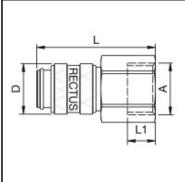
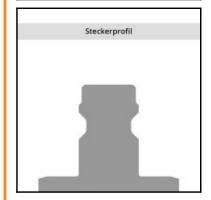


Datasheet of 21KFIW10EVX Quick coupling with female thread DUSTRIE







Description

Quick coupling straight-through, female thread G 1/8, nominal diameter 5, <35 bar, stainless steel AISI 316 L, seal FKM

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: Bore area in mm²: Advantages: Compatibility: RECTUS 90 Working pressure: 35 bar maximum static working pressure with safety factor 4 to 1. "Compatibility: Working pressure: 36 bar maximum static working pressure with safety factor 4 to 1. "Compatibility: Working temperature: Working temperature: Working temperature: Shut-Off: Quick coupling Straight-Through Connection: Female thread 1/8" Connection: Female thread 1/8" Connection type: Female pipe thread of Whitworth form ISO 228 1/8" Connection type: Female description: Stainless steel AISI 316 L Material description: Strainess steel AISI 316 L Material connection: Stainless steel AISI 316 L Material spring snap ring: Stainless steel AISI 316 L Material spring snap ring: Stainless steel AISI 316 L Material spring snap ring: Stainless steel AISI 316 L Material spring snap ring: Stainless steel AISI 316 L Material spring snap ring: Stainless steel AISI 316 L Material spring snap ring: Stainless steel AISI 316 L Material spring snap ring: Stainless steel AISI 316 L Material spring snap ring: Stainless steel AISI 316 L Material spring snap ring: Stainless steel AISI 316 L Material spring snap ring: Stainless steel AISI 316 L Material spring snap ring: Stainless steel AISI 316 L Material spring snap ring: No Self-venting coupling: No Self-venting coupling: No Single-hand operation: No Single-hand operation: No Pres Material spring respiratory protection: No Pres Surden respiratory protection: No Pressure eliminator: No Pressure eliminator: No Pressure eliminator: No Mould coupling: No Mould coupling: No	Series:	21	
Bore in mm: Bore area in mm?: Bore area in mm?: Advantages: Compatibility: RECTUS 90 Working pressure: Bore area in maximum static working pressure with safety factor 4 to 1.			
Bore area in mm²: Advantages: Compatibility: RECTUS 90 Working pressure: \$\frac{35}{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 1/8° Connection description: Female thread of Whitworth form ISO 228 1/8° Connection type: Female thread of Whitworth form ISO 228 1/8° Connection type: Female thread of Whitworth form ISO 228 1/8° Connection type: Female steel AISI 316 L Material description: Stainless steel AISI 316 L Material connection: Stainless steel AISI 316 L Material souncetion: Stainless steel AISI 316 L Material spring snap ring: Stainless steel AISI 316 L Material spring snap ring: Stainless steel AISI 316 L Material spring snap ring: Stainless steel AISI 316 L Material spring snap ring: Stainless steel AISI 316 L Material spring snap ring: Stainless steel AISI 316 L Material spring snap ring: Stainless steel AISI 316 L Material spring snap ring: Stainless steel AISI 316 L Material spring snap ring: Stainless steel AISI 316 L Material spring snap ring: Stainless steel AISI 316 L Material spring snap ring: Stainless steel AISI 316 L Material spring snap ring: No Stainless steel AISI 316 L Material seal: Viton® Weight in kg: 0,0273 Self-venting coupling: No Safety locking system: No Safety locking system: No Ultra-FLC-valve: No Pressure eliminator: No		- · · ·	
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. -20°C up to +100°C (NBR) -40°C up to +120/150°C (EPDM) -15°C up to +1200°C (FKM) depending on the medium. Shut-Off: Quick coupling Straight-Through Connection: Female thread 1/8° Connection description: Female pipe thread of Whitworth form ISO 228 1/8° Connection type: Haterial: Stainless steel AISI 316 L Stainless steel AISI 316 L Stainless steel AISI 316 L Material description: Surface: blank finish Material valve body: Stainless steel AISI 316 L Material sleeve: stainless steel AISI 316 L Material sleeve: stainless steel AISI 316 L Material spring snap ring: Stainless steel AISI 316 L Material spring snap ring: Stainless steel AISI 316 L Material spring snap ring: Stainless steel AISI 316 L Material spring snap ring: Stainless steel AISI 316 L Material policy some steel AISI 316 L Material policy system: No Single-hand operation: Yes Two-hand operation: No Single-hand operation: No Ball locking: Yes Pin lock: No Ultra-FLO-valve: No Ves Water-resistant: No Suitable breath / respiratory protection: No Pressure eliminator: No Pressure eliminator: No Pressure eliminator: No Presumatics: No Standard product: No		1	
