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Nom. Diameter 4,3 = 15 mm²
71 KB series



Technical Description

The 71 KB series is a double shut-off hydraulic coupling, used for liquid mediums. The plug profile is manufactured in accordance with ISO-7241-1, 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 = 250 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®)
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
Brass

Additional Version

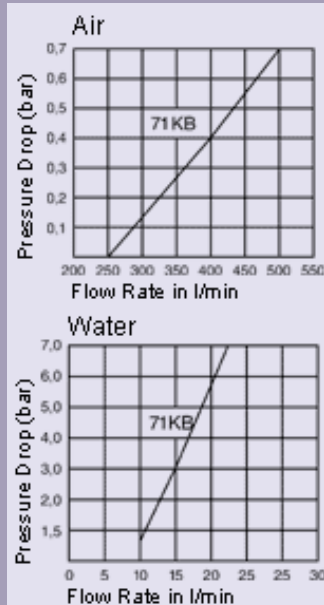
AISI 303

AISI 303
AISI 303
AISI 303
AISI 301
AISI 316
Viton®
AISI 301

AISI 316 Ti

AISI 316 Ti
AISI 316 Ti
AISI 316 Ti
AISI 316 Ti
AISI 316
Viton®
AISI 316 Ti

Chart



Plug

Plug Profile
Valve
Spring
Spring Plate
Seal

Brass
Brass
AISI 301
AISI 301
AISI 301
Buna N

AISI 303
AISI 303
AISI 301
AISI 301
AISI 301
Viton®

AISI 316 Ti
AISI 316 Ti
AISI 316 Ti
AISI 316 Ti
AISI 316 Ti
Viton®

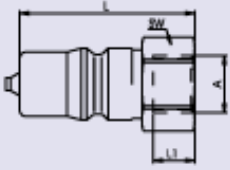
PDF-Documents

[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 1/8	14	48,5	25	7					Standard	71KBIW10MPX
										1.4305	71KBIW10RVX
										1.4571	71KBIW10EVX

Valved Plugs	Connection A	Hex	L	D	L1	L2	Hex1	B	G	Material	part number
 Female Thread	G 1/8	14	29,5		7					Standard	71SBIW10MPX
										1.4305	71SBIW10RVX
										1.4571	71SBIW10EVX