



Nominal Diameter

4.3 = 15 mm²

RECTUS Series

71KB



actual size



Technical Description

Smallest dimensions for a couplings series according to ISO 7241-1 series B. Particularly suitable for use with liquid media. This is a two-hand operation coupling system, i.e. the sleeve must be pushed back manually when coupling.

Advantages

High flow rate – marginal pressure drop. Plug Profile according to ISO-Norm.

Working Pressure

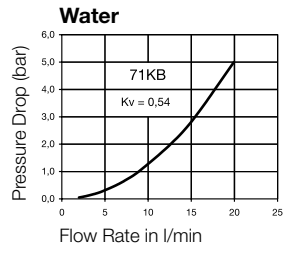
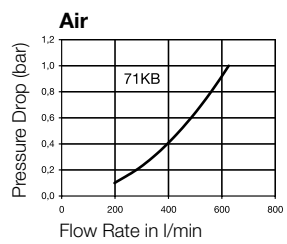
PB = 250 bar maximum static working pressure until 50°C with safety factor of 4 to 1.

Working Temperature*

-15°C up to +200°C (FKM)
0°C up to +316°C (FFKM)
depending on the medium.

*At a temperature below -15°C and above +200°C special seals are available on request.

Chart



You will find the following alternative versions in our current catalogue on page:

- ▶ Thermoplastics P. 246
- ▶ Medium-/High-Pressure TIB P. 412

Material

Coupling

- Back Body
- Sleeve
- Valve
- Spring and Locking Ring
- Locking Balls
- Seals
- Spring Plate

AISI 303

- AISI 303
- AISI 303
- AISI 303
- AISI 301
- AISI 316
- FKM
- AISI 301

AISI 316 L

- AISI 316 L
- AISI 316 L
- AISI 316 L
- AISI 316 Ti
- AISI 316
- FKM
- AISI 316 L

Plug

- Plug Profile
- Valve
- Spring
- Spring Plate
- Seal

- AISI 303
- AISI 303
- AISI 301
- AISI 301
- FKM

- AISI 316 L
- AISI 316 L
- AISI 316 Ti
- AISI 316 L
- FKM

Couplings

RECTUS Series 71KB

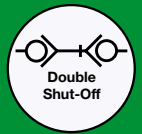
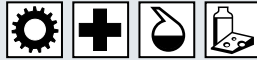
Diagram	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number	DS
<p>Female Thread</p>	G 1/8	14	48,5	25	7					AISI 303	71KB IW10 RVX	■ □
										AISI 316 L	71KB IW10 EVX	■ □

Valved Plugs

RECTUS Series 71KB

Diagram	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number	DS
<p>Female Thread</p>	G 1/8	14	29,5		7					AISI 303	71SB IW10 RVX	■ □
										AISI 316 L	71SB IW10 EVX	■ □

DS = Delivery Status ■ in stock ■ □ on short call □ medium term delivery



Technical Description

Couplings series according to ISO 7241-1 series B. Particularly suitable for use with liquid media. This is a two-hand operation coupling system, i.e. the sleeve must be pushed back manually when coupling.

Advantages

High flow rate – marginal pressure drop. Plug Profile according to ISO-Norm.

Working Pressure

PB = 250 bar, maximum static working pressure until 50°C with safety factor of 4 to 1.

Working Temperature*

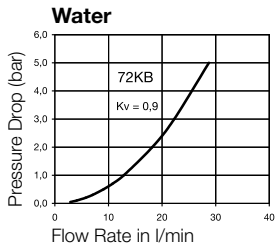
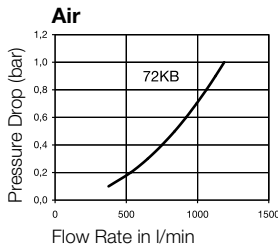
-15°C up to +200°C (FKM)
0°C up to +316 °C (FFKM)
depending on the medium.