compatible. 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) depending on the medium. Shut-Off: Quick coupling Straight-Through Connection: Female thread 1/8" Connection description: Female thread of Whitworth form ISO 228 1/8" Connection type: Female thread description: stainless steel AISI 316 L Material description: Stainless steel AISI 316 L Material description: Stainless steel AISI 316 L Material connection: stainless steel AISI 316 L Material valve body: stainless steel AISI 316 L Material sleeve: stainless steel AISI 316 L Material spring snap ring: Stainless steel AISI 316 L Material sleeve: stainless steel AISI 316 L Material balls/pins: Stainless steel AISI 316 L Material seal: Viton® Weight in kg: 0,0273 Self-venting coupling: No Safety locking system: No Safety locking system: No Safety locking system: No Single-hand operation: 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 Presumatics: Ne Pneumatics: Yes Standard product: No			
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 1/8" Connection description: Female pipe thread of Whitworth form ISO 228 1/8" Female pipe thread of Whitworth form ISO 228 1/8" Connection type: Female thread Material: stainless steel AISI 316 L Material description: Surface: blank finish Material connection: stainless steel AISI 316 L Material seleve: stainless steel AISI 316 L Material sleeve: stainless steel AISI 316 L Material spring snap ring: Stainless steel AISI 316 L Material balls/pins: No Safety locking system: No Safety locking system: No Ball locking: Yes Pin lock: No Ultra-FLO-valve: No Vacuru suitable: Yes Pin lock: No Suitable breath / respiratory protection: No Pressure eliminator: No Pneumatics: Yes Standard product: No	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 +200°C (FKM) depending on the medium. Shut-Off: Quick coupling Straight-Through Connection: Female thread 1/8° Connection description: Female pipe thread of Whitworth form ISO 228 1/8° Connection type: Female thread of Whitworth form ISO 228 1/8° Connection type: Female thread of Whitworth form ISO 228 1/8° Connection type: Female thread of Whitworth form ISO 228 1/8° Connection type: Female thread of Whitworth form ISO 228 1/8° Connection type: Female thread of Whitworth form ISO 228 1/8° Female thread 1/8° Sainless steel AISI 316 L Stainless steel AISI 316 L Stainl	Compatibility:	RECTUS 90	
Working temperature: (EPDM) -15°C up to +200°C (FKM) depending on the medium. Shut-Off: Quick coupling Straight-Through Connection: Female thread 1/8" Connection description: Female pipe thread of Whitworth form ISO 228 1/8" Connection type: Female thread Material: stainless steel AISI 316 L Material description: Surface: blank finish Material connection: stainless steel AISI 316 L Material valve body: stainless steel AISI 316 L Material valve body: stainless steel AISI 316 L Material sleeve: stainless steel AISI 316 L Material sleeve: stainless steel AISI 316 L Material sleeve: stainless steel AISI 316 L Material balls/pins: Stainless steel AISI 316 L Material balls/pins: Aterial balls/pins: No Stainless steel AISI 316 T Material balls/pins: No Material balls/pins: No Self-venting coupling: No Self-venting coupling: No Single-hand operation: Yes Two-hand operation: No Ball locking: Yes Pin lock: No Vitra-FLO-valve: Vacuum suitable: Yes Water-resistant: No Flat-sealing: No Pressure eliminator: No Pressure eliminator: No Presure eliminator: No Presure eliminator: No Presure eliminator: No Pneumatics: Yes Standard product: No	Working pressure:		
Connection: Female thread 1/8" Connection description: Female pipe thread of Whitworth form ISO 228 1/8" Connection type: Female thread Material: stainless steel AISI 316 L Material description: Stainless steel AISI 316 L Material description: Fluororubber Surface: blank finish Material connection: stainless steel AISI 316 L Material valve body: stainless steel AISI 316 L Material valve body: stainless steel AISI 316 L Material sieeve: stainless steel AISI 316 L Material sieeve: stainless steel AISI 316 L Material spring snap ring: Stainless steel AISI 316 L Material seal: Viton® Weight in kg: 0,0273 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: No Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Pressure eliminator: No Pneumatics: Yes Standard product: No	Working temperature:	(EPDM) -15°C up to +200°C (FKM) depending on the	
