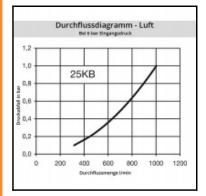
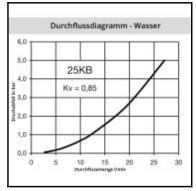


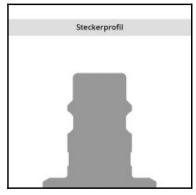
Datasheet of 25KBIW13REX Quick coupling with female thread D U S T R I E



RECTUS







Description

Quick coupling double shut-off, female thread G 1/4, nominal diameter 7.4, <35 bar, stainless steel AISI 303, seal EPDM

Universal industrial coupling with standard European profile for use with gaseous, liquid and aggressive medio. 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. The collar design minimises damage to the valve body.

Details

| Series long: Bore in mm: 7,4 Bore area in mm²: 42 Advantages: One-hand operation. Robust structure. UltraFlo valve. The collar design minimises damage to the valve body. 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 (FKM) depending on the medium. Shut-Off: Quick coupling Double Shut-Off Connection: Female thread 1/4" Connection description: Female thread of Whitworth form ISO 228 1/4" Connection type: Female thread description: Stainless steel AISI 303 Seal description: Stainless steel AISI 303 Seal description: Surface: blank finish Material connection: stainless steel AISI 303 Material valve body: stainless steel AISI 303 Material sleeve: stainless steel AISI 303 Material valve body: stainless steel AISI 303 Material sleeve: stainless steel AISI 303 Material spring snap ring: stainless steel AISI 303 Material spring snap ring: stainless steel AISI 303 Material balls/pins: Stainless steel AISI 301 Material balls/pins: Stainless steel AISI 303 Material balls/pins: Stainless steel AISI 301 Material balls/pins: No Safety locking system: No Single-hand operation: No Ball locking: Yes Pin lock: No Ultra-FLO-valve: No | Series: | 25 |
|--|---|---|
| Bore in mm: 7,4 Bore area in mm²: 42 Advantages: The collar design minimises damage to the valve body. 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 Double Shut-Off Connection: Female thread 1/4" Connection description: Female by thread of Whitworth form ISO 228 1/4" Connection type: Material description: Stainless steel AISI 303 Material description: Stainless steel AISI 303 Material connection: Stainless steel AISI 303 Material connection: Stainless steel AISI 303 Material valve body: Stainless steel AISI 303 Material sleeve: Stainless steel AISI 303 Material sleeve: Stainless steel AISI 303 Material valve body: Stainless steel AISI 303 Material valve in the stainless steel AISI 303 Material valve: Stainless steel AISI 303 Material sleeve: Stainless steel AISI 303 Material spring snap ring: Stainless steel AISI 303 Material spring snap ring: Stainless steel AISI 301 Material balls/pins: Stainless steel AISI 301 Material balls/pins: Stainless steel AISI 301 Material balls/pins: No Safety locking system: No Single-hand operation: No Ultra-FLO-valve: No Ultra-FLO-valve: No Vacuum suitable: | | |
| Bore area in mm²: Advantages: Advantages: One-hand operation. Robust structure. UltraFlo valve. The collar design minimises damage to the valve body. Working pressure: \$\begin{array}{cccccccccccccccccccccccccccccccccccc | | |
| Advantages: One-hand operation. Robust structure. UltraFlo valve. The collar design minimises damage to the valve body. 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 Double Shut-Off Connection: Female thread 1/4" Connection description: Female pipe thread of Whitworth form ISO 228 1/4" Connection type: Female thread Material: stainless steel AISI 303 Material description: Stainless steel AISI 303 Material description: Ethylene-propylene-diene rubber Surface: blank finish Material valve body: stainless steel AISI 303 Material seeve: stainless steel AISI 303 Material seeve: stainless steel AISI 303 Material valve: stainless steel AISI 303 Material spring snap ring: stainless steel AISI 301 Material spring snap ring: Material spring snap ring: Material spring snap ring: Material balls/pins: Veight in kg: 0,0961 Self-venting coupling: No Safety locking system: No Single-hand operation: Yes Pin lock: No Ultra-FLO-valve: No Vacuum suitable: No | | |
| Advantages: Working pressure: The collar design minimises damage to the valve body. 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 +220°C (FKM) depending on the medium. Shut-Off: Quick coupling Double Shut-Off Connection: Female thread 1/4" Connection description: Female bire thread of Whitworth form ISO 228 1/4" Connection type: Female thread Material: stainless steel AISI 303 Material description: Surface: blank finish Material connection: stainless steel AISI 303 Material valve body: Material valve body: stainless steel AISI 303 Material sleeve: stainless steel AISI 303 Material sleeve: stainless steel AISI 303 Material sleeve: stainless steel AISI 303 Material spring snap ring: stainless steel AISI 303 Material spring snap ring: stainless steel AISI 303 Material balls/pins: Stainless steel AISI 301 Material balls/pins: Stainless steel AISI 306 Meterial balls/pins: Stainless steel AISI 306 Meterial balls/pins: No Safety locking system: No Safety locking system: No Safety locking system: No Ball locking: Yes Pin lock: No Ultra-FLO-valve: No Vacuum suitable: No | Bore area in mm ² : | <u>'-</u> |
