



Nominal Diameter

**4,3** = 15 mm<sup>2</sup>

RECTUS Series

**71KB**


actual size

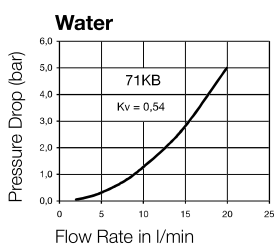
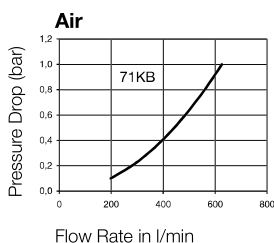


You will find the following alternative versions in our current catalogue on page:

- Stainless Steel Double Shut-off P. 216
- Brass/Steel Double Shut-off P. 124

**Technical Description**

The 71KB series is a double shut-off hydraulic coupling used for liquid media. The plug profile is manufactured in accordance with ISO-7241-1, series B. All versions mentioned below are manufactured from non-rusting stainless steel or POM. This coupling requires two handed operation (the sleeve must be manually pulled back when connecting).

**Chart****Advantages**

Simple, yet rugged construction guarantees the highest safety.

**Working Pressure**

PB = 15 bar (at 50°C)  
maximum static working pressure with safety factor of 4 to 1.

**Working Temperature\***

-20°C up to +90°C (NBR)  
-40°C up to +90°C (EPDM)  
-15°C up to +90°C (FKM)  
depending on the medium.

\*At a temperature below -20°C and above +90°C special seals are available on request.

**Material****Coupling**

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

**Standard**

POM, white  
POM, white  
AISI 303  
AISI 301  
AISI 316  
NBR  
AISI 301

**Plug**

Plug Profile  
Valve  
Spring  
Seal  
Spring Plate

POM, white  
AISI 303  
AISI 301  
NBR  
AISI 301

**Coupling****RECTUS Series 71KB**

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
<p>Female Thread</p>	G 1/8	14	48,5	24,5	7					Standard	71KB IW10 DPX

**Valved Plug****RECTUS Series 71KB**

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
<p>Female Thread</p>	G 1/8	14	29,5		7					Standard	71SB IW10 DPX

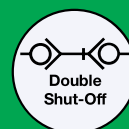
# RECTUS Series

## 72KB



Nominal Diameter

28 mm<sup>2</sup> = **6**

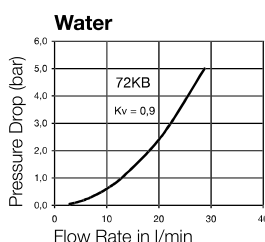
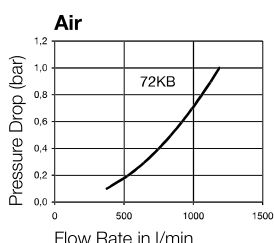


Thermoplastic

### Technical Description

The 72KB series is a double shut-off hydraulic coupling used for liquid media. The plug profile is manufactured in accordance with ISO-7241-1, series B. All versions mentioned below are manufactured from non-rusting stainless steel or POM. This coupling requires two handed operation (the sleeve must be manually pulled back when connecting).

### Chart



### Advantages

Simple, yet rugged construction guarantees the highest safety.

### Working Pressure

PB = 15 bar (at 50°C)  
maximum static working pressure with safety factor of 4 to 1.

### Working Temperature\*

-20°C up to +90°C (NBR)  
-40°C up to +90°C (EPDM)  
-15°C up to +90°C (FKM)  
0°C up to +90°C (FFKM)  
depending on the medium.

\*At a temperature below -20°C and above +90°C special seals are available on request.

### Material

#### Coupling

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

### Standard

POM, white  
POM, white  
AISI 303  
AISI 301  
AISI 316  
NBR  
AISI 301

### Plug

Plug Profile  
Valve  
Spring  
Spring Plate  
Seal

POM, white  
AISI 303  
AISI 301  
AISI 301  
NBR



actual size

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

- Stainless Steel Double Shut-off P. 217
- Brass/Steel Double Shut-off P. 134

## Coupling

## 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	28,5	10					Standard	72KB IW13 DPX

## Valved Plug

## 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					Standard	72SB IW13 DPX

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



Nominal Diameter

7,5 = 44 mm<sup>2</sup>

RECTUS Series

73KB



85% of actual size

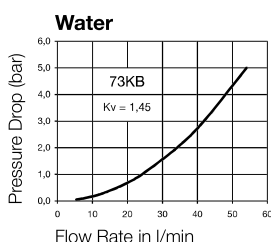
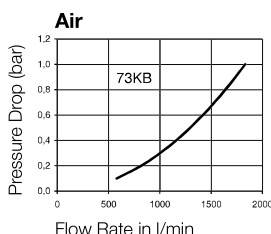


You will find the following alternative versions in our current catalogue on page:

- Stainless Steel Double Shut-off P. 218
- Brass/Steel Double Shut-off P. 144

**Technical Description**

The 73KB series is a double shut-off hydraulic coupling used for liquid media. The plug profile is manufactured in accordance with ISO-7421-1, series B. All versions mentioned below are manufactured from non-rusting stainless steel or POM. This coupling requires two handed operation (the sleeve must be manually pulled back when connecting).