Connection description: Connection type: Female thread Material: Stainless steel AISI 316 L Material description: Seal description: Fluororubber Surface: blank finish Material connection: Material valve body: Material seleve: Material spring snap ring: Stainless steel AISI 316 L Material spring snap ring: Stainless steel AISI 316 L Material spring snap ring: Stainless steel AISI 316 L Material spring snap ring: Stainless steel AISI 316 L Material spring snap ring: Stainless steel AISI 316 L Material spring snap ring: Material balls/pins: Stainless steel AISI 316 N Material balls/pins: Stainless steel AISI 316 N Material balls/pins: No Stainless steel AISI 316 N Material seal: Viton® Weight in kg: 0.0273 Self-venting coupling: No Safety locking system: No Single-hand operation: Yes Two-hand operation: No Ball locking: Yes Two-hand operation: No Ultra-FLO-valve: No Vacuum suitable: Yes Water-resistant: No Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Pressure eliminator: No Pneumatics: Yes Standard product: No	Shut-Off:	Quick coupling Straight-Through	
Connection type: Female thread Material: Material: Material description: Seal description: Surface: Material connection: Material connection: Material valve body: Material seleve: Material seleve: Material spring snap ring: Material balls/pins: Material balls/pins: Material balls/pins: Material balls/pins: Material seal: Witon® Weight in kg: O,0273 Seff-venting coupling: No Safety locking system: No Single-hand operation: Two-hand operation: Two-hand operation: No Ball locking: Pin lock: No Ultra-FLO-valve: Vacuum suitable: Water-esistant: No Pressure eliminator: No Pressure eliminator: No Pneumatics: Yes Standard product: No Presumatics: Yes Standard product: No No Presumatics: Yes Standard product: No Stainless steel AISI 316 L Material Salic L Material S	Connection:	Female thread 1/8"	
Material: Material description: Stainless steel AISI 316 L Material description: Surface: Blank finish Material connection: Material valve body: Material spring snap ring: Material spring snap ring: Material balls/pins: Material seal: Witon® Weight in kg: Safety locking system: No Single-hand operation: Two-hand operation: Mo Ball locking: Pin lock: Waterial spring: No Ultra-FLO-valve: Water-resistant: Fluororubber Stainless steel AISI 316 L Material salic Witon® Witon® No Safety locking system: No Ultra-FLO-valve: No Vacuum suitable: Yes Water-resistant: No Suitable breath / respiratory protection: No Pressure eliminator: No Pressure eliminator: No Pneumatics: Yes Standard product: No	Connection description:	Female pipe thread of Whitworth form ISO 228 1/8"	
Material description: Seal description: Fluororubber Surface: blank finish Material connection: Material valve body: Material seeve: stainless steel AISI 316 L Material spring snap ring: Material spring snap ring: Material balls/pins: Material seal: Witon® Weight in kg: 0,0273 Seff-venting coupling: No Safety locking system: No Single-hand operation: Yes Two-hand operation: No Ball locking: Yes Pin lock: Ultra-FLO-valve: Water-esistant: No Suitable breath / respiratory protection: No Pressure eliminator: Hydraulics: No Pneumatics: Yes Standard product: No Pressure eliminator: No Presure eliminator: No Presure eliminator: Yes Standard product: No	Connection type:	Female thread	
Seal description: Surface: blank finish Material connection: stainless steel AISI 316 L Material valve body: stainless steel AISI 316 L Material sleeve: stainless steel AISI 316 L Material spring snap ring: Stainless steel AISI 316 L Material spring snap ring: Stainless steel AISI 316 Ti Material balls/pins: Stainless steel AISI 316 M Material seal: Viton® Weight in kg: O,0273 Self-venting coupling: No Safety locking system: No Single-hand operation: Yes Two-hand operation: No Ball locking: Yes Pin lock: No Vutra-FLO-valve: No Vacuum suitable: Yes Water-resistant: No Suitable breath / respiratory protection: No Pressure eliminator: No Pressure eliminator: No Pneumatics: Yes Standard product: No	Material:	stainless steel AISI 316 L	