| 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 Double Shut-Off Connection: Female thread 1/4" Connection description: Female pipe thread of Whitworth form ISO 228 1/4" Connection type: Female thread Material: stainless steel AISI 303 Material description: Seal description: Ethylene-propylene-diene rubber Surface: blank finish Material valve body: stainless steel AISI 303 Material sleeve: stainless steel AISI 303 Material sleeve: stainless steel AISI 303 Material valve body: stainless steel AISI 303 Material sleeve: stainless steel AISI 303 Material sleeve: stainless steel AISI 303 Material valve: stainless steel AISI 303 Material sleeve: stainless steel AISI 303 Material spring snap ring: stainless steel AISI 301 Material balls/pins: Stainless steel AISI 316 Weight in kg: 0,0961 Self-venting coupling: No Safety locking system: No Single-hand operation: Yes Two-hand operation: Yes Pin lock: No Ultra-FLO-valve: No Ultra-FLO-valve: Vacuum suitable: | Advantages: | One-hand operation. Robust structure. UltraFlo valve. The collar design minimises damage to the valve body. |
| Working temperature: (EPDM) -15°C up to +200°C (FKM) depending on the medium. Quick coupling Double Shut-Off Connection: Female thread 1/4" Connection description: Female pipe thread of Whitworth form ISO 228 1/4" Connection type: Female thread Material: Stainless steel AISI 303 Material description: Stainless steel AISI 303 Seal description: Ethylene-propylene-diene rubber Surface: blank finish Material connection: stainless steel AISI 303 Material valve body: stainless steel AISI 303 Material valve body: stainless steel AISI 303 Material sleeve: stainless steel AISI 303 Material sleeve: stainless steel AISI 303 Material sleeve: stainless steel AISI 303 Material spring: stainless steel AISI 303 Material spring: stainless steel AISI 301 Material balls/pins: Stainless steel AISI 301 Material balls/pins: Stainless steel AISI 316 Weight in kg: 9,0961 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: | Working pressure: | factor 4 to 1. |
| Connection: Female thread 1/4" Connection description: Female pipe thread of Whitworth form ISO 228 1/4" Connection type: Material: Stainless steel AISI 303 Material description: Ethylene-propylene-diene rubber Surface: blank finish Material connection: stainless steel AISI 303 Material valve body: Material valve body: Material sleeve: stainless steel AISI 303 Material valve: stainless steel AISI 303 Material valve: stainless steel AISI 303 Material valve: stainless steel AISI 303 Material spring snap ring: stainless steel AISI 303 Material spring snap ring: stainless steel AISI 301 Material balls/pins: Stainless steel AISI 316 Weight in kg: 0,0961 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: | Working temperature: | (EPDM) -15°C up to +200°C (FKM) depending on the |
| Connection description: Connection type: Female thread Material: Material: Stainless steel AISI 303 Material description: Seal description: Surface: Material connection: Material connection: Material valve body: Material sleeve: Stainless steel AISI 303 Material valve: Stainless steel AISI 303 Material sleeve: Stainless steel AISI 303 Material valve: Stainless steel AISI 303 Material valve: Stainless steel AISI 303 Material sleeve: Stainless steel AISI 303 Material spring snap ring: Stainless steel AISI 301 Material balls/pins: Stainless steel AISI 301 Material balls/pins: Stainless steel AISI 316 Weight in kg: 0,0961 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: | Shut-Off: | Quick coupling Double Shut-Off |
| Connection type: Material: Material: Stainless steel AISI 303 Material description: Seal description: Ethylene-propylene-diene rubber Surface: blank finish Material connection: Material valve body: Material sleeve: Stainless steel AISI 303 Material sleeve: Stainless steel AISI 303 Material sleeve: Stainless steel AISI 303 Material valve: Stainless steel AISI 303 Material valve: Stainless steel AISI 301 Material spring snap ring: Stainless steel AISI 301 Material balls/pins: Stainless steel AISI 316 Weight in kg: 0,0961 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: | Connection: | Female thread 1/4" |
| Material: Material description: Seal description: Ethylene-propylene-diene rubber Surface: blank finish Material connection: Material valve body: Material sleeve: stainless steel AISI 303 Material valve body: stainless steel AISI 303 Material sleeve: stainless steel AISI 303 Material valve: stainless steel AISI 303 Material spring snap ring: stainless steel AISI 303 Material spring snap ring: stainless steel AISI 301 Material balls/pins: Stainless steel AISI 301 Material balls/pins: Stainless steel AISI 316 Weight in kg: 0,0961 Self-venting coupling: No Safety locking system: No Single-hand operation: Yes Two-hand operation: No Ball locking: Yes Pin lock: No Vacuum suitable: No | Connection description: | Female pipe thread of Whitworth form ISO 228 1/4" |
