

Technical Data Sheet

INJEKTORKING LS

Injector fill gun suited for EPS/EPP/EPE/ARCEL/NEOPOR



Brand name:

Injektorking LS

Suited for regular EPS, high density EPS, Arcel, EPE, Neopor (Graphite).

Material

Stainless Steel, Brass, Aluminium

Available standard specifications:

Barrel length (AAA)	200, 230, 300, 330, 400, 430, 530 mm
Barrel diameter (BB)	M28x1,0, 28, 30, 32, 33, 40, 42, 50, M42x1,5 mm
Tip OD (CC)	10 - 38 mm
Piston plunger (DD)	8, 10, 12, 16, 18, 20, 24 mm
Tip length (LL)	20 - 36 mm
Total length	390 - 1020 mm
Ejector (FFF), optional	100 mm

Material in-let thread

1"

Seals::

1 x U-seal + 1 x Double-lip seal + 1 x Bushing seal
See accessories list for detailed description

Air connections:

1 x Open & filling air 1/4"
1 x Closing air 1/4"

Air consumption

(Fixed air consumption)

120 l/min by 6 bar

Blow-back function

Yes

3C air connection

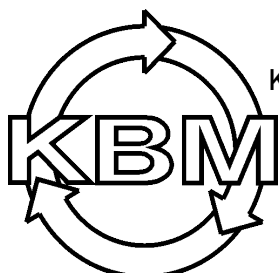
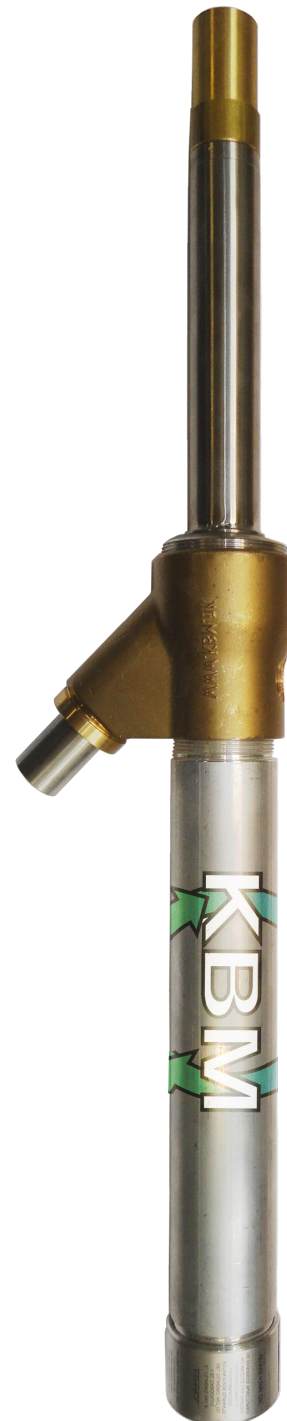
Optional - 3 connections for open, close & filling

Steam core vent

Optional

Contour filler (Non-rotating plunger)

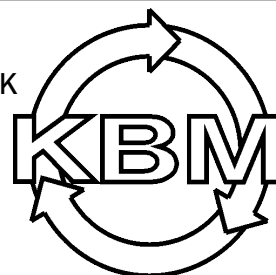
Optional



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INJEKTORKING LS KEY BENEFITS

- **VERY LOW AIR CONSUMPTION:** General very low air consumption with high vacuum for a good filling.
- **DURABLE DESIGN:** Durable design with critical parts manufactured in stainless steel, provides a long life time.
- **LONG LIFE TIME OF SEALS:** The quality of seals is crucial for an uninterrupted production. KBM seals offer long life time thus fewer production stops.
- **BUILD-IN "BLOW-BACK ON TIME"** after closed function.
- **SIMPLE DESIGN AND LOW MAINTANENCE:** To change all wear parts (3 seals) takes maximum 5 minutes. To change the U-seal, which is the only seal inside the steam chamber, takes 15 seconds. All parts are dismantled by hand without use of tools.
- **DESIGNED ALSO FOR USE WITH PRESSURE FILLING SYSTEMS,** allowing optimal filling, even of thin-walled sections too.

