



Nominal Diameter

4,3 = 15 mm²

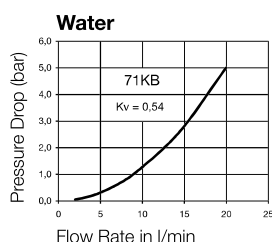
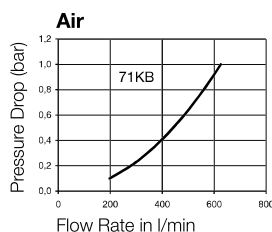
RECTUS Series

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.

Chart

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

- ☒ Thermoplastics P. 256
- ☒ Brass/Steel Double Shut-off P. 124

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.

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

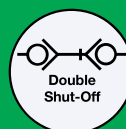
AISI 316 L
AISI 316 L
AISI 316 Ti
AISI 316 L
FKM

Couplings**RECTUS Series 71KB**

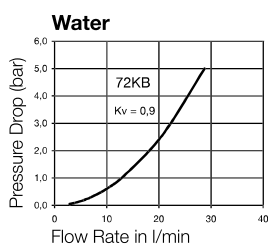
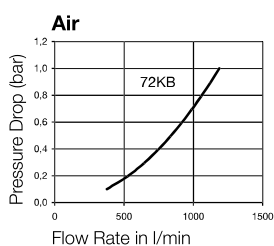
	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 Female Thread	G 1/8	14	48,5	25	7					AISI 303	71KB IW10 RVX
										AISI 316 L	71KB IW10 EVX

Valved Plugs**RECTUS Series 71KB**

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

**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.

Chart**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.

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



actual size

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

- ☒ Thermoplastics P. 257
- ☒ Brass/Steel Double Shut-off P. 134

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
 Female Thread	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
 Female Thread	G 1/4	19	35		10					AISI 303	72SB IW13 RVX
										AISI 316 L	72SB IW13 EVX

⚠ Please consider our security advices on the pages 12/13 ⚠



Nominal Diameter

7,5 = 44 mm²

RECTUS Series

73KB


90% of actual size



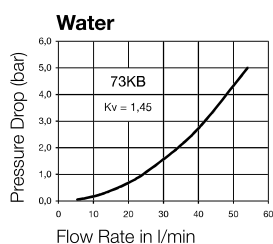
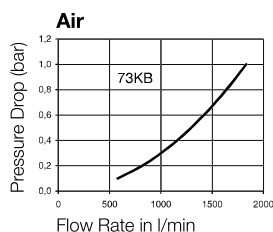
You will find the following alternative versions in our current catalogue on page:

- ☒ Thermoplastics P. 258
☒ Brass/Steel Double Shut-off P. 144

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.

Chart



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.

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

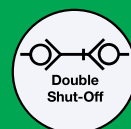
RECTUS Series 73KB

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

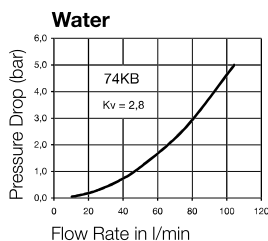
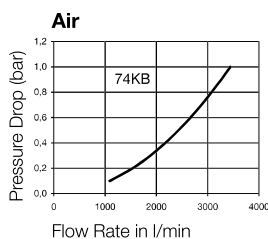
Valved Plugs

RECTUS Series 73KB

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

**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.

Chart**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.

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. 259
- ☒ Brass/Steel Double Shut-off P. 150

Couplings**RECTUS Series 74KB**

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 Female Thread	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 SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 Female Thread	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



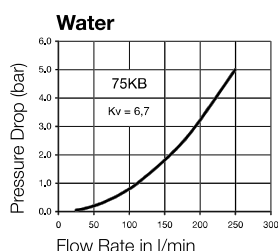
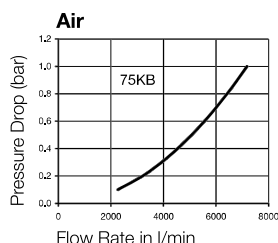
60% of actual size

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

- ☒ Thermoplastics P. 260
☒ Brass/Steel Double Shut-off P. 154

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.

Chart**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.

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 75KB**

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

Valved Plugs**RECTUS Series 75KB**

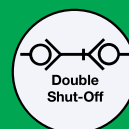
	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 Female Thread	G 3/4	36	60		24					AISI 303	75SB IW26 RVX
										AISI 316 L	75SB IW26 EVX

RECTUS Series

76KB



Nominal Diameter

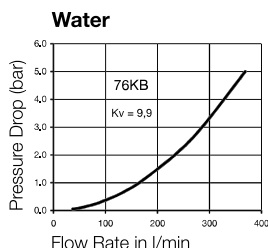
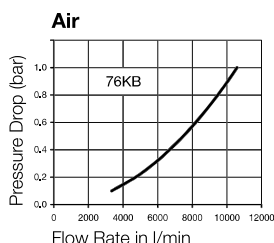
314 mm² = 20

Stainless Steel

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.

Chart



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.

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. 261
- ☒ Brass/Steel Double Shut-off P. 160

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
 Female Thread	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
 Female Thread	G 1	14	43	18	7					AISI 303	76SB IW33 RVX
										AISI 316 L	76SB IW33 EVX

⚠ Please consider our security advices on the pages 12/13 ⚠