Datasheet of 27KFIW26RVX Quick coupling with female thread DUST



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Steckerprofil

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Description

Quick coupling straight-through, female thread G 3/4, nominal diameter 10, <35 bar, stainless steel AISI 303, seal FKM

RIE

1/2 universal industrial coupling with standard European profile for use with large pneumatic consumers. Coupling system with single-hand operation. UltraFlo valve for optimum flow and low pressure drop. The series stands out for its robust design, extremely high flow and long service life even with the harshest use. The collar design minimises damage to the valve body.

Details

| Bore area in mm*: 80 Advantages: One-hand operation. Low pressure Drop. The collar design minimises damage to the valve body. UltraFlo valve. Working pressure: 35 bar maximum static working pressure with safety factor 4 to 1. Working temperature: -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 description: Female thread 3/4" Connection type: Female thread 3/4" Connection type: Female thread 3/4" Starless steel AISI 303 Starless steel AISI 303 Starless steel AISI 303 Starless steel AISI 303 Seaf description: Stainless steel AISI 303 Seaf description: Stainless steel AISI 303 Material connection: stainless steel AISI 303 Material sleeve: stainless steel AISI 303 Material slepring snap ring: stainless steel AISI 303 Material slepring snap ring: Stainless steel AISI 303 Safety locking system: No Safety locking system: No Ball locking: | Series: | 27 |
|---|---|---|
| Bore in mm: 10 Bore area in mm?: 80 Advantages: One-hand operation. Low pressure Drop. The collar design minimises damage to the valve body. UltraFlo valve. Working pressure: 35 bar maximum static working pressure with safety factor 4 to 1. Working temperature: -20°C up to +100°C (NBR) -40°C up to +120/150°C (EVDM).15°C up to +200°C (FKM) depending on the medium. Shut-Off: Quick coupling Straight-Through Connection: Female thread 3/4* Connection: Female thread 3/4* Connection: Female thread Sian Material description: stainless steel AISI 303 Statiness steel AISI 303 Seal description: Stainless steel AISI 303 Material stainless steel AISI 303 Material secription: stainless steel AISI 303 Stainless steel AISI 303 Material stainless steel AISI 303 Material secription: stainless steel AISI 303 Material secret: blank finish Material secret: stainless steel AISI 303 Material secret: stainless steel AISI 303 Material secret: stainless steel AISI 301 Material secret: stainless steel AISI 303 Material secret: stai | Series long: | 27KF |
| Doe-hand operation. Low pressure Drop. The collar design minimises damage to the valve body. UltraFlo valve. Working pressure: 35 bar maximum static working pressure with safety factor 4 to 1. Working temperature: -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 pipe thread of Whitworth form ISO 228 3/4" Connection description: Female pipe thread of Whitworth form ISO 228 3/4" Connection type: Female thread 3/4" Material: Stainless steel AISI 303 Material: Stainless steel AISI 303 Seal description: Fluororubber Surface: blank finish Material seleve: Stainless steel AISI 303 Material selexer: Viton® Weight in kg: 0,1848 Self-venting coupling: No Safety locking system: No Safety locking s | Bore in mm: | 10 |
| Advantages: design minimises damage to the valve body. UltraFlo valve. Working pressure: 35 bar maximum static working pressure with safety factor 4 to 1. Working temperature: -20°C up to +100°C (NBR) -40°C up to +120/150°C (EPDM) -16°C up to +200°C (FKM) depending on the medium. Shut-Off: Quick coupling Straight-Through Connection: Female thread 3/4° Connection description: Female thread Connection description: Female thread Stainless steel AISI 303 Stainless steel AISI 303 Material stainless steel AISI 303 Saface: blank finish Material connection: Stainless steel AISI 303 Material seleve: No Safety locking system: No Safety locking system: No Safety locking system: No < | Bore area in mm ² : | 80 |
| 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 description: Female thread 3/4" Connection type: Female thread 3/4" Connection type: Female thread 1S1303 Material: stainless steel AISI 303 Seal description: Fluororubber Surface: blank finish Material connection: stainless steel AISI 303 Seal description: Stainless steel AISI 303 Surface: blank finish Material connection: stainless steel AISI 303 Material secve: stainless steel AISI 303 Material serve: stainless steel AISI 303 Material secve: stainless steel AISI 304 Material secve: No® Stainless steel AISI 304 stainless steel AISI 305 Material secve: No <t< td=""><td>Advantages:</td><td>design minimises damage to the valve body. UltraFlo</td></t<> | Advantages: | design minimises damage to the valve body. UltraFlo |
