



Top connections -
best solutions!



NEWS / HOME

Products

Single Shut-Off
Double Shut-Off
 Safety
 Thermoplastic
 Water Applications
 RectuKey
 TEMA
 NYCOIL
 System Components

History

Representatives

Jobs

Contact

Search

Press

Nom. Diameter 6 = 30 mm²
72 KB series



Technical Description

The 72 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 = 200 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 Coupling

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

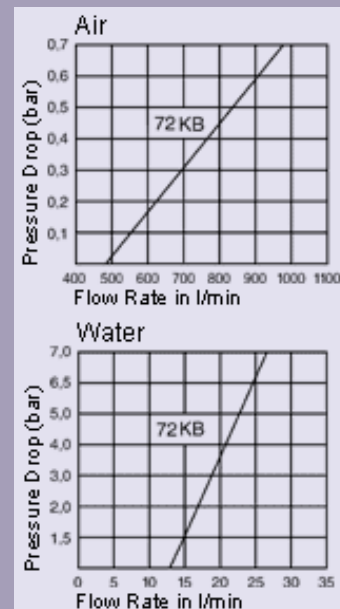
Standard Version

Brass
 Brass
 Brass
 AISI 301
 AISI 420
 Buna N
 AISI 301

Additional Version

AISI 303	AISI 316 Ti
AISI 303	AISI 316 Ti
AISI 303	AISI 316 Ti
AISI 301	AISI 316 Ti
AISI 316	AISI 316
Viton*	Viton®
AISI 301	AISI 316 Ti

Chart



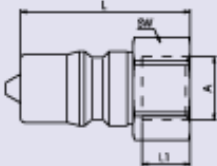
Plug

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	AISI 301	AISI 301	AISI 316 Ti
Seal	Buna N	Viton*	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
	G 1/4	19	57,5	29	10						Standard	72KBIW13MPX
											1.4305	72KBIW13RVX

Female Thread													1.4571	72KBIW13EVX
Valved Plugs		Connection A	Hex	L	D	L1	L2	Hex1	B	G	Material	part number		
		G 1/4	19	35		10					Standard	72SBIW13MPX		
											1.4305	72SBIW13RVX		
											1.4571	72SBIW13EVX		
Female Thread														