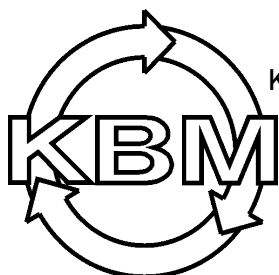
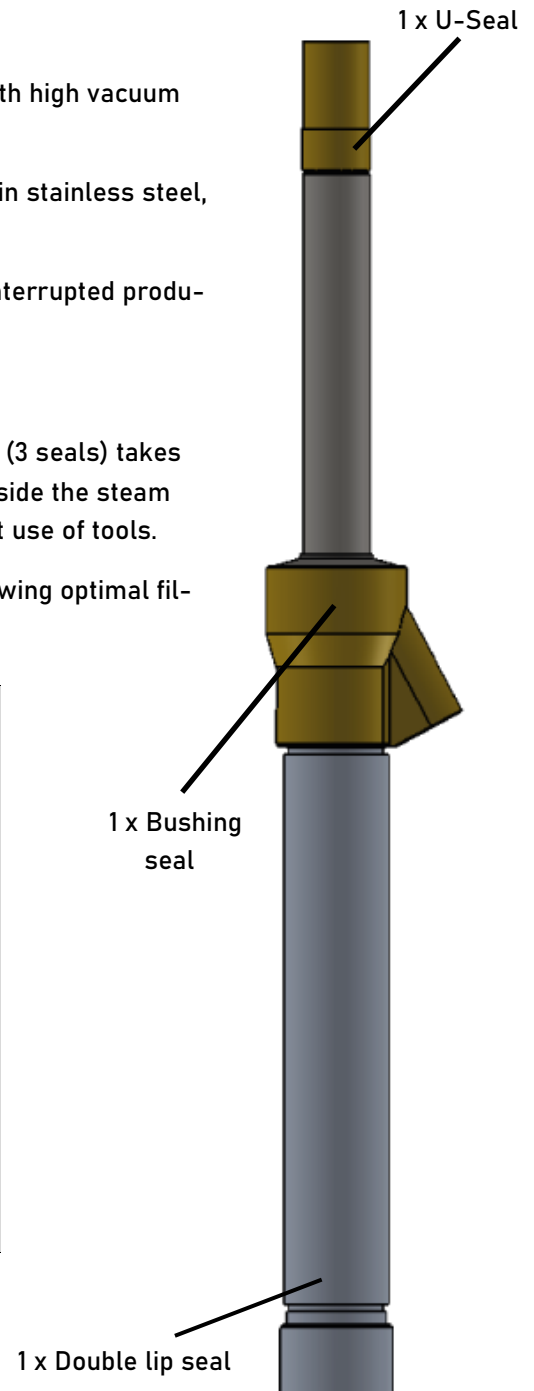
INJEKTORKING LS

Very low energy fill injector with a fixed air/vacuum setting.
Perfect for all types of shape moulding.

The solid design in stainless steel enables moulding with a wide range of raw materials e.g. EPS, EPP, EPE, Arcel, Neopor (Graphite).

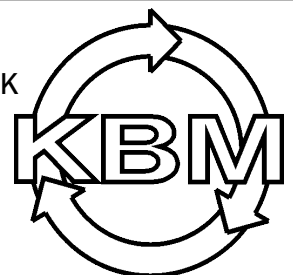
A simple construction and a low weight means that no parts are damaged due to the weight of the injector during mounting in the mould, and offers a very easy maintenance with all parts to be dismantled by hand without use of special tools.

The INJEKTORKING LS is pre-calibrated for 120 l/min (4.25 CuFt/min) air consumption by 6 bar (87 PSI), equal to 317 nominal l/min (11.2 CuFt/min).



