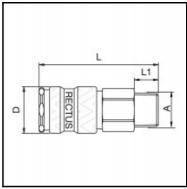
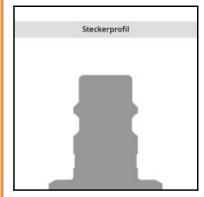


Datasheet of 25KFAK21MPN Quick coupling with male thread DUSTRIE







Description

Quick coupling straight-through, male thread R 1/2, nominal diameter 7,8, <35 bar, brass nickel plated, seal NRR

Universal industrial coupling with standard European profile. Coupling system with single-hand operation. UltraFlo valve for optimum flow and low pressure drop. The series stands out for its robust design and long service life even with the harshest use.

Details

Series long: 25KF Bore in mm: 7,8 Bore area in mm²: 48 Advantages: One-hand operation. Robust structure. UltraFlo valve. Compatibility: RECTUS 26 RECTUS 1600/1625 TEMA 1600 Working pressure: 35 bar maximum static working pressure with safety 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) depending on the medium. Shut-Off: Quick coupling Straight-Through Connection: Male thread 1/2° Connection description: Male thread 10°L Male thread Material: Brass nickel plated Material: Brass cuz/n39Pb 3 2.0401 (except sleeve) Seal description: Nitrite-butadiene rubber Material connection: Male thread male mubber Material valve body: Brass nickel plated Material sleeve: Steel hardened and nickel plated Material spring snap ring: Stainless steel AISI 301 Material spring snap ring: Stainless steel AISI 301 Material spring snap ring: Stainless steel AISI 301 Material seal: Perbunan® Weight in kg: 0,115 Self-venting coupling: No Self-venting coupling: No Single-hand operation: No Single-hand operation: No Ball locking: Yes Pin lock: No Ultra-FLO-valve: No Vacuum suitable: No Valer-resistant: No Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No	Series:	25
Bore in mm: 7,8 Bore area in mm?: 48 Advantages: One-hand operation. Robust structure. UltraFlo valve. Compatibility: RECTUS 26 RECTUS 1600/1625 TEMA 1600 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) depending on the medium. Shut-Off: Quick coupling Straight-Through Connection: Male thread 1/2" Connection description: Male tapered thread of Whitworth form DIN 2999 1/2" Connection type: Male thread Material: Brass nickel plated Material description: Brass cu2/n39Pb3 2.0401 (except sleeve) Seal description: Nitrite-butadiene rubber Surface: nickel plated Material connection: Brass nickel plated Material valve body: Brass nickel plated Material spring snap ring: Stein hardened and nickel plated Material spring snap ring: stainless steel AISI 301 Material spring snap ring: Stein hardened and nickel plated Material spring snap ring: Steinless steel AISI 420 Material seal: Perbunan® Weight in kg: 0,115 Self-venting coupling: No Safety locking system: No Safety locking system: No Safety locking system: No Single-hand operation: Yes Innochand operation: No Ball locking: Yes Pin lock: No Untra-FLO-valve: No Wuter-resistant: No Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No		
Bore area in mm²: Advantages: One-hand operation. Robust structure. UltraFlo valve. Compatibility: RECTUS 26 RECTUS 1600/1625 TEMA 1600 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) depending on the medium. Shut-Off: Quick coupling Straight-Through Connection: Male thread 1/2° Connection description: Male thread of Whitworth form DIN 2999 1/2° Male thread of Whitworth form DIN 2999 1/2° Male thread in thread of Whitworth form DIN 2999 1/2° Connection type: Male thread of Whitworth form DIN 2999 1/2° Male thread of Whitworth form DIN 2999 1/2° Male thread of Whitworth form DIN 2999 1/2° Connection type: Male thread of Whitworth form DIN 2999 1/2° Male thread of Whitworth form DIN 2999 1/2° Male thread of Whitworth form DIN 2999 1/2° Material description: Brass nickel plated Material description: Brass nickel plated Material valve body: Brass nickel plated Material sleeve: Material sleeve: Steel hardened and nickel plated Material sleeve: Steel hardened and nickel plated Material seal: Perbunan® Weight in kg: Stainless steel AISI 301 Material seal: Perbunan® Weight in kg: D, 115 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 Water-resistant: No Pineumatics: No Pressure eliminator: No Pressure eliminator: No Pressure eliminator: No Presure eliminator: No Pneumatics: No	, and the second	
