»R26BA« series, both sides sealing

Couplings, stems and plugs are fitted with a valve.
Connection: Both valves open and the medium is allowed to pass.
Disconnection: Both valves close and the medium is prevented from escaping.

Areas of application: Pneumatic system, machine and plant engineering, Measurement, monitoring And control systems, Manufacturing industry, medical technology, chemical / pharmaceutical industry, automotive, food technology, aerospace.

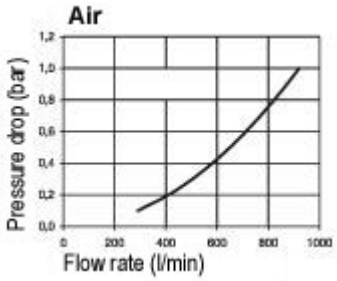
Operating pressure	0 - 35 bar, maximum static working pressure (non-pulsating)
Medium and ambient temperature	-20 °C to 100 °C
Housing, sleeve and valve body	Brass with a bare metal surface
Spring, retaining ring and balls	Stainless steel
Sealant	NBR
Media	Compressed air, water, neutral gases and liquids

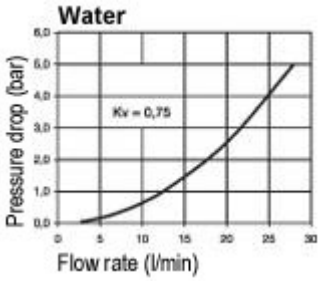
243.01-B

243.33-B

243.45-B

Flow rates:





Quick disconnect coupling DN 7.2, both sides sealing, brass with a bare metal surface, male

Type No.	Article No.	Connection	a/f mm	L mm	D mm	L1 mm
243.01-B	107506	G 1/4 male	22	41.1	24.8	9.0
243.02-B	107507	G 3/8 male	22	41.1	24.8	9.0
243.03-B	107508	G 1/2 male	24	44.1	24.8	12.0

Quick disconnect coupling DN 7.2, both sides sealing, brass with a bare metal surface, female

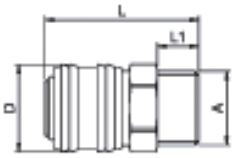
Type No.	Article No.	Connection	a/f mm	L mm	D mm	L1 mm
243.11-B	107509	G 1/4 female	22	41.1	24.8	9.0
243.22-B	107510	G 3/8 female	22	41.1	24.8	9.0
243.33-B	107511	G 1/2 female	24	44.1	24.8	10.0

Quick disconnect coupling DN 7.2, both sides sealing, brass with a bare metal surface, with hose stem

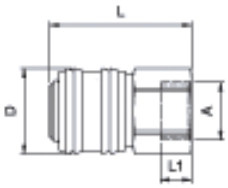
Type No.	Article No.	Connection	a/f mm	L mm	D mm	L1 mm
243.44-B	107512	Stem, I.D 6	21	58.0	24.8	25.0
243.47-B	107513	Stem, I.D 8	21	58.0	24.8	25.0
243.45-B	107514	Stem, I.D 9	21	58.0	24.8	25.0
243.49-B	107515	Stem, I.D 10	21	58.0	24.8	25.0
243.46-B	107516	Stem, I.D 13	21	58.0	24.8	25.0

Quick disconnect couplings DN 7.2

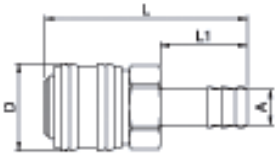
Art. No. 107506 to 107529



male



female



hose stem

Stem for couplings DN 7.2 - DN 7.8, both sides sealing, brass with a bare metal surface

Type No.	Article No.	Description	a/f mm	L mm	L1 mm
243.06-B	107517	Stem, I.D 6	21	60.0	25.0
243.351-B	107518	Stem, I.D 8	21	60.0	25.0
243.07-B	107519	Stem, I.D 9	21	60.0	25.0
243.352-B	107520	Stem, I.D 10	21	60.0	25.0
243.10-B	107521	Stem, I.D 13	21	60.0	25.0


