

Nominal Diameter

30 = 707 mm²

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).

Advantages

Simple, yet rugged construction guarantees the highest safety.

Working Pressure

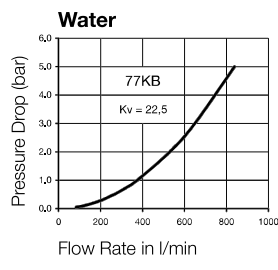
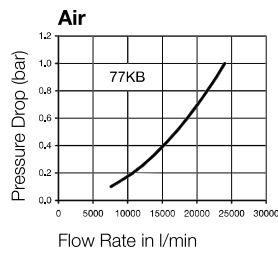
PB = 10 bar (at 50°C), maximum static working pressure with safety factor of 4 to 1.

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.

Chart



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

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	DS
<p>Female Thread</p>	G 1 1/2 i.	60	133	76	23					Standard	77KB IW48 DEXS-01	<input checked="" type="checkbox"/>

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	DS
<p>Female Thread</p>	G 1 1/2 i.	60	132		23					Standard	77SB IW48 DPX	<input checked="" type="checkbox"/>

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