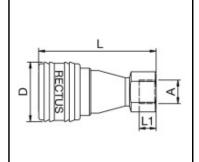
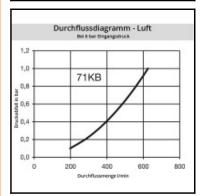
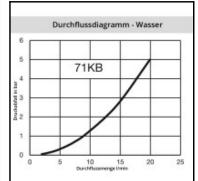
Datasheet of 71KBIW10RVX Quick coupling with female thread D U S T









Steckerprofil

Description

Quick coupling double shut-off, female thread G 1/8, nominal diameter 4,3, <250 bar, stainless steel AISI 303, seal FKM

RIE

Coupling series 71kb with plug profile compliant with ISO 7241-1 series B. Particularly suited to use with liquid medio. Coupling system with two-hand operation, i.e. both hands are required when coupling/uncoupling. The coupling series stands out for its high flow rates against a low pressure drop.

Details

Series long:71KBBore in mm:4,3Bore area in mm?:15Advantages:Particularly suited to use with liquid medio.Working pressure:PB = 250 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 Double Shut-OffConnection:Female thread 1/8"Connection description:Female thread of Whitworth form ISO 228 1/8"Connection type:Female threadMaterial:stainless steel AISI 303Material description:FluororubberSurface:blank finishMaterial connection:stainless steel AISI 303Material valve body: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 316	Series:	71
Bore in mm: 4,3 Bore area in mm?: 15 Advantages: Particularly suited to use with liquid medio. Working pressure: PB = 250 bar maximum static working pressure with safety factor 4 to 1. Working temperature: -20°C up to +100°C (INBR) -40°C up to +120/150°C (EVDM) -15°C up to +200°C (FKM) depending on the medium. Shut-Off: Quick coupling Double Shut-Off Connection: Female thread 1/8° Connection: Female thread 1/8° Connection: Female thread 1/8° Connection: stainless steel AISI 303 Material description: stainless steel AISI 303 Seal description: fluororubber Surface: blank finish Material valve body: stainless steel AISI 303 Material valve body: stainless steel AISI 303 Material valve body: stainless steel AISI 303 Material valve: stainless steel AISI 303 Material seave: stainless steel AISI 303 Material valve: stainless steel AISI 303 Material sea: Viton® Viton® 0.074 Self-venting coupling: No Single-hand operation:		
Bore area in mm*: 15 Advantages: Particularly suited to use with liquid medio. Working pressure: PB = 250 bar maximum static working pressure with safety factor 4 to 1. Source area in mm*: -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 description: Female thread 1/8" Connection description: Female pipe thread of Whitworth form ISO 228 1/8" Connection description: Female thread Surface: blank finish Safe description: Fluororuber Surface: blank finish Material serve: stainless steel AISI 303 Material spring snap ring: stainless steel AISI 303 Material spring snap ring: stainless steel AISI 303 Material spring snap ring: stainless steel AISI 304 Material seal: Viton® Weight in kg: 0,074 Self-vorking system: No Safety locking system: <t< td=""><td></td><td></td></t<>		
Advantages: Particularly suited to use with liquid medio. Working pressure: PB = 250 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 1/8" Connection description: Female pipe thread of Whitworth form ISO 228 1/8" Connection type: Female pipe thread of Whitworth form ISO 228 1/8" Connection description: Female thread 1/81 303 Material stainless steel AISI 303 Seal description: Fluororubber Surface: blank finish Material seleve: stainless steel AISI 303 Material valve body: stainless steel AISI 303 Material seleve: stainless steel AISI 303 Material selewe: stainless steel AISI 303 Material selewe: stainless steel AISI 304 Material selewe: stainless steel AISI 304 Material selewe: No <td< td=""><td></td><td>1 -</td></td<>		1 -
PB = 250 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 Double Shut-Off Connection: Female pipe thread of Whitworth form ISO 228 1/8" Connection description: Female pipe thread of Whitworth form ISO 228 1/8" Connection type: Female pipe thread of Whitworth form ISO 228 1/8" Material: stainless steel AISI 303 Material: stainless steel AISI 303 Material: stainless steel AISI 303 Seal description: Fluororubber Surface: blank finish Material valve body: stainless steel AISI 303 Material valve body: stainless steel AISI 303 Material valve: stainless steel AISI 303 Material valve: stainless steel AISI 303 Material seave: stainless steel AISI 303 Material valve: stainless steel AISI 304 Material valve: stainless steel AISI 303 Material seal: Viton® Viton® Material seal: Viton® No <td></td> <td></td>		