| Working temperature:(EPDM) nedium.Shut-Off:Quick coupling Straight-ThroughConnection:Female thread 3/4"Connection description:Female thread 3/4"Connection type:Female thread of Whitworth form ISO 228 3/4"Connection type:Female thread of Whitworth form ISO 228 3/4"Connection type:Female threadMaterialstainless steel AISI 303Material description:Stainless steel AISI 303Seal description:FluororubberSurface:blank finishMaterial connection:stainless steel AISI 303Material valve body:stainless steel AISI 303Material sleeve:stainless steel AISI 301Material sleeve:stainless steel AISI 301Material spring snap ring:stainless steel AISI 301Material seal:Viton®Weight in kg:0,1848Self-venting coupling:NoSafety locking system:NoSafety locking:YesPin lock:NoUltra-FLO-valve:NoVaccum suitable:NoWater-resistant:NoSuitable breath / respiratory protection:NoSuitable breath / respiratory protection:NoPressure eliminator:NoPressure eliminator:NoPressure eliminator:NoPressure eliminator:NoPressure eliminator:NoPressure eliminator:NoPressure eliminator:NoPressure eliminator:NoPressure eli | Working pressure: | |
| Connection: Female thread 3/4" Connection description: Female pipe thread of Whitworth form ISO 228 3/4" Connection type: Female thread Material stainless steel AISI 303 Material description: Stainless steel AISI 303 Seal description: Fluororubber Surface: blank finish Material connection: stainless steel AISI 303 Material valve body: stainless steel AISI 303 Material spring snap ring: stainless steel AISI 303 Material spring snap ring: stainless steel AISI 303 Material seal: Viton® Weight in kg: 0,1848 Self-venting coupling: No Safety locking system: No Safety locking system: No Ball locking: Yes Pin lock: No Ultra-FLO-valve: No Vacuum suitable: No Suitable breath / respiratory protection: No Suitable breath / respiratory protection: No Pressure eliminator: No Preseure eliminator: | Working temperature: | (EPDM) -15°C up to +200°C (FKM) depending on the |
| Connection description:Female pipe thread of Whitworth form ISO 228 3/4"Connection type:Female threadMaterial:stainless steel AISI 303Material description:stainless steel AISI 303Seal description:FluororubberSurface:blank finishMaterial valve body:stainless steel AISI 303Material seve:stainless steel AISI 303Material seve:stainless steel AISI 303Material seve:stainless steel AISI 303Material seve:stainless steel AISI 303Material balls/pins:Stainless steel AISI 303Material seal:Viton®Weight in kg:0,1848Self-venting coupling:NoSafety locking system:NoSingle-hand operation:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:NoVacuum suitable:NoSuitable breath / respiratory protection:NoPint-sealing:NoSuitable breath / respiratory protection:NoPresure eliminator:NoPresure eliminator:NoPresure eliminator:NoPresure eliminator:NoPresure eliminator:YesStandard product:No | Shut-Off: | Quick coupling Straight-Through |
| Connection type:Fernale threadMaterial:stainless steel AISI 303Material description:stainless steel AISI 303Seal description:FluororubberSurface:blank finishMaterial connection:stainless steel AISI 303Material valve body:stainless steel AISI 303Material sleeve:stainless steel AISI 303Material sleeve:stainless steel AISI 303Material spring snap ring:stainless steel AISI 303Material balls/pins:Stainless steel AISI 301Material seal:Viton®Weight in kg:0,1848Self-venting coupling:NoSafety locking system:NoSingle-hand operation:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:NoWater resistant:NoSuitable breath / respiratory protection:NoPressure eliminator:NoPressure eliminator:NoPressure eliminator:NoPressure eliminator:NoPreumatics:YesStandard product:No | Connection: | Female thread 3/4" |
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| Seal description:FluororubberSurface:blank finishMaterial connection:stainless steel AISI 303Material valve body:stainless steel AISI 303Material sleeve:stainless steel AISI 303Material spring snap ring:stainless steel AISI 301Material balls/pins:Stainless steel AISI 301Material seal:Viton®Weight in kg:0,1848Self-venting coupling:NoSafety locking system:NoSingle-hand operation:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:NoWater-resistant:NoFlat-sealing:NoSuitable breath / respiratory protection:NoPressure eliminator:NoPressure eliminator:YesStandard product:No | Material: | stainless steel AISI 303 |
| Surface: blank finish Material connection: 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 301 Material balls/pins: Stainless steel AISI 316 Material seal: Viton® Weight in kg: 0,1848 Self-venting coupling: No Safety locking system: No Single-hand operation: Yes Two-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 Pressure eliminator: No Phydraulics: No Pneumatics: Yes Standard product: No | Material description: | stainless steel AISI 303 |
| Material connection:stainless steel AISI 303Material valve body:stainless steel AISI 303Material sleeve:stainless steel AISI 303Material spring snap ring:stainless steel AISI 301Material balls/pins:Stainless steel AISI 301Material balls/pins:Stainless steel AISI 316Material seal:Viton®Weight in kg:0,1848Self-venting coupling:NoSafety locking system:NoSingle-hand operation:YesTwo-hand operation:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:NoWater-resistant:NoFlat-sealing:NoSuitable breath / respiratory protection:NoPressure eliminator:NoPressure eliminator:Yees <td>Seal description:</td> <td>Fluororubber</td> | Seal description: | Fluororubber |