*At a temperature below -15°C and above +200°C special seals are available on request.



actual size

Chart



Material

Coupling

Back Body
Sleeve
Valve
Spring and Locking Ring
Locking Balls
Seals
Spring Plate

AISI 303

AISI 303
AISI 303
AISI 303
AISI 301
AISI 316
FKM
AISI 301

AISI 316 L

AISI 316 L
AISI 316 L
AISI 316 L
AISI 316 Ti
AISI 316
FKM
AISI 316 L

Plug

Plug Profile
Valve
Spring
Spring Plate
Seal

AISI 303
AISI 303
AISI 301
AISI 301
FKM

AISI 316 L
AISI 316 L
AISI 316 Ti
AISI 316 L
FKM

You will find the following alternative versions in our current catalogue on page:

- ▶ Thermoplastics P. 247
- ▶ Medium-/High-Pressure TIB P. 413

Couplings

RECTUS Series 72KB

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number	DS
<p>Female Thread</p>	G 1/4	19	57,5	29	10					AISI 303	72KB IW13 RVX	■
										AISI 316 L	72KB IW13 EVX	■

Valved Plugs

RECTUS Series 72KB

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number	DS
<p>Female Thread</p>	G 1/4	19	35		10					AISI 303	72SB IW13 RVX	■
										AISI 316 L	72SB IW13 EVX	■



Nominal Diameter
7.5 = 44 mm²

RECTUS Series
73KB



90% of actual size

Technical Description

Couplings series according to ISO 7241-1 series B. Particularly suitable for use with liquid media. This is a two-hand operation coupling system, i.e. the sleeve must be pushed back manually when coupling.

Advantages

High flow rate – marginal pressure drop. Plug Profile according to ISO-Norm.

Working Pressure

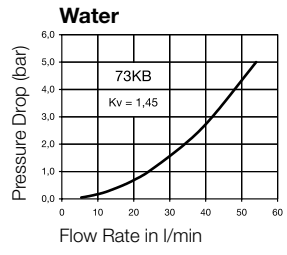
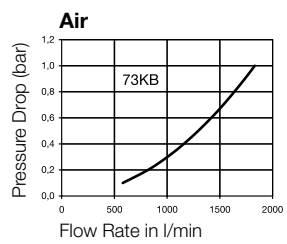
PB = 250 bar, maximum static working pressure until 50°C with safety factor of 4 to 1.

Working Temperature*

-15°C up to +200°C (FKM)
0°C up to +316 °C (FFKM)
depending on the medium.

*At a temperature below -15°C and above +200°C special seals are available on request.

Chart



You will find the following alternative versions in our current catalogue on page:

- ▶ Thermoplastics P. 248
- ▶ Medium-/High-Pressure TIB P. 416

Material

Coupling

- Back Body
- Sleeve
- Valve
- Spring and Locking Ring
- Locking Balls
- Seals
- Spring Plate

AISI 303

- AISI 303
- AISI 303
- AISI 303
- AISI 301
- AISI 316
- FKM
- AISI 301

AISI 316 L

- AISI 316 L
- AISI 316 L
- AISI 316 L
- AISI 316 Ti
- AISI 316
- FKM
- AISI 316 L

Plug

- Plug Profile
- Valve
- Spring
- Spring Plate
- Seal

- AISI 303
- AISI 303
- AISI 301
- AISI 301
- FKM

- AISI 316 L
- AISI 316 L
- AISI 316 Ti
- AISI 316 L
- FKM

Couplings

RECTUS Series 73KB

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number	DS
<p>Female Thread</p>	G 3/8	22	64	35	11,5					AISI 303	73KB IW17 RVX	■ □
										AISI 316 L	73KB IW17 EVX	■ □

Valved Plugs

RECTUS Series 73KB

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number	DS
<p>Female Thread</p>	G 3/8	22	39		11,5					AISI 303	73SB IW17 RVX	■ □
										AISI 316 L	73SB IW17 EVX	■ □

DS = Delivery Status ■ in stock □ on short call □ medium term delivery



Technical Description

Couplings series according to ISO 7241-1 series B. Particularly suitable for use with liquid media. This is a two-hand operation coupling system, i.e. the sleeve must be pushed back manually when coupling.

