

Piston pumps (grease)

Hydraulic drive



FKGM-HP1

Grease lubrication pumps

Technical data

Pumpe

Output rate pro stroke (= 1 pump revolution) and outlet:
max. 0,06 to 0,17 cm³

(acc. to pump element)

Regulation: possible for PE 120 V

Reservoir content / Material:

1,9 / 2,5 / 4,2 / 8 kg plastic transparent

2 / 4 kg steel

Operating pressure: max. 350 bar

Pressure limiting valve adjusted to: 280 bar

Lubricant: greases up to NLGI-cl. 2
(greases with solid contents only on request)

Operating temperature: -20 to +70 °C

Number of outlets: max. 6

Type of outlet: pipe Ø 6 mm as standard

Sense of rotation of agitator blade: see drawing

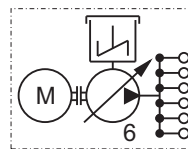
Installation position: vertical, as shown

Reduction: 150:1

Weight: max. 6,4 kg
(without pump elements, without grease filling)



Symbol



Drive

Drive: hydraulic motor with gear

Operating pressure: max. 250 bar

Swallowing volume: 4,19 cm³/rev

Drive speed: min. 800 r.p.m.
(is approx. 3,4 l/min oil = 5 revolutions of agitator blade)

Number of drives: max. 1800 r.p.m.
(is approx. 7,5 l/min oil = 12 revolutions of agitator blade)

Pump elements (see documentation on pump elements)		Metering volume cm ³ / stroke and outlet
PE 60	with / without	0,06
PE 120	pressure	0,12
PE 170	limiting	0,17
PE 120 V	valve	max. 0,12 (adjustable)

06-2-90-03 state: 09.14EN

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Subject to alterations!