Working temperature:(EPDM) -15°C up to +200°C (FKM) depending on the medium.Shut-Off:Quick coupling Double Shut-OffConnection:Female thread 1/8"Connection description:Female pipe thread of Whitworth form ISO 228 1/8"Connection type:Female threadMaterial description:stainless steel AISI 303Satel description:stainless steel AISI 303Seal description:FluororubberSurface:blank finishMaterial connection:stainless steel AISI 303Material seleve:stainless steel AISI 304Material seleve:stainless steel AISI 304Material seleve:stainless steel AISI 304Material seleve:stainless steel AISI 304Material seleve:0.074Self-venting coupling:NoSafety locking system:NoSingle-hand operation:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesPin lock:NoSuitable breath / respiratory protection:YesPresure eliminator:NoHydraulics:Yes <t< td=""><td></td><td>PB = 250 bar maximum static working pressure with</td></t<>		PB = 250 bar maximum static working pressure with
Connection:Female thread 1/8"Connection description:Female pipe thread of Whitworth form ISO 228 1/8"Connection type:Female threadMaterialstainless steel AISI 303Material description:stainless steel AISI 303Seal description:FluororubberSurface:blank finishMaterial valve body:stainless steel AISI 303Material valve body:stainless steel AISI 303Material valve:stainless steel AISI 303Material valve:stainless steel AISI 303Material sleeve:stainless steel AISI 303Material sleeve:stainless steel AISI 303Material sleeve:stainless steel AISI 303Material sleeve:stainless steel AISI 303Material sless:Stainless steel AISI 303Material sless:Viton®Weight in kg:0.074Self-venting coupling:NoSingle-hand operation:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesWater-resistant:YesFlat-sealing:NoSuitable breath / respiratory protection:YesPressure eliminator:NoHydraulics:YesPressure eliminator:YesPressure eliminator:YesPressure eliminator:YesPressure eliminator:YesStandard product:Yes	Working temperature:	(EPDM) -15°C up to +200°C (FKM) depending on the
Connection description:Female pipe thread of Whitworth form ISO 228 1/8"Connection type:Female 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 valve body:stainless steel AISI 303Material valve body:stainless steel AISI 303Material seleve:stainless steel AISI 303Material spring snap ring:stainless steel AISI 303Material balls/pins:Stainless steel AISI 301Material balls/pins:Stainless steel AISI 301Material seal:Viton®Weight in kg:0,074Self-venting coupling:NoSafety locking system:NoSingle-hand operation:YesBall locking:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesFlat-sealing:NoSuitable breath / respiratory protection:YesPressure eliminator:YesPressure eliminator:YesPressure eliminator:YesPressure eliminator:YesPressure eliminator:YesPressure eliminator:YesPressure eliminator:YesPressure eliminator:YesPressure eliminator:YesPressure eliminator:YesStandard product:Yes	Shut-Off:	Quick coupling Double Shut-Off
Connection type:Female 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 valve body:stainless steel AISI 303Material valvestainless steel AISI 303Material valve: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:0,074Self-venting coupling:NoSingle-hand operation:NoTwo-hand operation:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesPin lock:NoSuitable breath / respiratory protection:YesPressure eliminator:NoSuitable breath / respiratory protection:YesPressure eliminator:NoHydraulics:YesPneumatics:YesStandard product:Yes	Connection:	Female thread 1/8"
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 valve body: stainless steel AISI 303 Material seve: stainless steel AISI 303 Material spring snap ring: stainless steel AISI 303 Material balls/pins: Stainless steel AISI 301 Material seal: Viton® Weight in kg: 0,074 Self-venting coupling: No Safet locking system: No Single-hand operation: Yes Ball locking: Yes Pin lock: No Utra-FLO-valve: No Vacuum suitable: Yes Flat-sealing: No Suitable breath / respiratory protection: Yes Pressure eliminator: No Suitable breath / respiratory protection: Yes Presume eliminator: Yes Presume eliminator: Yes Presume	Connection description:	Female pipe thread of Whitworth form ISO 228 1/8"
