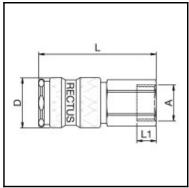
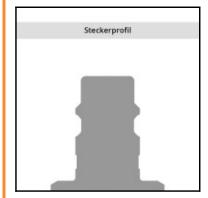


Datasheet of 25KFIW21MPN Quick coupling with female thread D U S T R I E







Description

Quick coupling straight-through, female thread G 1/2, nominal diameter 7,8, <35 bar, brass nickel plated, seal NBR

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: Bore in mm:	Series:	25
Bore in mm: 5.8 Bore area in mm²: 48 Advantages: Cone-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. -2-0°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: Cuick coupling Straight-Through Connection: Female thread 1/2° Connection description: Female pipe thread of Whitworth form ISO 228 1/2° Connection type: Female thread Material: Brass nickel plated Material description: Mitrite-butadiene rubber Surface: Inckel plated Material valve body: Material steeve: Steel hardened and nickel plated Material sterius: Statinless steel AISI 301 Material spring snap ring: Material spring snap ring: Material spring snap ring: Material balis/pins: Stainless steel AISI 420 Material seal: Perbunan® Weight in kg: 0,1252 Self-venting coupling: No Safety locking system: No Single-hand operation: No Ball locking: Yes Pin lock: No Ultra-FLO-valve: No 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: Female thread 1/2" Connection description: Female thread of Whitworth form ISO 228 1/2" Material: Brass nickel plated Material description: Brass cuZn39Pb3 2.0401 (except sleeve) Seal description: Nitrite-butadiene rubber nickel plated Material valve body: Brass nickel plated Material sleeve: Steel hardened and nickel plated Material spring snap ring: Material seleve: Steel hardened and nickel plated Material springs nap ring: Material seal: Perbunan® Weight in kg: O,1252 Self-venting coupling: No Single-hand operation: No Single-hand operation: No Ball locking: No Water-resistant: No Ultra-FLO-valve: No Viable breath / respiratory protection: No Pressure eliminator: No Pressure eliminator: No Pressure eliminator: No Presumer No Presumer No Pressure eliminator: No Presumer No Pressure eliminator: No Presumer No Pressure eliminator: No		
Advantages: One-hand operation. Robust structure. UltraFlo valve. Compatibility: RECTUS 26 RECTUS 1600/1625 TEMA 1600 Working pressure: 135 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: Female thread 1/2" Connection description: Female pipe thread of Whitworth form ISO 228 1/2" Connection type: Female ap pipe thread of Whitworth form ISO 228 1/2" Employed thread Material: Brass nickel plated Material description: Surface: Inickel 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: Q.1252 Self-venting coupling: No Safety locking system: No Single-hand operation: No Ball locking: Yes Pin lock: No Ultra-FLO-valve: No No Pressure elliminator: No Pressure elliminator: No Pressure elliminator: No Presumatics: No No Presumatics: No Presumatics: No Presumatics: No Presumatics: No Presumatics: No Presumatics: No No Presumatics: No No Presumatics: No No Presumatics: No Presumatics: No Presumatics: No No Presumatics: No Presumatics: No No Presumatics: No Presumatics: No Presumatics: No Presumatics: No No Presumatics: No Presumatics: No Presumatics: No Presumatics: No Presumatics: Presumatics: Presumatics: Presumatics: Presumatics: Presumatics: Presumatics: Presumatics		· ·
Compatibility: Working pressure: ### RECTUS 26 RECTUS 1600/1625 TEMA 1600 ### Working pressure: ### Safety factor 4 to 1. ### Journal of the pressure with safety factor 4 to 1. ### Journal of		
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:		· · · · · · · · · · · · · · · · · · ·
working pressure: factor 4 to 1. -20°C up to +100°C (NBR) -40°C up to +120/150°C (PDM) -15°C up to +200°C (FKM) depending on the medium. Shut-Off: Quick coupling Straight-Through Connection: Female thread 1/2° Connection description: Female pipe thread of Whitworth form ISO 228 1/2° Female thread of Whitworth form ISO 228 1/2° Female description: Brass nickel plated Material description: Surface: Material description: Surface: Material connection: Material valve body: Material valve body: Material spring snap ring: Material spring snap ring: Material seleve: Steel hardened and nickel plated Material spring snap ring: Material seles ellas (Perbunan®) Weight in kg: Quick coupling Straight-Through No Safety locking system: No Single-hand operation: Yes Two-hand operation: No Water-resistant: No Versure elliminator: No Pressure elliminator: No Pressure elliminator: No Presumatics: Yes Standard product: No Presumatics: Yes Standard product: No	Compatibility:	
