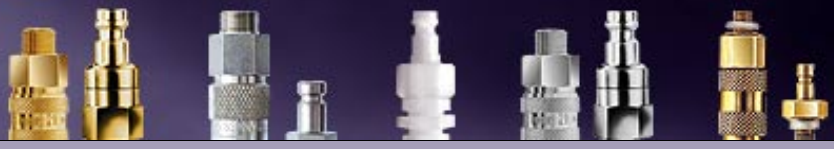




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  - System Components
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- Representatives
- Jobs
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- Search
- Press

**Nom. Diameter 11 = 95 mm<sup>2</sup>**  
**74 KB series**



**Technical Description**

The 73 KB 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 materials.

**Advantages**

This coupling requires two handed operation (the sleeve must be manually pulled back when connecting).

**Applications**

Liquids, paper machines, refrigerating circuit, rail vehiclee

**Working Pressure**

PB =150 bar (brass)  
PB = 250 bar (stainless steel), maximum static working pressure until 50°C with safety factor of 4 to 1.

**Working Temperature\***

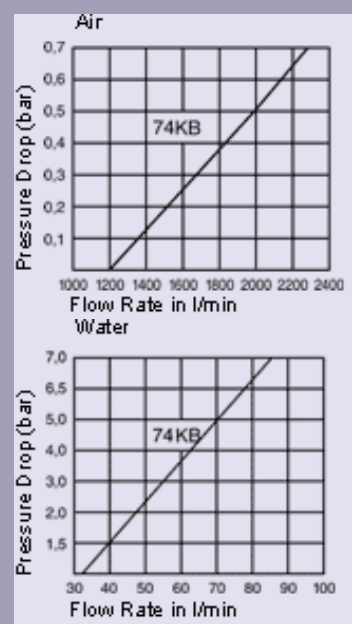
-20°C bis +100°C (Perbunan)  
-40°C bis +120/150°C (EPDM)  
-15°C bis +200°C (Viton\*)  
0°C bis +316°C (Kalrez\*)  
depending on the medium.

\* At a temperature below -20°C and above +150°C special seals are available on request.



Material	Standard Version	Additional Versions	
<b>Coupling</b>		<b>AISI 303</b>	<b>AISI 316 Ti</b>
Back Body	Brass	AISI 303	AISI 316 Ti
Sleeve	Brass	AISI 303	AISI 316 Ti
Valve	Brass	AISI 303	AISI 316 Ti
Spring and Locking Ring	AISI 301	AISI 301	AISI 316 Ti
Locking Balls	AISI 420	AISI 316	AISI 316
Seals	Buna N	Viton*	Viton*
Spring Plate	Brass	AISI 316 Ti	AISI 316 Ti
<b>Plug</b>			
Plug Profile	Brass	AISI 303	AISI 316 Ti
Valve	Brass	AISI 303	AISI 316 Ti
Spring	AISI 301	AISI 301	AISI 316 Ti
Spring Plate	Brass	AISI 316 Ti	AISI 316 Ti
Seal	Buna N	Viton®	Viton®

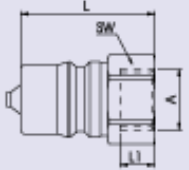
**Chart**



**PDF-Documents**

- [Safety Instructions](#)
- [Installation and maintenance instructions](#)
- [Operating instructions](#)

Couplings	Connection A	Hex	L	D	L1	L2	Hex1	B	G	Material	part number
<p>Female Thread</p>	G 1/2	27	76	44,5	16					Standard	74KBIW21MPX
										1.4305	74KBIW21RVX

												1.4571	74KBIW21EVX
<b>Valved Plugs</b>													
	Connection A	Hex	L	D	L1	L2	Hex1	B	G	Material	part number		
 <p>Female Thread</p>	G 1/2	27	48		16					Standard	74SBIW21MPX		
										1.4305	74SBIW21RVX		
											1.4571	74SBIW21EVX	