Advantages

High flow rate – marginal pressure drop. Plug Profile according to ISO-Norm.

Working Pressure

PB = 250 bar, maximum static working pressure until 50°C with safety factor of 4 to 1.

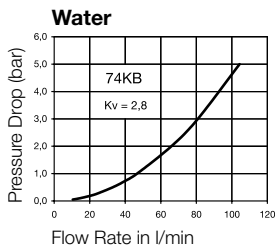
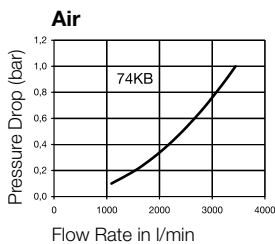
Working Temperature

-15°C up to +200°C (FKM)
0°C up to +316°C (FFKM)
depending on the medium.

*At a temperature below -15°C and above +200°C special seals are available on request.



Chart



Material

Coupling

Back Body
Sleeve
Valve
Spring and Locking Ring
Locking Balls
Seals
Spring Plate

AISI 303

AISI 303
AISI 303
AISI 303
AISI 301
AISI 316
FKM
AISI 316 L

AISI 316 L

AISI 316 L
AISI 316 L
AISI 316 L
AISI 316 Ti
AISI 316
FKM
AISI 316 L

Plug

Plug Profile
Valve
Spring
Spring Plate
Seal

AISI 303
AISI 303
AISI 301
AISI 316 L
FKM

AISI 316 L
AISI 316 L
AISI 316 Ti
AISI 316 L
FKM

You will find the following alternative versions in our current catalogue on page:

- ▶ Thermoplastics P. 249
- ▶ Medium-/High-Pressure TIB P. 419

Couplings

RECTUS Series 74KB

	Connection A	Hex	L	D	L1	L2	Hex1	B	G	Version	Part Number	DS
		SW	mm	mm	mm	mm	SW1	mm	mm			
<p>Female Thread</p>	G 1/2	27	76	44,5	16					AISI 303	74KB IW21 RVX	■
										AISI 316 L	74KB IW21 EVX	■

Valved Plugs

RECTUS Series 74KB

	Connection A	Hex	L	D	L1	L2	Hex1	B	G	Version	Part Number	DS
		SW	mm	mm	mm	mm	SW1	mm	mm			
<p>Female Thread</p>	G 1/2	27	48		16					AISI 303	74SB IW21 RVX	■
										AISI 316 L	74SB IW21 EVX	■



Nominal Diameter

13 = 133 mm²

RECTUS Series

75KB



60% of actual size

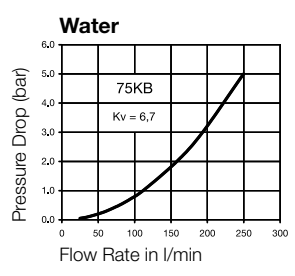
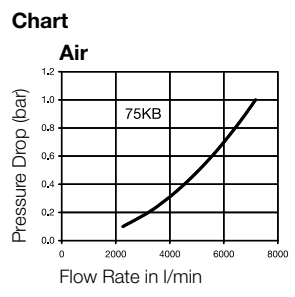
Technical Description
Couplings series according to ISO 7241-1 series B. Particularly suitable for use with liquid media. This is a two-hand operation coupling system, i.e. the sleeve must be pushed back manually when coupling.

Advantages
High flow rate – marginal pressure drop. Plug Profile according to ISO-Norm.

Working Pressure
PB =160 bar maximum static working pressure until 50°C with safety factor of 4 to 1.

Working Temperature*
-15°C up to +200°C (FKM)
0°C bis +316°C (FFKM)
depending on the medium.

*At a temperature below -15°C and above +200°C special seals are available on request.