**Chart****Advantages**

Simple, yet rugged construction guarantees the highest safety.

**Working Pressure**

PB = 15 bar (at 50°C)  
maximum static working pressure with safety factor of 4 to 1.

**Working Temperature\***

-20°C up to +90°C (NBR)  
-40°C up to +90°C (EPDM)  
-15°C up to +90°C (FKM)  
0°C up to 90°C (FFKM)  
depending on the medium.

\*At a temperature below -20°C and above +90°C special seals are available on request.

**Material****Coupling**

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

**Standard**

POM, white  
POM, white  
AISI 303  
AISI 301  
AISI 316  
NBR  
AISI 301

**Plug**

Plug Profile  
Valve  
Spring  
Spring Plate  
Seal

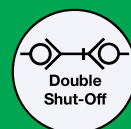
POM, white  
AISI 303  
AISI 301  
AISI 301  
NBR

**Coupling****RECTUS Series 73KB**

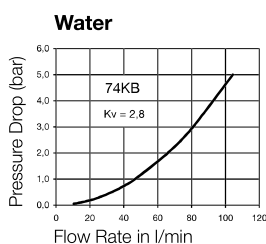
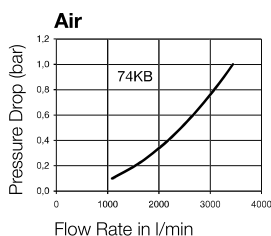
	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 Female Thread	G 3/8	22	64	35	11,5					Standard	73KB IW17 DPX

**Valved Plug****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					Standard	73SB IW17 DPX

**Technical Description**

The 74KB series is a double shut-off hydraulic coupling used for liquid media. The plug profile is manufactured in accordance with ISO-7421-1, series B. All versions mentioned below are manufactured from non-rusting stainless steel or POM. This coupling requires two handed operation (the sleeve must be manually pulled back when connecting).

**Chart****Advantages**

Simple, yet rugged construction guarantees the highest safety.

**Working Pressure**

PB = 10 bar (at 50°C), maximum static working pressure with safety factor of 4 to 1.

**Working Temperature\***

-20°C bis +90°C (NBR)  
-40°C bis +90 (EPDM)  
-15°C bis +90°C (FKM)  
0°C bis +90°C (FFKM)  
depending on the medium.

\*At a temperature below -20°C and above +90°C special seals are available on request.

**Material****Coupling**

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

**Standard**

POM, white  
POM, white  
AISI 303  
AISI 301  
AISI 316  
NBR  
AISI 301

**Plug**

Plug Profile  
Valve  
Spring  
Spring Plate  
Seal

POM, white  
AISI 303  
AISI 301  
AISI 301  
NBR



75% of actual size

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

- Stainless Steel Double Shut-off P. 219
- Brass/Steel Double Shut-off P. 150

**Coupling****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					Standard	74KB IW21 DPX

**Valved Plug****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					Standard	74SB IW21 DPX

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



Nominal Diameter

**13** = 133 mm<sup>2</sup>

RECTUS Series

**75KB**


55% of actual size



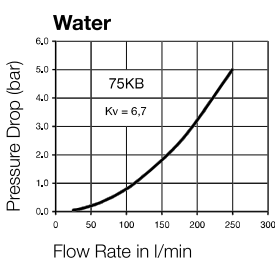
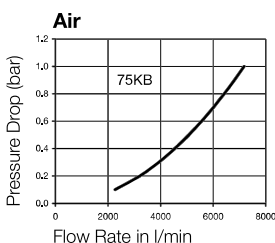
You will find the following alternative versions in our current catalogue on page:

- Stainless Steel Double Shut-off P. 220
- Brass/Steel Double Shut-off P. 154

### Technical Description

The 75KB series is a double shut-off hydraulic coupling used for liquid media. The plug profile is manufactured in accordance with ISO-7421-1, series B. All versions mentioned below are manufactured from non-rusting stainless steel or POM. This coupling requires two handed operation (the sleeve must be manually pulled back when connecting).

### Chart



### Advantages

Simple, yet rugged construction guarantees the highest safety.

### Working Pressure

PB = 10 bar (at 50°C), maximum static working pressure with safety factor of 4 to 1.