Material description:stainless steel AISI 303Seal description:FluororubberSurface:blank finishMaterial connection:stainless steel AISI 303Material valve body:stainless steel AISI 303Material valve body:stainless steel AISI 303Material valve body:stainless steel AISI 303Material valve:stainless steel AISI 303Material valve:stainless steel AISI 303Material spring snap ring:stainless steel AISI 301Material balls/pins:Stainless steel AISI 301Material seal:Viton®Weight in kg:0,074Self-venting coupling:NoSafety locking system:NoSingle-hand operation:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesWater-resistant:YesFlat-sealing:NoSuitable breath / respiratory protection:YesPressure eliminator:NoHydraulics:YesStandard product:Yes	Connection type:	Female thread
Seal description:FluororubberSurface:blank finishMaterial connection:stainless steel AISI 303Material valve body:stainless steel AISI 303Material valve body:stainless steel AISI 303Material valve:stainless steel AISI 303Material valve:stainless steel AISI 303Material spring snap ring:stainless steel AISI 301Material balls/pins:Stainless steel AISI 301Material seal:Viton®Weight in kg:0,074Self-venting coupling:NoSafety locking system:NoSingle-hand operation:YesBall locking:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesFlat-sealing:NoSuitable breath / respiratory protection:YesPressure eliminator:NoHydraulics:YesPresure eliminator:NoHydraulics:YesStandard product:Yes	Material:	stainless steel AISI 303
Surface:blank finishMaterial connection:stainless steel AISI 303Material valve body:stainless steel AISI 303Material sleeve:stainless steel AISI 303Material valve:stainless steel AISI 303Material valve:stainless steel AISI 303Material spring snap ring:stainless steel AISI 301Material balls/pins:Stainless steel AISI 301Material seal:Viton®Weight in kg:0,074Self-venting coupling:NoSafety locking system:NoSingle-hand operation:YesBal locking:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesWater-resistant:YesFlat-sealing:NoSuitable breath / respiratory protection:YesPressure eliminator:NoHydraulics:YesPneumatics:YesStandard product:Yes	Material description:	stainless steel AISI 303
Material connection:stainless steel AISI 303Material valve body:stainless steel AISI 303Material sleeve:stainless steel AISI 303Material valve:stainless steel AISI 303Material spring snap ring:stainless steel AISI 303Material balls/pins:Stainless steel AISI 301Material seal:Viton®Weight in kg:0,074Self-venting coupling:NoSafety locking system:NoSingle-hand operation:YesBall locking:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesFlat-sealing:NoSuitable breath / respiratory protection:YesPressure eliminator:YesPressure eliminator:YesPresure eliminator:YesPresure eliminator:YesPresure eliminator:YesStandard product:Yes	Seal description:	Fluororubber
Material valve body:stainless steel AISI 303Material sleeve:stainless steel AISI 303Material sleeve:stainless steel AISI 303Material spring snap ring:stainless steel AISI 301Material spring snap ring:stainless steel AISI 301Material balls/pins:Stainless steel AISI 316Material seal:Viton®Weight in kg:0,074Self-venting coupling:NoSafety locking system:NoSingle-hand operation:NoTwo-hand operation:YesBall locking:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesFlat-sealing:NoSuitable breath / respiratory protection:YesPressure eliminator:NoHydraulics:YesPneumatics:YesStandard product:Yes	Surface:	blank finish
Material sleeve:stainless steel AISI 303Material valve:stainless steel AISI 303Material spring snap ring:stainless steel AISI 301Material sal:Viton®Weight in kg:0,074Self-venting coupling:NoSafety locking system:NoSingle-hand operation:YesBall locking:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesFlat-sealing:NoSuitable breath / respiratory protection:YesPressure eliminator:NoSuitable breath / respiratory protection:YesPressure eliminator:YesPressure eliminator:YesPresure eliminator:YesPresure eliminator:YesPresure eliminator:YesPresure eliminator:YesStandard product:Yes	Material connection:	stainless steel AISI 303
Material valve:stainless steel AISI 303Material spring snap ring:stainless steel AISI 301Material balls/pins:Stainless steel AISI 316Material seal:Viton®Weight in kg:0,074Self-venting coupling:NoSafety locking system:NoSingle-hand operation:YesBall locking:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesFlat-sealing:NoSuitable breath / respiratory protection:YesPressure eliminator:NoHydraulics:YesPreumatics:YesStatadard product:Yes	Material valve body:	stainless steel AISI 303