Surface: blank finish	Material description:	stainless steel 1.4404	
Material connection: Material valve body: Material sleeve: Material sleeve: Material spring snap ring: Material balls/pins: Material balls/pins: Material seal: Witon® Weight in kg: Self-venting coupling: No Safety locking system: No Single-hand operation: Two-hand operation: Pin lock: Wita-FLO-valve: Vacuum suitable: Water-resistant: No Suitable breath / respiratory protection: No Pressure eliminator: No No Material seal: Witon® Witon® No No No No No Material seal: Viton® No No No No No Safety locking system: No No Single-hand operation: No No Suitable breath / respiratory protection: No Pressure eliminator: No Pneumatics: Yes Standard product: No	Seal description:	Fluororubber	
Material valve body: Material sleeve: Material sleeve: Material spring snap ring: Material spring snap ring: Material balls/pins: Material balls/pins: Material seal: Witon® Weight in kg: O,0273 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: No Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Pneumatics: Yes Standard product: No Stainless steel AISI 316 L No No No No No No No Stainless steel AISI 316 L No No No No No No Stainless steel AISI 316 L No No No No No No Selid No Stainless steel AISI 316 L No No No No Selid No	Surface:	blank finish	
Material sleeve: stainless steel AISI 316 L Material spring snap ring: Stainless steel AISI 316Ti Material balls/pins: Stainless steel AISI 316 Material seal: Viton® Weight in kg: 0,0273 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: No Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Hydraulics: No Pneumatics: Yes Standard product: No	Material connection:	stainless steel AISI 316 L	
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 Vacuum suitable: Water-resistant: No Suitable breath / respiratory protection: No Pressure eliminator: No No No No Hydraulics: No Pneumatics: Yes Standard product: No Stainless steel AISI 316Ti No 0,0273 Stainless steel AISI 316 No No No No No No No No No N	Material valve body:	stainless steel AISI 316 L	
Material balls/pins: Material seal: Weight in kg: Self-venting coupling: Safety locking system: No Single-hand operation: Two-hand operation: No Ball locking: Pin lock: Ultra-FLO-valve: Vacuum suitable: Water-resistant: Flat-sealing: Suitable breath / respiratory protection: No Pressure eliminator: No Material balls/pins: Stainless steel AISI 316 No No No No No Safety locking: No No No No No No No No No N	Material sleeve:	stainless steel AISI 316 L	
Material seal: Viton® Weight in kg: 0,0273 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: No Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Hydraulics: No Pneumatics: Yes Standard product: No	Material spring snap ring:	Stainless steel AISI 316Ti	
Weight in kg: 0,0273 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: No Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Hydraulics: No Pneumatics: Yes Standard product: No	Material balls/pins:	Stainless steel AISI 316	
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: No Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Hydraulics: No Pneumatics: Yes Standard product: No	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: Yes Water-resistant: No Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Hydraulics: No Pneumatics: Yes Standard product: No	Weight in kg:	0,0273	
Single-hand operation: Yes Two-hand operation: No Ball locking: Yes Pin lock: No Ultra-FLO-valve: No Vacuum suitable: Yes Water-resistant: No Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Hydraulics: No Pneumatics: Yes Standard product: No	Self-venting coupling:	No	
Two-hand operation: No Ball locking: Yes Pin lock: No Ultra-FLO-valve: No Vacuum suitable: Yes 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: Yes 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: Yes 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: Yes 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: No Hydraulics: No Pneumatics: Yes Standard product: No	Vacuum suitable:	Yes	
Suitable breath / respiratory protection: No 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	
Standard product: No	Hydraulics:	No	
·	Pneumatics:	Yes	
Mould coupling: No	Standard product:	No	
	Mould coupling:	No	

Dimensions

Connection A:	G 1/8
D mm:	16
L mm:	36
L1 mm:	9
SW mm:	14