### Working Temperature\*

-20°C up to +90°C (NBR)  
-40°C up to +90 (EPDM)  
-15°C up to +90°C (FKM)  
0°C up to + 90°C (FFKM)  
depending on the medium.

\*At a temperature below -20°C and above +90°C special seals are available on request.

### Material

#### Coupling

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

### Standard

POM, white  
POM, white  
AISI 303  
AISI 301  
AISI 316  
NBR  
AISI 301

### Plug

Plug Profile  
Valve  
Spring  
Spring Plate  
Seal

POM, white  
AISI 303  
AISI 301  
AISI 301  
NBR

## Coupling

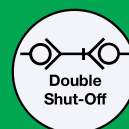
## RECTUS Series 75KB

	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					Standard	75KB IW26 DPX

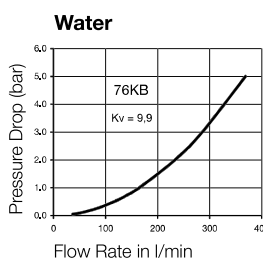
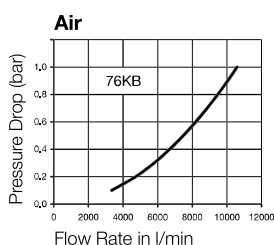
## Valved Plug

## 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					Standard	75SB IW26 DPX

**Technical Description**

The 76KB series is a double shut-off hydraulic coupling used for liquid media. The plug profile is manufactured in accordance with ISO-7421-1, series B. All versions mentioned below are manufactured from non-rusting stainless steel or POM. This coupling requires two handed operation (the sleeve must be manually pulled back when connecting).

**Chart****Advantages**

Simple, yet rugged construction guarantees the highest safety.

**Working Pressure**

PB = 10 bar (at 50°C), maximum static working pressure with safety factor of 4 to 1.

**Working Temperature\***

-20°C up to +90°C (NBR)  
-40°C up to +90°C (EPDM)  
-15°C up to +90°C (FKM)  
0°C up to +90°C (FFKM)  
depending on the medium

\*At a temperature below -20°C and above +90°C special seals are available on request.

**Material****Coupling**

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

**Standard**

POM, white  
POM, white  
AISI 303  
AISI 316 Ti

AISI 316  
NBR  
AISI 301

**Plug**

Plug Profile  
Valve  
Spring  
Spring Plate  
Seal

POM, white  
AISI 303  
AISI 316 Ti  
AISI 301  
NBR



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

- Stainless Steel Double Shut-off P. 221
- Brass/Steel Double Shut-off P. 160

**Coupling****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					Standard	76KB IW33 DPX

**Valved Plug****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	65		24					Standard	76SB IW33 DPX

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



Nominal Diameter

**30** = 707 mm<sup>2</sup>

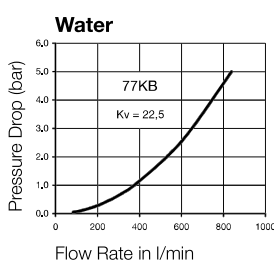
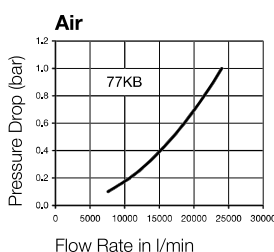
RECTUS Series

**77KB**


35% of actual size

**Technical Description**

The 77KB series is a double shut-off hydraulic coupling used for liquid media. The plug profile is manufactured in accordance with ISO-7421-1, series B. All versions mentioned below are manufactured from non-rusting stainless steel or POM. This coupling requires two handed operation (the sleeve must be manually pulled back when connecting).

**Chart****Advantages**

Simple, yet rugged construction guarantees the highest safety.

**Working Pressure**

PB = 10 bar (at 50°C), maximum static working pressure with safety factor of 4 to 1.

**Working Temperature\***

-20°C up to +90°C (NBR)  
-40°C up to +90°C (EPDM)  
-15°C up to +90°C (FKM)  
0°C up to +90°C (FFKM)  
depending on the medium

\*At a temperature below -20°C and above +90°C special seals are available on request.

**Material****Coupling**

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

**Standard**

POM, white  
POM, white  
AISI 303  
AISI 316 Ti  
AISI 316  
EPDM  
AISI 301

**Plug**

Plug Profile  
Valve  
Spring  
Spring Plate  
Seal

POM, white  
AISI 303  
AISI 316 Ti  
AISI 301  
EPDM

**Coupling****RECTUS Series 77KB**

	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 1/2	60	133	76	23					Standard	77KB IW48 DEXS

**Valved Plug****RECTUS Series 77KB**

	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 1/2	60	132		23					Standard	77SB IW48 DEX