| Material description: Seal description: Ethylene-propylene-diene rubber Surface: blank finish Material connection: Material valve body: Material sleeve: stainless steel AISI 303 Material sleeve: stainless steel AISI 303 Material valve: stainless steel AISI 303 Material spring snap ring: stainless steel AISI 303 Material spring snap ring: stainless steel AISI 301 Material balls/pins: Stainless steel AISI 301 Material balls/pins: Stainless steel AISI 316 Weight in kg: 0,0961 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: | Connection type: | Female thread |
| Seal description: Ethylene-propylene-diene rubber Surface: blank finish Material connection: stainless steel AISI 303 Material valve body: stainless steel AISI 303 Material sleeve: stainless steel AISI 303 Material valve: stainless steel AISI 303 Material spring snap ring: stainless steel AISI 303 Material spring snap ring: stainless steel AISI 301 Material balls/pins: Stainless steel AISI 316 Weight in kg: 0,0961 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 | Material: | stainless steel AISI 303 |
| Surface: blank finish | Material description: | stainless steel AISI 303 |
| Material connection: Material valve body: Material valve body: Material sleeve: Stainless steel AISI 303 Material valve: Stainless steel AISI 303 Material spring snap ring: Material spring snap ring: Material balls/pins: Stainless steel AISI 301 Material balls/pins: Stainless steel AISI 316 Weight in kg: 0,0961 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 | Seal description: | Ethylene-propylene-diene rubber |
| Material valve body: Material sleeve: stainless steel AISI 303 Material valve: stainless steel AISI 303 Material spring snap ring: stainless steel AISI 301 Material balls/pins: Stainless steel AISI 301 Material balls/pins: Stainless steel AISI 316 Weight in kg: 0,0961 Self-venting coupling: No Safety locking system: No Single-hand operation: Two-hand operation: Yes Two-hand operation: No Ball locking: Yes Pin lock: No Ultra-FLO-valve: No Vacuum suitable: | Surface: | blank finish |
| Material sleeve: stainless steel AISI 303 Material valve: stainless steel AISI 303 Material spring snap ring: stainless steel AISI 301 Material balls/pins: Stainless steel AISI 316 Weight in kg: 0,0961 Self-venting coupling: No Safety locking system: No Single-hand operation: Two-hand operation: Yes Two-hand operation: No Ball locking: Yes Pin lock: Ultra-FLO-valve: No Vacuum suitable: | Material connection: | stainless steel AISI 303 |
| Material valve: Material spring snap ring: Material spring snap ring: Stainless steel AISI 301 Material balls/pins: Stainless steel AISI 316 Weight in kg: 0,0961 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: | Material valve body: | stainless steel AISI 303 |
| Material spring snap ring: Material balls/pins: Stainless steel AISI 301 Weight in kg: O,0961 Self-venting coupling: No Safety locking system: No Single-hand operation: Two-hand operation: No Ball locking: Pin lock: Ultra-FLO-valve: Vacuum suitable: Stainless steel AISI 301 No No No No No No No Stainless steel AISI 301 No No No No No No No No No N | Material sleeve: | stainless steel AISI 303 |
| Material balls/pins: Stainless steel AISI 316 Weight in kg: 0,0961 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 | Material valve: | stainless steel AISI 303 |
| Weight in kg: 0,0961 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 | Material spring snap ring: | stainless steel AISI 301 |
| 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 | Material balls/pins: | Stainless steel AISI 316 |
| 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 | Weight in kg: | 0,0961 |
| Single-hand operation: Yes Two-hand operation: No Ball locking: Yes Pin lock: No Ultra-FLO-valve: No Vacuum suitable: No | Self-venting coupling: | No |
| Two-hand operation: No Ball locking: Yes Pin lock: No Ultra-FLO-valve: No Vacuum suitable: No | Safety locking system: | No |
| Ball locking: Yes Pin lock: No Ultra-FLO-valve: No Vacuum suitable: No | Single-hand operation: | Yes |
| Pin lock: No Ultra-FLO-valve: No Vacuum suitable: No | Two-hand operation: | No |
| Ultra-FLO-valve: No Vacuum suitable: No | Ball locking: | Yes |
| Vacuum suitable: No | Pin lock: | No |
| | Ultra-FLO-valve: | No |
| Water registent: | Vacuum suitable: | No |
| ivvaler-resistant. Ites | Water-resistant: | Yes |
| Flat-sealing: No | Flat-sealing: | No |
| Suitable breath / respiratory protection: No | Suitable breath / respiratory protection: | No |
| Pressure eliminator: No | | No |
| Hydraulics: No | Hydraulics: | No |
| Pneumatics: Yes | Pneumatics: | Yes |
| Standard product: No | Standard product: | No |
| Mould coupling: No | Mould coupling: | No |

Dimensions

| Connection A: | G 1/4 |
|---------------|-------|
| D mm: | 23 |
| L mm: | 55,5 |
| L1 mm: | 10 |
| SW mm: | 19 |