You will find the following alternative versions in our current catalogue on page:

- ▶ Thermoplastics P. 250
- ▶ Medium-/High-Pressure TIB P. 422

Material	AISI 303	AISI 316 L
Coupling		
Back Body	AISI 303	AISI 316 L
Sleeve	AISI 303	AISI 316 L
Valve	AISI 303	AISI 316 L
Spring and Locking Ring	AISI 301	AISI 316 Ti
Locking Balls	AISI 316	AISI 316
Seals	FKM	FKM
Spring Plate	AISI 301	AISI 316 L

Plug	AISI 303	AISI 316 L
Plug Profile	AISI 303	AISI 316 L
Valve	AISI 303	AISI 316 L
Spring	AISI 301	AISI 316 Ti
Spring Plate	AISI 301	AISI 316 L
Seal	FKM	FKM

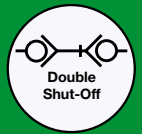
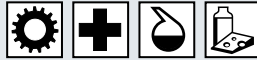
Couplings **RECTUS Series 75KB**

Diagram	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number	DS
		G 3/4	34	96	55	24					AISI 303	75KB IW26 RVX
										AISI 316 L	75KB IW26 EVX	■□

Valved Plugs **RECTUS Series 75KB**

Diagram	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number	DS
		G 3/4	36	60		24					AISI 303	75SB IW26 RVX
										AISI 316 L	75SB IW26 EVX	■□

DS = Delivery Status ■ in stock ■□ on short call □ medium term delivery



Technical Description

Couplings series according to ISO 7241-1 series B. Particularly suitable for use with liquid media. This is a two-hand operation coupling system, i.e. the sleeve must be pushed back manually when coupling.

Advantages

High flow rate – marginal pressure drop. Plug Profile according to ISO-Norm.

Working Pressure

PB = 100 bar, maximum static working pressure until 50°C with safety factor of 4 to 1.

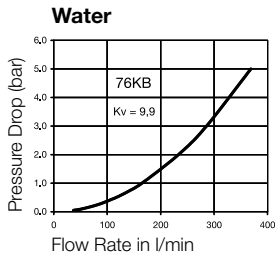
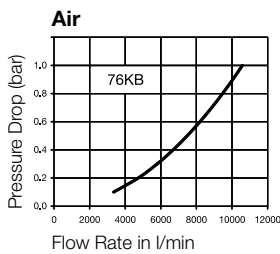
Working Temperature*

-15°C up to +200°C (FKM)
0°C bis +316°C (FFKM)
depending on the medium.

*At a temperature below -15°C and above +200°C special seals are available on request.



Chart



Material

Coupling

Back Body
Sleeve
Valve
Spring and Locking Ring
Locking Balls
Seals
Spring and Locking Ring

AISI 303

AISI 303
AISI 303
AISI 303
AISI 316 L
AISI 316
FKM
AISI 301

AISI 316 L

AISI 316 L
AISI 316 L
AISI 316 L
AISI 316 Ti
AISI 316
FKM
AISI 316 L

Plug

Plug Profile
Valve
Spring and Locking Ring
Spring Plate
Seal

AISI 303
AISI 303
AISI 316 L
AISI 301
FKM

AISI 316 L
AISI 316 L
AISI 316 Ti
AISI 316 L
FKM

You will find the following alternative versions in our current catalogue on page:

- ▶ Thermoplastics P. 251
- ▶ Medium-/High-Pressure TIB P. 425

Couplings

RECTUS Series 76KB

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number	DS
<p>Female Thread</p>	G 1	41	105,5	62	24					AISI 303	76KB IW33 RVX	■
										AISI 316 L	76KB IW33 EVX	■

Valved Plugs

RECTUS Series 76KB

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number	DS
<p>Female Thread</p>	G 1	14	43	18	7					AISI 303	76SB IW33 RVX	■
										AISI 316 L	76SB IW33 EVX	■