243.07-B

Plug for couplings DN 7.2 - DN 7.8, both sides sealing, brass with a bare metal surface, male

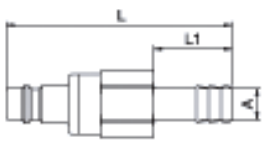
Type No.	Article No.	Description	a/f mm	L mm	L1 mm
243.48-B	107522	Plug, G 1/8 male	22	45.0	9.0
243.50-B	107523	Plug, G 1/4 male	22	43.0	9.0
243.51-B	107524	Plug, G 3/8 male	22	43.0	9.0
243.52-B	107525	Plug, G 1/2 male	22	46.0	12.0


243.50-B

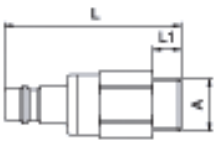
Plug for couplings DN 7.2 - DN 7.8, both sides sealing, brass with a bare metal surface, female

Type No.	Article No.	Description	a/f mm	L mm	L1 mm
243.54-B	107526	Plug, G 1/8 female	22	43.0	9.0
243.55-B	107527	Plug, G 1/4 female	22	43.0	10.0
243.56-B	107528	Plug, G 3/8 female	22	43.0	9.0
243.57-B	107529	Plug, G 1/2 female	24	46.0	9.0

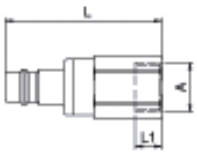

243.55-B



Stem



Plug male



Plug female

Subject technical changes.

Installation location

The installation location of the quick-connect coupling must be selected so that the health of the person operating it cannot be harmed by sources of danger in the immediate surroundings, e.g. from slipping, jamming, contaminating or burning.

Service manual

Quick-connect couplings are predominantly maintenance-free, if used in standard applications and handled carefully. The selection of the quick-connect coupling must be compatible with the intended purpose of use and material. Depending on the operating conditions it is recommended to provide the following points during maintenance:

External visual inspection with dirt in the functioning area of coupling and plug (seal area, control elements) these must be cleaned. The following distinguishing symptoms require replacement of the corresponding parts: Torn, damaged, heavily damaged or corroded parts, leaks on coupling and / or plug parts.

Function test under maximum Max. operating pressure can be used to test the quick-connect coupling for possible malfunctions and leaks. During the testing and operating phase it must be ensured that the operating personnel work protected.

Replacement intervals for quick-connect couplings must, if available, be adapted to the state or technical standards. However, also operating experiential values, which result from the required operational safety and the conditions of use, such as downtimes, coupling frequency, Max. operating pressure and properties of the medium, are critical for establishing the replacement intervals.

Low pressure applications

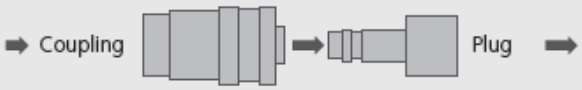
Threads for low-pressure applications are, if series-related no corresponding coatings or sealing rings are present, to be provided with suitable sealing materials, such as a PTFE belt or liquid sealing agent. Here the resistance to the flowing medium must be paid attention to.

Pulsating tool

When using pulsating tools it is recommended to observe the standard ISO 6150, § 7.1. It recommends installing a minimum 300 mm long, flexible hose between the pulsating tool and the quick-connect coupling. The oscillating forces are taken by the hose piece and thus increase the service life of the quick-connect coupling. No warranty can be made for couplings mounted directly on pulsating tools.

Flow direction

The recommended flow direction is from the coupling to the plug if nothing else is specified in the technical data sheet.



Application with hoses

When using hoses the permissible Max. operating pressure and the working temperature must absolutely be observed and suitable hose connections must be seen to.