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Nom. Diameter **13 = 133 mm²**
75 KB series



Technical Description

The 75 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 vehicles.

Working Pressure

PB =100 bar (brass)
PB =160 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 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 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 Versions

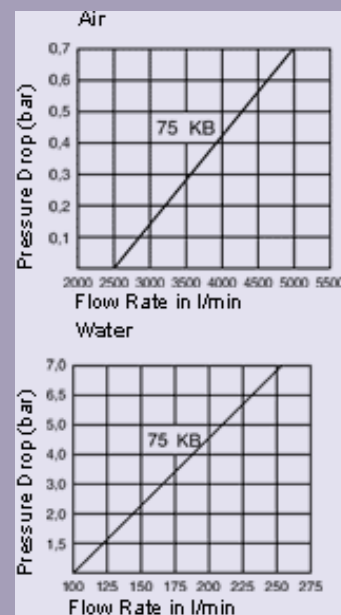
AISI 303	AISI 316 Ti
AISI 303	AISI 316 Ti
AISI 303	AISI 316 Ti
AISI 301	AISI 316 Ti
AISI 316	AISI 316
Viton*	Viton*
AISI 301	AISI 316 Ti

Plug

Plug Profile
Valve
Spring
Spring Plate
Seal

Brass
Brass
AISI 301
Brass
Buna N

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



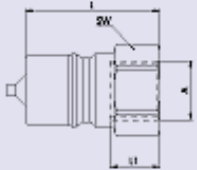
PDF-Documents

[Safety Instructions](#)

[Installation and maintenance instructions](#)

[Operating instructions](#)

Couplings	Connection A	Hex	L	D	L1	L2	Hex1	B	G	Material	part number
	G 3/4	34	96	55	24					Standard	75KBIW26MPX
										1.4305	75KBIW26RVX
										1.4571	75KBIW26EVX

Valved Plugs	Connection A	Hex	L	D	L1	L2	Hex1	B	G	Material	part number
 Female Thread	G 3/4	36	60		24					Standard	75SBIW26MPX
										1.4305	75SBIW26RVX
										1.4571	75SBIW26EVX