Advantages: One-hand operation. Robust structure. UltraFlo valve. Compatibility: RECTUS 26 RECTUS 1600/1625 TEMA 1600 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) depending on the medium. Shut-Off: Quick coupling Straight-Through Connection: Male tapered thread of Whitworth form DIN 2999 1/2° Connection description: Male tapered thread of Whitworth form DIN 2999 1/2° Connection type: Male thread Material: Brass nickel plated Material description: Surface: nickel plated Material connection: Brass nickel plated Material valve body: Brass nickel plated Material valve body: Brass nickel plated Material sleeve: Steel hardened and nickel plated Material spring snap ring: Stainless steel AISI 301 Material balls/pins: Stainless steel AISI 420 Material seal: Perbunan® Weight in kg: Self-venting coupling: No Safety looking system: No Safety looking system: No Ball looking: Yes Pin lock: No Ultra-FLO-valve: No Vacuum suitable: No Pressure eliminator: No		· ·
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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 +100°C (EPDM) -100°C (EPDM) -1		·
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) depending on the medium. Shut-Off: Quick coupling Straight-Through Connection: Male thread 1/2" Connection description: Male tapered thread of Whitworth form DIN 2999 1/2" Male thread Material: Brass nickel plated Material description: Surface: Material description: Nitrite-butadiene rubber Surface: Material connection: Brass nickel plated Material valve body: Material sleeve: Steel hardened and nickel plated Material spring snap ring: Material springs nap ring: Material balls/pins: Stainless steel AISI 301 Material balls/pins: Meight in kg: O,1115 Self-venting coupling: No Safety locking system: No Single-hand operation: No Ball locking: Yes Pin lock: No Weter-resistant: No Pressure eliminator: No Pressure eliminator: No Pressure eliminator: No Presure eliminator No Presure eliminator No Presure	Compatibility:	
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Connection: Male thread 1/2" Connection description: Male tapered thread of Whitworth form DIN 2999 1/2" Connection type: Mate tapered thread of Whitworth form DIN 2999 1/2" Connection type: Mate thread Material: Brass nickel plated Material description: Surface: Nitrite-butadiene rubber Surface: Material connection: Brass nickel plated Material valve body: Brass nickel plated Material seve: Steel hardened and nickel plated Material spring snap ring: stainless steel AISI 301 Material sels: Weight in kg: Q,1115 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 Water-resistant: No Flat-sealing: No Pressure eliminator: No Pressure eliminator: No Presumatics: No Pneumatics: Yes Standard product: No	Working temperature:	(EPDM) -15°C up to +200°C (FKM) depending on the
Connection description: Male tapered thread of Whitworth form DIN 2999 1/2" Connection type: Male thread Material: Brass nickel plated Material description: Seal description: Surface: Material connection: Brass nickel plated Material connection: Brass nickel plated Material valve body: Brass nickel plated Material seleve: Material seleve: Steel hardened and nickel plated Material spring snap ring: stainless steel AISI 301 Material balls/pins: Stainless steel AISI 420 Material seal: Perbunan® Weight in kg: 0,115 Self-venting coupling: No Safety locking system: No Single-hand operation: Yes Pin lock: Ultra-FLO-valve: No Water-resistant: No Flat-sealing: No Suitable breath / respiratory protection: Pressure eliminator: No Presumatics: No Pneumatics: Yes Standard product:	Shut-Off:	Quick coupling Straight-Through