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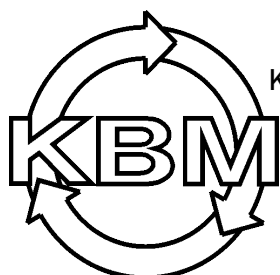
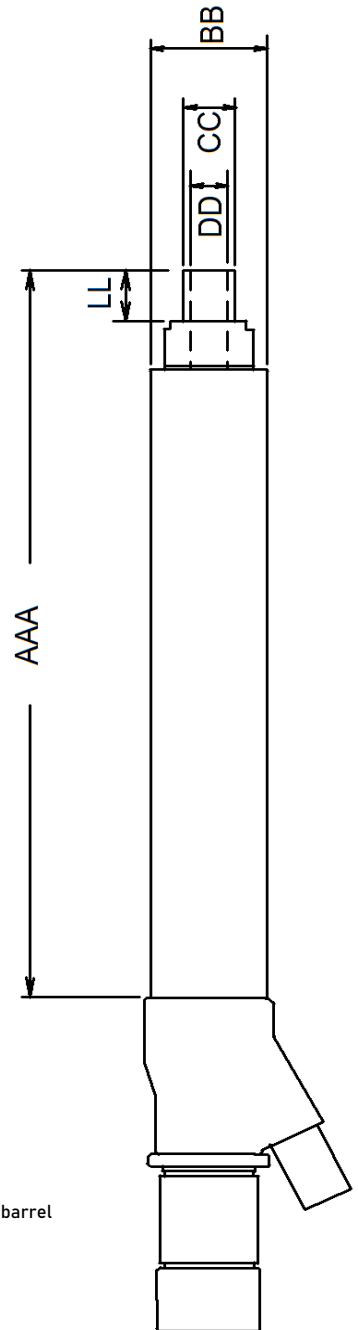
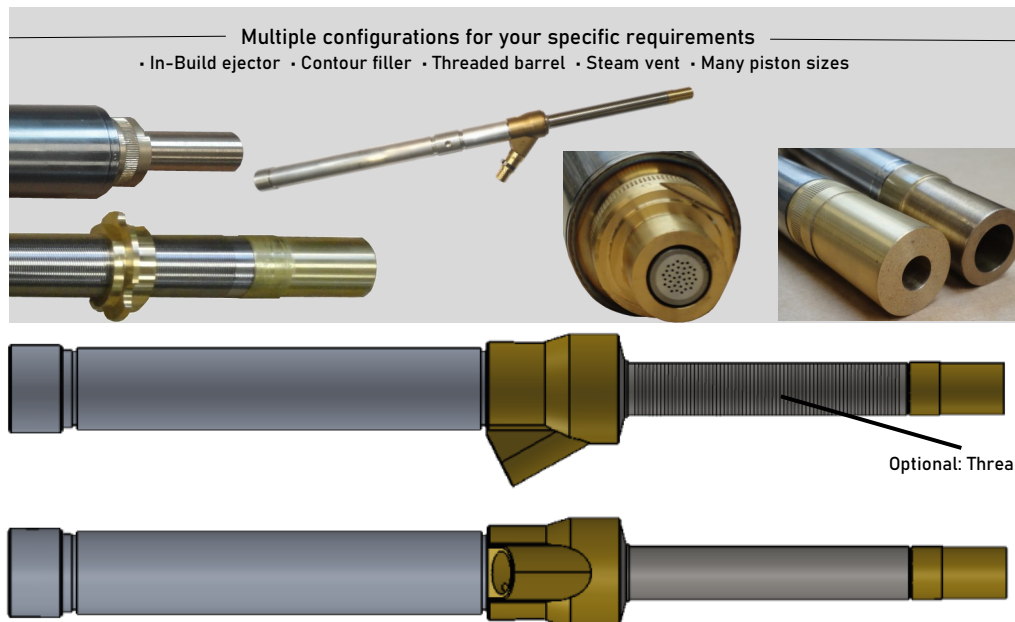
Injector fill gun suited for EPS/EPP/EPE/ARCEL/NEOPOR



EXAMPLES:

TYPE	AAA	BB	CC	DD	Total
8 mm piston plunger:					
200/BB/10-26/08	200mm	M28x1,0 28, 30, 32, 33, 40, 42, 50 mm	10-26mm	8mm	390mm
300/BB/10-26/08	300mm	M28x1,0 28, 30, 32, 33, 40, 42, 50 mm	10-26mm	8mm	490mm
400/BB/10-26/08	400mm	M28x1,0 28, 30, 32, 33, 40, 42, 50 mm	10-26mm	8mm	690mm
10 mm piston plunger:					
200/BB/12-26/10	200mm	M28x1,0 28, 30, 32, 33, 40, 42, 50 mm	12-26mm	10mm	390mm
300/BB/12-26/10	300mm	M28x1,0 28, 30, 32, 33, 40, 42, 50 mm	12-26mm	10mm	490mm
400/BB/12-26/10	400mm	M28x1,0 28, 30, 32, 33, 40, 42, 50 mm	12-26mm	10mm	590mm
12 mm piston plunger:					
200/BB/14-26/12	200mm	M28x1,0 28, 30, 32, 33, 40, 42, 50 mm	14-26mm	12mm	390mm
300/BB/14-26/12	300mm	M28x1,0 28, 30, 32, 33, 40, 42, 50 mm	14-26mm	12mm	490mm
400/BB/14-26/12	400mm	M28x1,0 28, 30, 32, 33, 40, 42, 50 mm	14-26mm	12mm	690mm
16 mm piston plunger:					
200/BB/18-26/16	200mm	M28x1,0 28, 30, 32, 33, 40, 42, 50 mm	18-26mm	16mm	545mm
200/BB/18-26/16/110* (with ejector)	200mm	M28x1,0 28, 30, 32, 33, 40, 42, 50 mm	18-26mm	16mm	820mm
300/BB/18-26/16	300mm	M28x1,0 28, 30, 32, 33, 40, 42, 50 mm	18-26mm	16mm	745mm
300/BB/18-26/16/110* (with ejector)	300mm	M28x1,0 28, 30, 32, 33, 40, 42, 50 mm	18-26mm	16mm	1020mm
16, 18, 20 and 24mm piston plunger:					
230/BB/18-38/DD	230mm	40, 42, 50 mm	18-38mm	16, 18, 20, 24mm	
330/BB/18-38/DD	330mm	40, M42x1,5 42, 50 mm	18-38mm	16, 18, 20, 24mm	
430/BB/18-38/DD	430mm	40, M42x1,5 42, 50 mm	18-38mm	16, 18, 20, 24mm	
530/BB/18-38/DD	530mm	40, 42, 50 mm	18-38mm	16, 18, 20, 24mm	