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PRÄZISIONSAPPARATEFABRIK

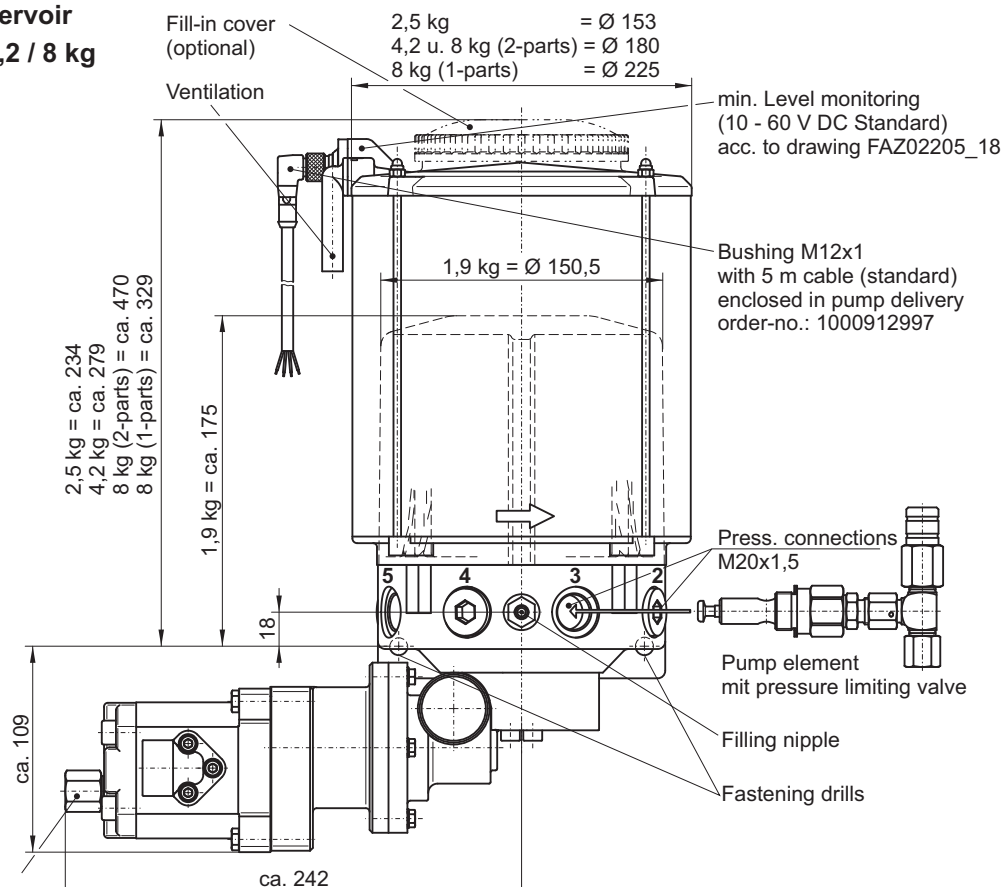
BEETHOVENSTR. 14
D-91257 PEGNITZ

POSTFACH 1320
D-91253 PEGNITZ

TEL.: +49 9241 729-0
FAX: +49 9241 729-50

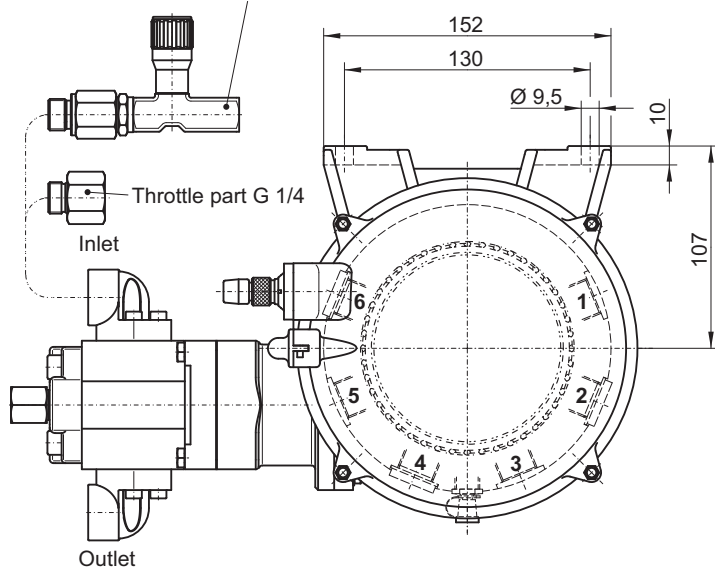
WEB: www.beka-lube.de
E-MAIL: beka@beka-lube.de

Plastic reservoir 1,9 / 2,5 / 4,2 / 8 kg



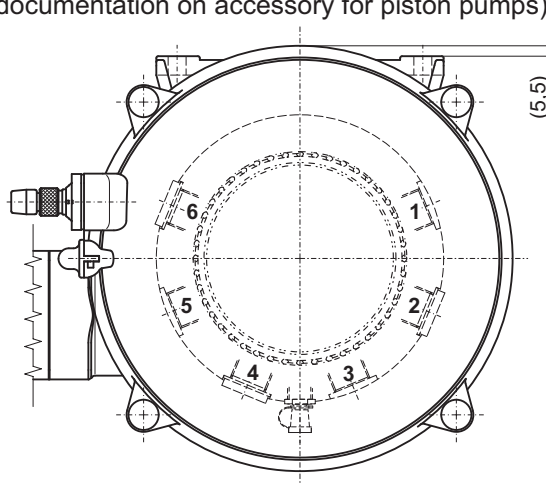
Plastic reservoir 1,9 / 2,5 / 4,2 / 8 kg (2-parts)

Two way control valve
(with changeover reduction G 3/8 - G 1/4
and double nipple G 1/4)



Plastic reservoir 8 kg (1-part)

In order to fasten the pump a retainer,
order-no. 0800800822 is necessary (see
documentation on accessory for piston pumps)



Attention:

The min. level monitoring (M12x1 or cubic plug acc. to DIN43650) is assembled at the cover at the plastic reservoir and on the reservoir's side at the steel version, see drawing or documentation level monitoring (accessory for piston pumps).