snap ring: Material balls/pins: Stainless steel AISI 301 Material seal: Perbunan® Weight in kg: O,0267 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: Yes Water-resistant: Yes Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Pneumatics: Yes Standard product: No	Material connection:	Brass nickel plated
Material spring snap ring: Material balls/pins: Stainless steel AISI 301 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: No Vacuum suitable: Water-resistant: Flat-sealing: Suitable breath / respiratory protection: No Pressure eliminator: No No No No No No No No No N	Material valve body:	Brass nickel plated
Material balls/pins: Material seal: Perbunan® Weight in kg: 0,0267 Self-venting coupling: No Safety locking system: No Single-hand operation: Two-hand operation: No Ball locking: Pin lock: No Ultra-FLO-valve: Vacuum suitable: Ves Water-resistant: Flat-sealing: Suitable breath / respiratory protection: No Pressure eliminator: No No No No No Pneumatics: Yes Standard product: No No No No No No No No No N	Material sleeve:	Brass nickel plated
Material seal: Weight in kg: 0,0267 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: Flat-sealing: No Suitable breath / respiratory protection: No Hydraulics: No Pneumatics: Yes Standard product: No	Material spring snap ring:	stainless steel AISI 301
Weight in kg: 0,0267 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 Hydraulics: No Pneumatics: Yes Standard product: No	Material balls/pins:	Stainless steel AISI 420
Self-venting coupling: Safety locking system: No Single-hand operation: Two-hand operation: Ball locking: Pin lock: Ultra-FLO-valve: Vacuum suitable: Ves Water-resistant: Flat-sealing: Suitable breath / respiratory protection: No Pressure eliminator: No Pneumatics: Standard product: No	Material seal:	Perbunan®
Safety locking system: Single-hand operation: Two-hand operation: Ball locking: Pin lock: No Ultra-FLO-valve: Vacuum suitable: Ves Water-resistant: Flat-sealing: Suitable breath / respiratory protection: No Pressure eliminator: No Pneumatics: Standard product: No No No No No No No No No N	Weight in kg:	0,0267
Single-hand operation: Two-hand operation: No Ball locking: Pin lock: No Ultra-FLO-valve: Vacuum suitable: Ves Water-resistant: Flat-sealing: Suitable breath / respiratory protection: No Pressure eliminator: Hydraulics: No Pneumatics: Standard product: No No No No No No No No No N	Self-venting coupling:	No
Two-hand operation: Ball locking: Pin lock: No Ultra-FLO-valve: Vacuum suitable: Ves Water-resistant: Flat-sealing: Suitable breath / respiratory protection: No Pressure eliminator: Hydraulics: No Pneumatics: Standard product: No No No No No No No No No N	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 Standard product: 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 Hydraulics: No Pneumatics: Yes Standard product: No	Two-hand operation:	No
Ultra-FLO-valve: Vacuum suitable: Ves Water-resistant: Yes Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: Hydraulics: No Pneumatics: Yes Standard product: No	Ball locking:	Yes
Vacuum suitable: Water-resistant: Yes Flat-sealing: No Suitable breath / respiratory protection: Pressure eliminator: Hydraulics: No Pneumatics: Yes Standard product: No	Pin lock:	No
Water-resistant: Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No 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:	Yes
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:	6 mm
D mm:	16
L mm:	46
L1 mm:	17
SW mm:	14