Connection type: Material: Material: Brass nickel plated Material description: Seal description: Nitrite-butadiene rubber Surface: Material connection: Material valve body: Material sleeve: Material sleeve: Material sleeve: Steel hardened and nickel plated Material sleisy: Material balls/pins: Stainless steel AISI 301 Material balls/pins: Stainless steel AISI 420 Material seal: Perbunan® Weight in kg: Self-venting coupling: No Safety locking system: No Single-hand operation: Two-hand operation: Two-hand operation: No Ball locking: Yes Pin lock: No Water-resistant: No Water-resistant: No Pressure eliminator: No Pressure eliminator: No Presure eliminator: No No Presure eliminator: No Presure eliminator: No Presure eliminator: No No Presure eliminator: No No No Presure eliminator: No No Presure eliminator: No No Presure eliminator: No No Presure eliminator: No No No No No Presure eliminator: No No No Presure eliminator: No No No No Presure eliminator: No No Presure eliminator: No No Presure eliminator No No	Connection:	Male thread 1/2"
Material: Material description: Seal description: Nitrite-butadiene rubber Surface: Material connection: Material valve body: Material spring snap ring: Material spring snap ring: Material balls/pins: Material seal: Weight in kg: Self-venting coupling: Safety locking system: No Single-hand operation: Ball locking: Yes Pin lock: No Ultra-FLO-valve: Vacuum suitable: Waterial selicy in the surface seal in t	Connection description:	Male tapered thread of Whitworth form DIN 2999 1/2"
Material description: Seal description: Nitrite-butadiene rubber Naterial connection: Brass nickel plated Material valve body: Brass nickel plated Material seleve: Steel hardened and nickel plated Material spring snap ring: Stainless steel AISI 301 Material balls/pins: Stainless steel AISI 420 Material seal: Perbunan® Weight in kg: 0,115 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: No Water-resistant: No Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Pressure eliminator: No Presumatics: No Pneumatics: Yes Standard product:	Connection type:	Male thread
Seal description: Nitrite-butadiene rubber Surface: nickel plated Material connection: Brass nickel plated Material valve body: Brass nickel plated Material sleeve: Steel hardened and nickel plated Material spring snap ring: Stainless steel AISI 301 Material balls/pins: Stainless steel AISI 420 Material seal: Perbunan® Weight in kg: O,115 Self-venting coupling: No Safety locking system: No Single-hand operation: Two-hand operation: No Ball locking: Pes Pin lock: Ultra-FLO-valve: No Water-resistant: No Suitable breath / respiratory protection: Pressure eliminator: No Pneumatics: No Pneumatics: Yes Standard product: No	Material:	Brass nickel plated
Surface: Material connection: Material valve body: Material sleeve: Steel hardened and nickel plated Material spring snap ring: Material spring snap ring: Material balls/pins: Material seal: Weight in kg: Self-venting coupling: No Safety locking system: No Single-hand operation: Two-hand operation: Moe Ball locking: Yes Thiolock: Ultra-FLO-valve: Vaccuum suitable: No Water-resistant: No Suitable breath / respiratory protection: No Pressure eliminator: No No Pneumatics: Yes Standard product: 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: Perbunan® Weight in kg: Self-venting coupling: No Safety locking system: No Single-hand operation: Two-hand operation: Pin lock: Ultra-FLO-valve: Vacuum suitable: No Water-resistant: No Suitable breath / respiratory protection: Pressure eliminator: Hydraulics: Pass nickel plated Brass nickel plated Steel hardened and nickel plated Material splated No No No No No No No No No Pressure eliminator: No Presuratics: No Pneumatics: Yes Standard product: No	Seal description:	Nitrite-butadiene rubber
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: O,1115 Self-venting coupling: No Safety locking system: No Single-hand operation: Two-hand operation: No Ball locking: Pin lock: No Ultra-FLO-valve: No Water-resistant: No Water-resistant: No Suitable breath / respiratory protection: No Pressure eliminator: No Pneumatics: Yes Standard product: No Stainless steel AISI 301 No No No No No No No No No N	Surface:	nickel plated