| Material valve body:stainless steel AISI 303Material sleeve:stainless steel AISI 303Material spring snap ring:stainless steel AISI 301Material balls/pins:Stainless steel AISI 301Material balls/pins:Stainless steel AISI 301Material seal:Viton®Weight in kg:0,1848Self-venting coupling:NoSafety locking system:NoSingle-hand operation:YesTwo-hand operation:YesPin lock:NoUltra-FLO-valve:NoWater-resistant:NoSuitable breath / respiratory protection:NoSuitable breath / respiratory protection:NoPressure eliminator:NoPressure eliminator:NoPressure eliminator:NoPneumatics:YesStandard product:No | Surface: | blank finish |
| Material sleeve:stainless steel AISI 303Material spring snap ring:stainless steel AISI 301Material balls/pins:Stainless steel AISI 316Material seal:Viton®Weight in kg:0,1848Self-venting coupling:NoSafety locking system:NoSingle-hand operation:YesTwo-hand operation:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:NoWater-resistant:NoSuitable breath / respiratory protection:NoPressure eliminator:NoPressure eliminator:NoPressure eliminator:NoPneumatics:YesStandard product:No | Material connection: | stainless steel AISI 303 |
| Material spring snap ring:stainless steel AISI 301Material salls/pins:Stainless steel AISI 316Material saal:Viton®Weight in kg:0,1848Self-venting coupling:NoSafety locking system:NoSingle-hand operation:YesTwo-hand operation:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:NoWater-resistant:NoSuitable breath / respiratory protection:NoPressure eliminator:NoPressure eliminator:NoPresure sitter:NoPresure sitter:NoPresure sitter:NoPresure sitter:NoPresure sitter:NoPresure sitter:NoSuitable breath / respiratory protection:NoPressure sitter:NoStandard product:No | Material valve body: | stainless steel AISI 303 |
| Material balls/pins:Stainless steel AISI 316Material seal:Viton®Weight in kg:0,1848Self-venting coupling:NoSafety locking system:NoSingle-hand operation:YesTwo-hand operation:NoBall locking:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:NoWater-resistant:NoFlat-sealing:NoSuitable breath / respiratory protection:NoPressure eliminator:NoHydraulics:NoPneumatics:YesStandard product:No | Material sleeve: | stainless steel AISI 303 |
| Material balls/pins:Stainless steel AISI 316Material seal:Viton®Weight in kg:0,1848Self-venting coupling:NoSafety locking system:NoSingle-hand operation:YesTwo-hand operation:NoBall locking:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:NoWater-resistant:NoFlat-sealing:NoSuitable breath / respiratory protection:NoPressure eliminator:NoHydraulics:NoPneumatics:YesStandard product:No | Material spring snap ring: | stainless steel AISI 301 |
| Weight in kg:0,1848Weight in kg:0,1848Self-venting coupling:NoSafety locking system:NoSingle-hand operation:YesTwo-hand operation:NoBall locking:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:NoWater-resistant:NoFlat-sealing:NoSuitable breath / respiratory protection:NoPressure eliminator:NoHydraulics:NoPneumatics:YesStandard 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: No 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: 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: | 0,1848 |
| Single-hand operation:YesTwo-hand operation:NoBall locking:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:NoWater-resistant:NoFlat-sealing:NoSuitable breath / respiratory protection:NoPressure eliminator:NoHydraulics:NoPneumatics:YesStandard product:No | 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:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:NoWater-resistant:NoFlat-sealing:NoSuitable breath / respiratory protection:NoPressure eliminator:NoHydraulics:NoPneumatics:YesStandard 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 |
| Vacuum suitable: 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: No Suitable breath / respiratory protection: No Pressure eliminator: No Hydraulics: No Pneumatics: Yes Standard product: No | Vacuum suitable: | No |
| Suitable breath / respiratory protection: No Pressure eliminator: No Hydraulics: No Pneumatics: Yes Standard product: No | Water-resistant: | No |
| Pressure eliminator: No Hydraulics: No Pneumatics: Yes Standard product: No | Flat-sealing: | No |
| Pressure eliminator: No Hydraulics: No Pneumatics: Yes Standard product: No | Suitable breath / respiratory protection: | No |
| Pneumatics: Yes Standard product: No | Pressure eliminator: | No |
| Standard product: No | Hydraulics: | No |
| | Pneumatics: | Yes |
| Mould coupling: No | Standard product: | No |
| | Mould coupling: | No |

Dimensions

| Connection A: | G 3/4 |
|---------------|-------|
| D mm: | 27 |
| L mm: | 60,5 |
| L1 mm: | 16 |
| SW mm: | 32 |

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