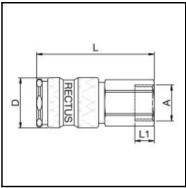
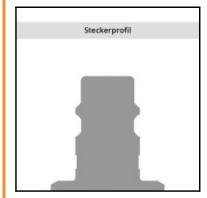


Datasheet of 25KFIW21SVN Quick coupling with female thread DUSTRIE







Description

Quick coupling straight-through, female thread G 1/2, nominal diameter 7,8, <250 bar, steel nickel plated, seal FKM

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 S	Series:	25
Bore in mm: 7,8		
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" Connection type: Female thread Material: Steel nickel-plated Material description: Steel 95MnPb28K 1.0718 Seal description: Fluororubber Surface: nickel plated Material valve body: Steel nickel-plated Material sleeve: Steel hardened and nickel plated Material sleeve: Steel hardened and nickel plated Material spring snap ring: stainless steel AISI 301 Material seal: Viton® Weight in kg: 0,0894 Self-venting coupling: No Single-hand operation: No Single-hand operation: No Ball locking: Yes Pin lock: No Ultra-FLO-valve: No Ultra-FLO-valve: No Surface: No Pressure eliminator: No Pressure eliminator: No Presumatics: No Pneumatics: No Pneumatics: No Pneumatics: No Pneumatics: No Standard product: No	-	
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 pipe thread of Whitworth form ISO 228 1/2" Connection type: Female pipe thread of Whitworth form ISO 228 1/2" Connection type: Female spipe thread of Whitworth form ISO 228 1/2" Steel nickel-plated Material: Steel nickel-plated Material description: Surface: nickel plated Material valve body: Steel nickel-plated Material valve body: Steel nickel-plated Material sleeve: Steel hardened and nickel plated Material sping snap ring: Stainless steel AISI 420 Material seal: Viton® Weight in kg: Suff-venting coupling: No Safety locking system: No Safety locking system: No Salel locking: Yes Pin lock: No Ultra-FLO-valve: No Vacuum suitable: No Pressure eliminator: No Pressure eliminator: No Pressure eliminator: No Presumatics: Yes Standard product: 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)-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 (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" Connection type: Female thread of Whitworth form ISO 228 1/2" Steel active plated Material: Steel nickel-plated Material description: Steel sSMnPb28k 1.0718 Seal description: Fluororubber surface: Material connection: Brass nickel plated Material valve body: Steel nickel-plated Material sleeve: Steel hardened and nickel plated Material spring snap ring: Material spring snap ring: Material seal: Viton® Weight in kg: 0,0894 Self-venting coupling: No Safety locking system: Single-hand operation: No Safety locking system: No Single-hand operation: No Welchel-Co-valve: Ves Pin lock: No Water-resistant: No Pressure eliminator: No Presure eliminator: No Presure eliminator: No Pressure eliminator: No Pressure eliminator: No Pressure eliminator: No Presure eliminator: No Presure eliminator: No Pressure eliminator: No	Compatibility:	
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Connection: Female thread 1/2" Connection description: Female pipe thread of Whitworth form ISO 228 1/2" Connection type: Female thread Material: Steel nickel-plated Material description: Fluororubber Surface: nickel plated Material connection: Brass nickel plated Material valve body: Steel nickel-plated Material seve: Steel nickel-plated Material seve: Steel hardened and nickel plated Material series steel AISI 301 Material spring snap ring: Stainless steel AISI 301 Material balls/pins: Viton® Weight in kg: 0,0894 Self-venting coupling: No Safety locking system: No Single-hand operation: Yes Pro-hand operation: No Ultra-FLO-valve: No Water-resistant: No Flat-sealing: No Pressure eliminator: No Pressure eliminator: No Presume difference Pemale thread 1/2" Female thread of Whitworth form ISO 228 1/2" Female thread of Whitworth form ISO 228 1/2" Female thread of Whitworth form ISO 228 1/2" Female thread Steel nickel-plated Brass nickel plated Brass nickel plated Steel placed Brass nickel plated Steel placed Brass nickel plated Steel vickel-plated Material seale Steel nickel-plated Brass nickel plated Steel vickel-plated Steel vickel-plated Steel vickel-plated Steel vickel-plated Steel vickel-plated Steel vickel plated Steel vickel-plated Steel vickel-plated	Working temperature:	(EPDM) -15°C up to +200°C (FKM) depending on the
Connection description: Female pipe thread of Whitworth form ISO 228 1/2" Connection type: Female thread Material: Steel nickel-plated Material description: Steel 9SMnPb28K 1.0718 Seal description: Fluororubber Surface: Material connection: Brass nickel plated Material valve body: Material seleve: Steel nickel-plated Material spring snap ring: Stainless steel AISI 301 Material balls/pins: Stainless steel AISI 301 Material seal: Viton® Weight in kg: 0,0894 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 Presume discription: Yes Standard product: No Pneumatics: Yes Standard product: No Presume discription: No Steel nickel-plated Mitwell plated Material dellockel plated Material sealing Steel AISI 301 Material seale Material seale	Shut-Off:	Quick coupling Straight-Through
