

## B series

Acc. to ISO 7241-1, B Series.

This coupling series combines an extremely small pressure drop with maximum hydraulic power transmission.

Interchangeable with all couplings and plugs manufactured according to the above standard.

The patented pressure eliminator permits disconnection even if back pressure has built up (up to 200 bar).

The pressure eliminator can be used in all applications where there is a risk of pressure build-up after the line has been separated. It allows effortless connection under pressure.

The mating part must be pressureless in order for the eliminator to function optimally.

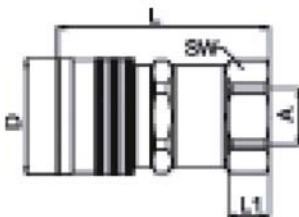


Areas of application: chemical industry, food technology, automotive, offshore.

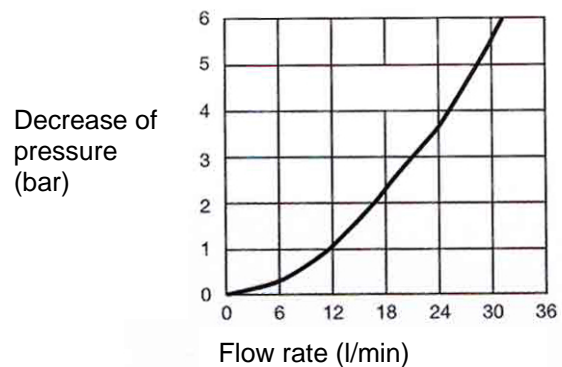
Operating temperature	-30 °C to 100 °C
Housing	Nickel -plated brass (DN 6.3 to DN 12.5), steel (DN 19, DN 20)
Unlocking sleeve	Steel (DN 6.3: nickel-plated brass)
Balls, springs	Stainless steel
Valve	Brass
Push-in plug	Steel
Sealant	NBR



242.01 B



**Decrease of pressure for viscosity 32cSt at 40 °C acc. to ISO 7241/2-2000**



### Hydraulic couplings, female

Art. No.	Ident No.	Connection	Flow rate (oil) l/min	DN	max. operating pressure	Length mm	a/f mm	L1 mm	D mm
242.01 B	107728	G 1/4 female	8	6.3	400 bar	57.0	24	12.0	28.0
242.02 B	107729	G 3/8 female	24	10.0	320 bar	63.0	30	12.0	34.0
242.03 B	107730	G 1/2 female	40	12.5	300 bar	66.0	33	14.0	40.0
242.04 B	107731	G 3/4 female	75	19.0	300 bar	81.0	46	16.0	52.0
242.05 B	107732	G 1 female	100	20.0	300 bar	94.0	50	20.0	62.0

→ Flow rate measurement: Oil for viscosity 32cSt at 40 °C acc. to ISO 7241/2-2000, pressure drop 0.5 bar

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edition 09/2017

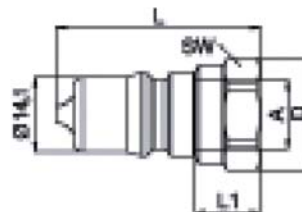
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Subject technical changes.



242.51 B

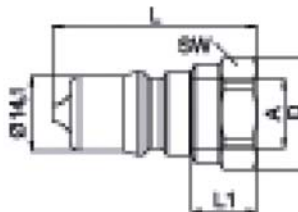


### Push-in plug without pressure eliminator, hardened, galvanised steel, female

Art. No.	Ident No.	Connection	DN	max. operating pressure	Length mm	a/f mm	L1 mm	D mm
242.51 B	107733	G 1/4 female	6.3	400 bar	38.0	19	12.0	21.0
242.52 B	107734	G 3/8 female	10.0	320 bar	42.0	22	12.0	24.0
242.53 B	107735	G 1/2 female	12.5	300 bar	46.0	27	14.0	31.0
242.54 B	107736	G 3/4 female	19.0	300 bar	59.0	36	16.0	39.0
242.55 B	107737	G 1 female	20.0	300 bar	70.0	42	20.0	46.0



242.61 B



### Push-in plug with pressure eliminator, hardened, galvanised steel, female

Art. No.	Ident No.	Connection	DN	max. operating pressure	Length mm	a/f mm	L1 mm	D mm
242.61 B	107738	G 1/4 female	6.3	400 bar	38.0	19	12.0	21.0
242.62 B	107739	G 3/8 female	10.0	320 bar	42.0	22	12.0	24.0
242.63 B	107740	G 1/2 female	12.5	300 bar	46.0	28	14.0	31.0
242.64 B	107741	G 3/4 female	19.0	300 bar	59.0	36	16.0	39.0
242.65 B	107742	G 1 female	20.0	300 bar	70.0	42	20.0	46.0