Working temperature: (EPDM) -15°C up to +200°C (FKM) depending on the medium. Shut-Off: Quick coupling Straight-Through Connection: Female thread 1/2" Connection description: Female pipe thread of Whitworth form ISO 228 1/2" Connection type: Female thread Material: Brass nickel plated Material description: 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: 0,1252 Self-venting coupling: No Single-hand operation: Yes Two-hand operation: No Single-hand operation: No Ball locking: Yes Pin lock: No Water-resistant: No Vaccuum suitable: No Water-resistant: No Pressure eliminator: No Pressure eliminator: No Pressure eliminator: No Pneumatics: Yes Standard product: No	Working pressure:	factor 4 to 1.
Connection: Female thread 1/2" Connection description: Female pipe thread of Whitworth form ISO 228 1/2" Connection type: Female pipe thread Material: Brass nickel plated Material description: Seal description: Nitrite-butadiene rubber Surface: nickel plated Material connection: Brass nickel plated Material valve body: Brass nickel plated Material valve body: Brass nickel plated Material seleve: Steel hardened and nickel plated Material seleve: Steel hardened and nickel plated Material seleve: Steel hardened and nickel plated Material sels steel AISI 301 Material seal: Perbunan® Weight in kg: 0,1252 Self-venting coupling: No Safety locking system: No Single-hand operation: Yes Two-hand operation: Yes Pin lock: No Ultra-FLO-valve: No Water-resistant: No Flat-sealing: No Suitable breath / respiratory protection: Pressure eliminator: No Pressure eliminator: No Pressure eliminator: No Pneumatics: Yes Standard product:	Working temperature:	(EPDM) -15°C up to +200°C (FKM) depending on the
Connection description: Connection type: Female pipe thread of Whitworth form ISO 228 1/2" Connection type: Female thread Material: Brass nickel plated Material description: Seal description: Nitrite-butadiene rubber Surface: Inickel plated Material connection: Material connection: Material sleeve: Steel hardened and nickel plated Material sleeve: Steel hardened and nickel plated Material sleeve: Steel hardened and nickel plated Material spring snap ring: Material balls/pins: Stainless steel AISI 301 Material seal: Perbunan® Weight in kg: 0,1252 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 Flat-sealing: Suitable breath / respiratory protection: No Pressure eliminator: No Pressure eliminator: No Pneumatics: Yes Standard product: No	Shut-Off:	Quick coupling Straight-Through
Connection type: Material: Material: Material description: Seal description: Material connection: Material connection: Material connection: Material valve body: Material sleeve: Material balls/pins: Moesin-leeve: Material seal: Perbunan® Weight in kg: 0,1252 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 Water-resistant: No Flat-sealing: Suitable breath / respiratory protection: No Pressure eliminator: No Presure eliminator: No Pneumatics: Yes Standard product: No	Connection:	Female thread 1/2"
Material: Material description: Brass nickel plated Material description: Nitrite-butadiene rubber Surface: Material connection: Brass nickel plated Material valve body: Material spring snap ring: Material spring snap ring: Material balls/pins: Material balls/pins: Weight in kg: O,1252 Self-venting coupling: No Safety locking system: No Single-hand operation: Two-hand operation: Mo Ball locking: Yes Pin lock: No Ultra-FLO-valve: Vacuum suitable: No Suitable breath / respiratory protection: No Pressure eliminator: Hydraulics: No No No Presumatics: Yes Standard product: No No No No No No No No No N	Connection description:	Female pipe thread of Whitworth form ISO 228 1/2"
Material description: 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: Material spring snap ring: Stainless steel AISI 301 Material balls/pins: Stainless steel AISI 420 Material seal: Perbunan® Weight in kg: 0,1252 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: Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Pressure eliminator: No Pneumatics: Yes Standard product: No	Connection type:	Female thread
