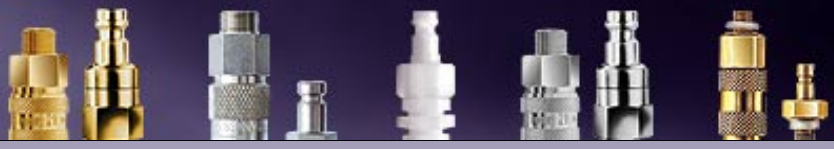




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Nom. Diameter 7,5 = 44 mm²
73 KB series



Technical Description
The 73 KB series is a double shut-off hydraulic coupling used for liquid mediums. 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 vehicle.

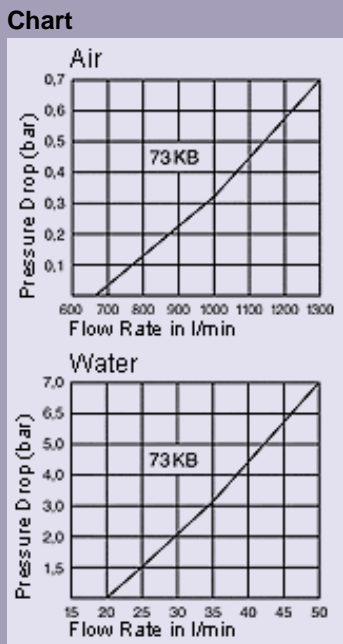
Working Pressure
PB = 150 bar (brass)
PB = 250 bar (stainless steel), maximum static working pressure until 50°C with safety factor of 4 to 1.

Working Temperature*
-20°C up to +100°C (Buna N)
-40°C up to +120/150°C (EPDM)
-15°C up to +200°C (Viton®)
0°C up to +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 Version
Coupling		
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
Seals	Buna N	Viton®
Spring Plate	Brass	AISI 301 AISI 316 Ti
Plug		
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 301 AISI 316 Ti
Seal	Buna N	Viton®



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

Couplings	Connection A	Hex	L	D	L1	L2	Hex1	B	G	Material	part number
 Female Thread	G 3/8	22	64	35	11,5					Standard	73KBIW17MPX
										1.4305	73KBIW17RVX
										1.4571	73KBIW17EVX
Valved Plugs	Connection A	Hex	L	D	L1	L2	Hex1	B	G	Material	part number
 Female Thread	G 3/8	22	39		11,5					Standard	73SBIW17MPX
										1.4305	73SBIW17RVX
										1.4571	73SBIW17EVX