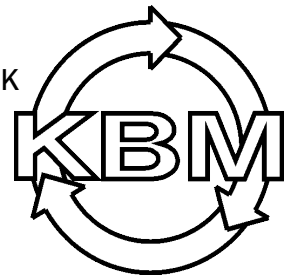
*Built-in 110 mm ejector movement.



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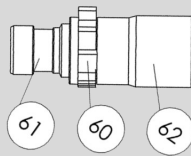


OVERVIEW

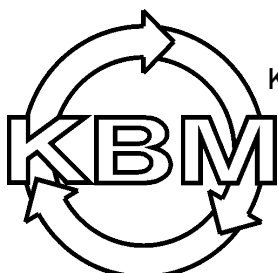
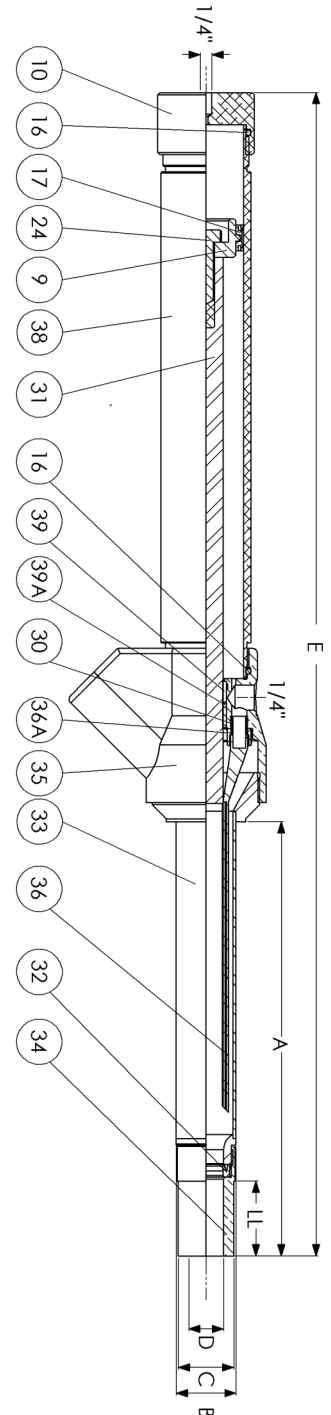
- 9. Piston
- 10. Air cylinder cap
- 16. O-ring
- 17. Double lip seal
- 24. Set screw M8x30
- 30. 2x Allen screw M6x8
- 31. Piston plunger
- 32. U-seal (Teflon)
- 33. Outside barrel
- 34. Tip
- 35. Casing
- 36. Blow pipe
- 36A. Union nut
- 38. Air cylinder
- 39. Bushing/ Seal
- 39A. O-ring

Quick clamp (Combi):

- 60.Clip
- 61.Hose stub
- 62.Connecting piece



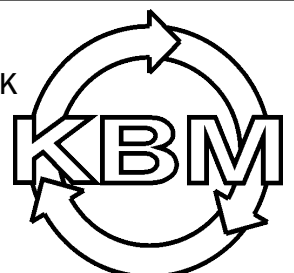
KBM supplies a complete range of connectors, clamp rings and seals with short lead times. See the complete range in our accessories list.