Seal description: Nitrite-butadiene rubber Surface: nickel plated Material connection: Material valve body: Material sleeve: Steel hardened and nickel plated 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: 0,1252 Self-venting coupling: No Safety locking system: No Single-hand operation: Two-hand operation: No Ball locking: Yes Pin lock: Ultra-FLO-valve: No Water-resistant: No Suitable breath / respiratory protection: No 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: Stainless steel AISI 301 Material seal: Perbunan® Weight in kg: Safety locking system: No Single-hand operation: Two-hand operation: Moliking: Yes Two-hand operation: Moliking: Witra-FLO-valve: Vacuum suitable: Water-resistant: No Suitable breath / respiratory protection: No Pressure eliminator: No Pneumatics: Yes Standard product: No	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 seal: Meterial seal: Mo 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 Water-resistant: No Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: 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: Material balls/pins: Material seal: Meight in kg: Self-venting coupling: Single-hand operation: Two-hand operation: Mo Ball locking: Pin lock: Ultra-FLO-valve: Vacuum suitable: No Water-resistant: No Suitable breath / respiratory protection: No Presumatics: No Pneumatics: Yes Standard product: No Steel hardened and nickel plated Steel AISI 301 Material sall: Perbunan® No Stainless steel AISI 420 Mo Perbunan® No No No No No No No No No N	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,1252 Self-venting coupling: No Safety locking system: No Single-hand operation: Two-hand operation: No Ball locking: Pin lock: Ultra-FLO-valve: No Waterial seal: No Waterial seal: No Single-hand operation: No Single-hand operation: No Ball locking: Yes Pin lock: No Ultra-FLO-valve: No Suitable: No Water-resistant: No 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: O,1252 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: No Suitable breath / respiratory protection: No Hydraulics: No Pneumatics: Standard product: No Stainless steel AISI 301 No No Perbunan® No No No No No No No No No N	Material valve body:	Brass nickel plated
Material balls/pins: Material seal: Perbunan® O,1252 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: Perbunan® O,1252 No No No No No Single-hand operation: No No No No No No No No No N	Material sleeve:	Steel hardened and nickel plated
Material seal: Weight in kg: O,1252 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: No Water-resistant: Flat-sealing: Suitable breath / respiratory protection: Hydraulics: No Pressure eliminator: No Presumatics: Yes Standard product: No O,1252 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: No Water-resistant: Flat-sealing: Suitable breath / respiratory protection: Hydraulics: No Pressure eliminator: No Pressure elimin	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: No Water-resistant: No Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Hydraulics: No Pneumatics: Yes Standard product: No	Material seal:	Perbunan®
Safety locking system: Single-hand operation: Two-hand operation: No Ball locking: Pin lock: No Ultra-FLO-valve: Vacuum suitable: No Water-resistant: No Flat-sealing: Suitable breath / respiratory protection: Hydraulics: No Pneumatics: Standard product: No No Yes No No No No No No No No No N	Weight in kg:	0,1252
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: Yes 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: No Vacuum suitable: No Water-resistant: No Flat-sealing: Suitable breath / respiratory protection: Pressure eliminator: 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: No 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: No Hydraulics: No Pneumatics: Yes Standard product: No	Ultra-FLO-valve:	No
Flat-sealing: Suitable breath / respiratory protection: Pressure eliminator: No Hydraulics: No Pneumatics: Yes Standard product: No	Vacuum suitable:	No
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
Pneumatics: Yes Standard product: No	Hydraulics:	No
Standard product: No		Yes
	Standard product:	
	Mould coupling:	No

Dimensions

Connection A:	G 1/2
D mm:	23
L mm:	58
L1 mm:	12
SW mm:	24