Material sleeve: Material spring snap ring: Material spring snap ring: Material seal: Meight in kg: Self-venting coupling: No Safety locking system: No Single-hand operation: Two-hand operation: Mo Ball locking: Pin lock: Ultra-FLO-valve: No Water-resistant: No Suitable breath / respiratory protection: No Pressure eliminator: No No Steel hardened and nickel plated Stainless steel AISI 301 Stainless steel AISI 420 Material seal: Perbunan® No No No No No No No No No Single-hand operation: No No No No Ultra-FLO-valve: No Water-resistant: No Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Pneumatics: No Pneumatics: Yes Standard product: No	Material connection:	Brass nickel plated
Material spring snap ring: Material balls/pins: Material seal: Perbunan® Weight in kg: Self-venting coupling: No Safety locking system: No Single-hand operation: Two-hand operation: Pin lock: Ultra-FLO-valve: Vacuum suitable: No Water-resistant: No Suitable breath / respiratory protection: No Hydraulics: Perbunan® 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: Self-venting coupling: No Safety locking system: No Single-hand operation: Two-hand operation: Pes Pin lock: Ultra-FLO-valve: Vacuum suitable: Water-resistant: Flat-sealing: Suitable breath / respiratory protection: Pressure eliminator: Hydraulics: No Material balls/pins: Stainless steel AISI 420 No No No No No No No Safety locking: No No No No No No No No No N	Material sleeve:	Steel hardened and nickel plated
Material seal: Weight in kg: O,115 Self-venting coupling: No Safety locking system: No Single-hand operation: Two-hand operation: No Ball locking: Pin lock: Ultra-FLO-valve: Vacuum suitable: No Water-resistant: Flat-sealing: Suitable breath / respiratory protection: Hydraulics: No Pneumatics: Standard product: No O,115 No No No No No No No No No N	Material spring snap ring:	stainless steel AISI 301
Weight in kg: Self-venting coupling: No Safety locking system: No Single-hand operation: Two-hand operation: Pin lock: Ultra-FLO-valve: Vacuum suitable: Water-resistant: Flat-sealing: Suitable breath / respiratory protection: Hydraulics: No Pressure eliminator: No Pressure diminator: No No Pressure diminator: No Pressure diminator: No No No No No Pressure diminator: No No No Pressure diminator: No No No No Pressure diminator: No No Pressure diminator: No No No Pressure diminator: No No No Pressure diminator: No No No No Pressure diminator: No No No Pressure diminator: No No No Pressure diminator: No No No No No No No No No N	Material balls/pins:	Stainless steel AISI 420
Self-venting coupling: Safety locking system: No Single-hand operation: Two-hand operation: Pin lock: Ves Pin lock: No Ultra-FLO-valve: Vacuum suitable: No Water-resistant: No Flat-sealing: Suitable breath / respiratory protection: Pressure eliminator: Hydraulics: No Pneumatics: Standard product: No No No No No No No No No N	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: No Water-resistant: No Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Hydraulics: No Pneumatics: Yes Standard product: No	Weight in kg:	0,115
Single-hand operation: Two-hand operation: Ball locking: Pin lock: No Ultra-FLO-valve: Vacuum suitable: No Water-resistant: No Flat-sealing: Suitable breath / respiratory protection: Pressure eliminator: Hydraulics: No Pneumatics: Standard product: No No No No No No No No No N	Self-venting coupling:	No
Two-hand operation: No Ball locking: Yes Pin lock: No Ultra-FLO-valve: No Vacuum suitable: No 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: No 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: No 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: No 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: Water-resistant: No Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: Hydraulics: No Pneumatics: Yes Standard product: No	Pin lock:	No
Water-resistant: No 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: Hydraulics: No Pneumatics: Yes Standard product: No	Vacuum suitable:	No
Suitable breath / respiratory protection: Pressure eliminator: 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		No
Pneumatics: Yes Standard product: No		No
Pneumatics: Yes Standard product: No	Hydraulics:	No
·	•	
·	Standard product:	No
	<u> </u>	No

Dimensions

Connection A:	R 1/2
D mm:	23
L mm:	61
L1 mm:	17
SW mm:	22