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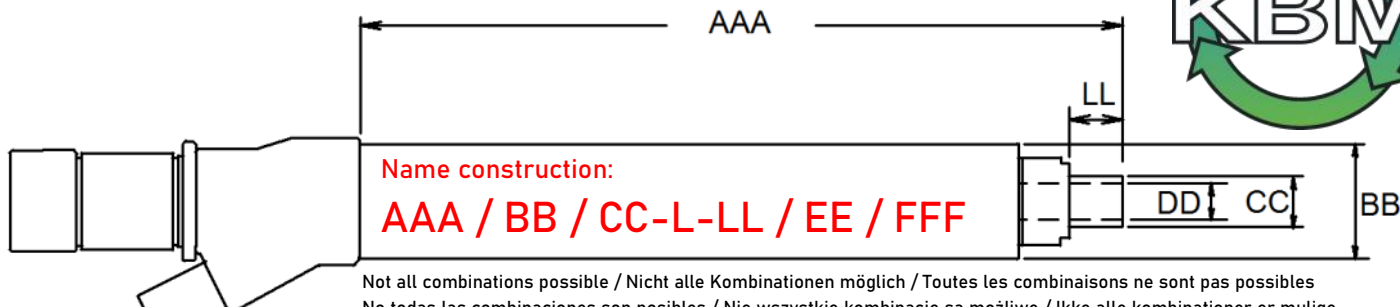
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INJEKTORKING ORDER FORM

Bestellformular/ Fiche de commande/ Hoja de pedido



Name construction:

AAA / BB / CC-L-LL / EE / FFF

Not all combinations possible / Nicht alle Kombinationen möglich / Toutes les combinaisons ne sont pas possibles
No todas las combinaciones son posibles / Nie wszystkie kombinacje są możliwe / Ikke alle kombinationer er mulige

Material

EPS(PSE).....: _____

EPP(PPE).....: _____

EPE (PEE).....: _____

ARCEL.....: _____

PIOCELAN.....: _____

Graphite EPS.....: _____

Bio.....: _____

Density: _____

AAA

Standard: _____

(mm) _____

VARIO

230.....: _____

330.....: _____

430.....: _____

530.....: _____

630.....: _____

730.....: _____

LS

200.....: _____

300.....: _____

400.....: _____

BB

Standard: 50.....: _____

(mm) 42.....: _____

M42x1,5.....: _____

40.....: _____

28.....: _____

M28x1.....: _____

Other: _____

DD (plunger/Pinole/plongeur/émbolo)

Standard: 12.....: _____ (Vario)

16.....: _____ (Vario)

(mm) 18.....: _____ (Vario)

20.....: _____ (Vario)

08.....: _____ (LS)

10.....: _____ (LS)

12.....: _____ (LS)

16.....: _____ (LS)

20.....: _____ (LS)

24.....: _____ (LS)

Other: _____

Vario=adjustable vacuum / filling

LS=fixed vacuum / filling

Tips (Type Vario): CC-L-LL

Standard: 22-L-25: _____

(mm) 20-L-21: _____

22-L-20: _____

24-L-21: _____

26-L-25: _____

32-L-25: _____

36-L-25: _____

38-L-40: _____

32-L-50: _____

32-L-75: _____

Other CC: _____

LL: _____

Tips (Type LS): CC-L-LL/DD

Standard: 26-L-36/16.....: _____

(mm) 26-L-25/12.....: _____

26-L-25/10.....: _____

26-L-35/08.....: _____

Other CC: _____ LL: _____

Airfittings if needed:

Air hose outside diameter (mm)	6	8	10	12	15
Opening air					
Filling air					
Closing air					
Ejection air					

Ejector/Auswerfer/ejecteur/ejector:

Standard built-in ejector /FFF:

Ejector (Vario) 100mm.....: _____

Ejector (LS) 110mm.....: _____

No ejector.....: _____

Other ejector.....: _____

Material hose connector:

quick dis-connector/Schnellkupplung

accouplement rapide/abrazadera rápida

Type Combi.....: _____

Type T/C.....: _____

Type Multi.....: _____

Hose-stub.....: _____ (no quick)

See all types here:

<http://www.kbm.dk/products/fill-injectors>

Special requirements:

Separate open air.....: _____

Fixed plunger (contour-inj.) : _____

Material hose/Schlauch/tuyau/tubo:

Standard: 20 (3/4").....: _____

(mm) 22 (7/8").....: _____

25 (1").....: _____

30 (1 3/16").. : _____

32 (1 1/4").....: _____

Other: _____

Clamp ring.....: _____ (yes/no)

(Collar/Haltering/Bague fix./Anillo abrazadera)

Type.....: _____

Company.....: _____

Person.....: _____

E-mail/phone: _____

Number/pcs : _____

Date: _____

Send to:

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