Material spring snap ring:stainless steel AISI 301Material balls/pins:Stainless steel AISI 316Material seal:Viton®Weight in kg:0,074Self-venting coupling:NoSafety locking system:NoSingle-hand operation:NoTwo-hand operation:YesBall locking:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesFlat-sealing:NoSuitable breath / respiratory protection:YesPressure eliminator:NoHydraulics:YesPneumatics:YesStandard product:Yes	Material sleeve:	stainless steel AISI 303
Material balls/pins:Stainless steel AISI 316Material seal:Viton®Weight in kg:0,074Self-venting coupling:NoSafety locking system:NoSingle-hand operation:NoTwo-hand operation:YesBall locking:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesFlat-sealing:NoSuitable breath / respiratory protection:YesPressure eliminator:NoHydraulics:YesPneumatics:YesStandard product:Yes	Material valve:	stainless steel AISI 303
Material seal:Viton®Weight in kg:0,074Self-venting coupling:NoSafety locking system:NoSingle-hand operation:NoTwo-hand operation:YesBall locking:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesWater-resistant:YesFlat-sealing:NoSuitable breath / respiratory protection:YesPressure eliminator:NoHydraulics:YesPneumatics:YesStandard product:Yes	Material spring snap ring:	stainless steel AISI 301
Weight in kg:0,074Self-venting coupling:NoSafety locking system:NoSingle-hand operation:NoTwo-hand operation:YesBall locking:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesWater-resistant:YesFlat-sealing:NoSuitable breath / respiratory protection:YesPressure eliminator:NoHydraulics:YesPneumatics:YesStandard product:Yes	Material balls/pins:	Stainless steel AISI 316
Self-venting coupling:NoSafety locking system:NoSingle-hand operation:NoTwo-hand operation:YesBall locking:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesWater-resistant:YesFlat-sealing:NoSuitable breath / respiratory protection:YesPressure eliminator:NoHydraulics:YesStandard product:Yes	Material seal:	Viton®
Safety locking system: No Single-hand operation: No Two-hand operation: Yes Ball locking: Yes Pin lock: No Ultra-FLO-valve: No Vacuum suitable: Yes Water-resistant: Yes Flat-sealing: No Suitable breath / respiratory protection: Yes Pressure eliminator: No Hydraulics: Yes Pneumatics: Yes Standard product: Yes	Weight in kg:	0,074
Single-hand operation:NoTwo-hand operation:YesBall locking:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesWater-resistant:YesFlat-sealing:NoSuitable breath / respiratory protection:YesPressure eliminator:YesHydraulics:YesPneumatics:YesStandard product:Yes	Self-venting coupling:	No
Two-hand operation:YesBall locking:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesWater-resistant:YesFlat-sealing:NoSuitable breath / respiratory protection:YesPressure eliminator:NoHydraulics:YesPneumatics:YesStandard product:Yes	Safety locking system:	No
Ball locking:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesWater-resistant:YesFlat-sealing:NoSuitable breath / respiratory protection:YesPressure eliminator:NoHydraulics:YesPneumatics:YesStandard product:Yes	Single-hand operation:	No
Pin lock: No Ultra-FLO-valve: No Vacuum suitable: Yes Water-resistant: Yes Flat-sealing: No Suitable breath / respiratory protection: Yes Pressure eliminator: No Hydraulics: Yes Pneumatics: Yes Standard product: Yes	Two-hand operation:	Yes
No No Vacuum suitable: Yes Water-resistant: Yes Flat-sealing: No Suitable breath / respiratory protection: Yes Pressure eliminator: No Hydraulics: Yes Pneumatics: Yes Standard product: Yes	Ball locking:	Yes
Vacuum suitable: Yes Water-resistant: Yes Flat-sealing: No Suitable breath / respiratory protection: Yes Pressure eliminator: No Hydraulics: Yes Pneumatics: Yes Standard product: Yes	Pin lock:	No
Water-resistant: Yes Flat-sealing: No Suitable breath / respiratory protection: Yes Pressure eliminator: No Hydraulics: Yes Pneumatics: Yes Standard product: Yes	Ultra-FLO-valve:	No
Flat-sealing: No Suitable breath / respiratory protection: Yes Pressure eliminator: No Hydraulics: Yes Pneumatics: Yes Standard product: Yes	Vacuum suitable:	Yes
Suitable breath / respiratory protection: Yes Pressure eliminator: No Hydraulics: Yes Pneumatics: Yes Standard product: Yes	Water-resistant:	Yes
Pressure eliminator: No Hydraulics: Yes Pneumatics: Yes Standard product: Yes	Flat-sealing:	No
Pressure eliminator: No Hydraulics: Yes Pneumatics: Yes Standard product: Yes	Suitable breath / respiratory protection:	Yes
Pneumatics: Yes Standard product: Yes		No
Standard product: Yes	Hydraulics:	Yes
	Pneumatics:	Yes
Mould coupling: Yes	Standard product:	Yes
	Mould coupling:	Yes

Dimensions

Connection A:	G 1/8
D mm:	25
L mm:	48,5
L1 mm:	7
SW mm:	14