Connection type: Female thread Material: Steel nickel-plated Material description: Steel 9SMnPb28K 1.0718 Seal description: Fluororubber Surface: nickel plated Material connection: Material valve body: Material seleve: Steel nickel-plated Material spring snap ring: stainless steel AISI 301 Material balls/pins: Stainless steel AISI 420 Material seal: Viton® Weight in kg: 0,0894 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 Presumatics: Yes Standard product: No	Connection:	Female thread 1/2"
Material: Steel nickel-plated Material description: Steel 9SMnPb28K 1.0718 Seal description: Fluororubber Surface: nickel plated Material connection: Brass nickel plated Material valve body: Steel 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: Viton® Weight in kg: 0,0894 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 Presunatics: Yes <td>Connection description:</td> <td>Female pipe thread of Whitworth form ISO 228 1/2"</td>	Connection description:	Female pipe thread of Whitworth form ISO 228 1/2"
Material description: Steel 9SMnPb28K 1.0718 Seal description: Fluororubber Surface: nickel plated Material connection: Brass nickel plated Material valve body: Steel 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: Viton® Weight in kg: 0,0894 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 Suitable breath / respiratory protection: No Pressure eliminator: No Presumatics: Yes Standard product: No	Connection type:	Female thread
Seal description: Surface: nickel plated Material connection: Brass nickel plated Material valve body: Steel 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: Viton® Weight in kg: 0,0894 Self-venting coupling: No Safety locking system: No Single-hand operation: Yes Two-hand operation: No Ball locking: Pres Pin lock: Ultra-FLO-valve: Vacuum suitable: No Water-resistant: No Suitable breath / respiratory protection: No Pressure eliminator: No Pneumatics: No Pneumatics: Yes Standard product: No	Material:	Steel nickel-plated
Surface: Material connection: Material valve body: Material sleeve: Steel nickel-plated Material sleeve: Steel hardened and nickel plated Material spring snap ring: Material balls/pins: Material balls/pins: Material seal: Viton® Weight in kg: Self-venting coupling: No Safety locking system: No Single-hand operation: Two-hand operation: No Ball locking: Yes Thiolock: Ultra-FLO-valve: No Water-resistant: No Suitable breath / respiratory protection: No Pressure eliminator: No Pneumatics: No No Steel nickel-plated Brass nickel plated Brass nicke plated Brass nic	Material description:	Steel 9SMnPb28K 1.0718
Material connection: Material valve body: Material sleeve: Material sleeve: Material spring snap ring: Material balls/pins: Material seal: Witon® Weight in kg: Self-venting coupling: No Safety locking system: No Single-hand operation: Two-hand operation: Pressure sliminstor: No Water-resistant: No Suitable breath / respiratory protection: Presumatics: No Pneumatics: Yes Standard product: No Steel nickel plated No Steel nickel plated No Steel nickel plated No Steel n	Seal description:	Fluororubber
Material valve body: Material sleeve: Steel hardened and nickel plated Material spring snap ring: Stainless steel AISI 301 Material balls/pins: Stainless steel AISI 420 Material seal: Viton® Weight in kg: O,0894 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 Water-resistant: No Suitable breath / respiratory protection: No Pressure eliminator: No Pneumatics: Yes Standard product: No	Surface:	nickel plated
Material valve body: Material sleeve: Steel hardened and nickel plated Material spring snap ring: Stainless steel AISI 301 Material balls/pins: Stainless steel AISI 420 Material seal: Viton® Weight in kg: O,0894 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 Water-resistant: 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: Material seal: Viton® 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 Water-resistant: No Suitable breath / respiratory protection: No Hydraulics: Pneumatics: Stainless steel AISI 301 Stainless steel AISI 301 Notion® No,0894 No No No No No No No No No N	Material valve body:	
Material balls/pins: Material seal: Viton® Weight in kg: O,0894 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: Pressure eliminator: Hydraulics: No Material balls/pins: Viton® No No No No No No Safety locking system: No No No No No No No No No N	Material sleeve:	Steel hardened and nickel plated
Material seal: Weight in kg: O,0894 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 Pressure eliminator: No No No No Pressure eliminator: No No No Pressure eliminator: No No No Pressure eliminator: No No Pressure eliminator: No No No Pressure eliminator: No No Pressure eliminator: No No Pressure eliminator: No No No Pressure eliminator: No No No Pressure eliminator: No No Pressure eliminator: No No No No Pressure eliminator: 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 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: Vacuum suitable: Vacuum suitable: Vacuum suitable: No Suitable breath / respiratory protection: Pressure eliminator: Hydraulics: No Pneumatics: Standard product: No No No No No No No No No N	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: 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:	0,0894
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
Suitable breath / respiratory protection: Pressure eliminator: No 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:	G 1/2
D mm:	23
L mm:	58
L1 mm:	12
SW mm:	24