

Piston pumps (grease)

Series FK...-EP - electric drive



FKGGM-EP (DC)

Grease lubrication pumps

Technical data

Pump

Delivery volume per stroke (= 1 pump revolution) and outlet:

0,06 to 0,17 cm³

(depends on pump element)

Regulation: possible for PE 120 V

Reservoir content: 1,9/2,5/4,2/8 kg,

Reservoir material: plastic, transparent

Operating pressure: max. 350 bar

Pressure limiting valve adjusted to: max. 280 bar

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

Operating temperature: -20 to 70 °C

No. of outlets: max. 3

Outlet type: pipe Ø 6 mm, as standard

Rotation direction of agitator blade: counter
clockwise

Installation position: reservoir vertical, as shown

Protection class: IP65

Weight: max. 5,1 kg
(without pump elements, without grease filling)

Motor

Drive: d.c. motor

Operating pressure: 12 V DC or 24 V DC

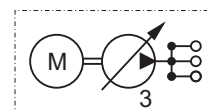
Current consumption: max. 3,2 A at 24 V DC

Speed (= pump revolutions): 15 r.p.m.

Note: The installation of an integrated control unit BEKA-troniX1 or EP-tronic is possible for this pump*** (see documentation control- and monitoring devices). In this case, the type-no. changes.



Symbol



Pump elements (see documentation 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)

Order key for type 2018

2018 1 2 03 E1 000***

Type-no.	2018						
Code no.	2018						
Drive type	d.c. motor without power supply unit		12 V DC		24 V DC		
Code no.			1		2		
Pump element	PE 120	PE 120 w. DBV*	PE 120 V	PE 120 V w. PLV*			
Code no.	0	1	2	4			
Pressure connections	No. of outlets						
Outlet type	1	2	3				
Tube Ø 6 mm	01	02	03				
Tube Ø 8 mm	11	12	13				
Tube Ø 10 mm	21	22	23				
Thread G 1/4	31	32	33				
Reservoir content (kg)	1,9	2,5	4,2	8 (2-parts)	8 (1-part)		
without FÜ****,	without fill-in cover		08	01	04	05	09
with FÜ**** (M12x1 standard),	without fill-in cover		-	D1	D2	-	D3
with FÜ**** (cube plug****),	without fill-in cover		-	F1	F2	-	F3
without FÜ****,	with fill-in cover			21	41	42	43
with FÜ**** (M12x1 standard),	with fill-in cover		-	E1	E2	-	E3
with FÜ**** (cube plug****),	with fill-in cover		-	G1	G2	-	G3
Special models							

Special models

* m. DBV = mit Druckbegrenzungsventil = with pressure limiting valve; ** Please indicate pump elements PE 60, PE 170 separately; see documentation on pump elements; *** Please indicate type of control separately for model with integrated control unit; **** FÜ = Füllstandsüberwachung (min.) = min. level monitoring; ***** cube plug acc. to DIN 43650

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Subject to alterations!

BAIER + KÖPPEL GmbH + CO KG
PRÄZISIONSAPPARATEFABRIK

BEETHOVENSTR. 14
D-91253 PEGNITZ

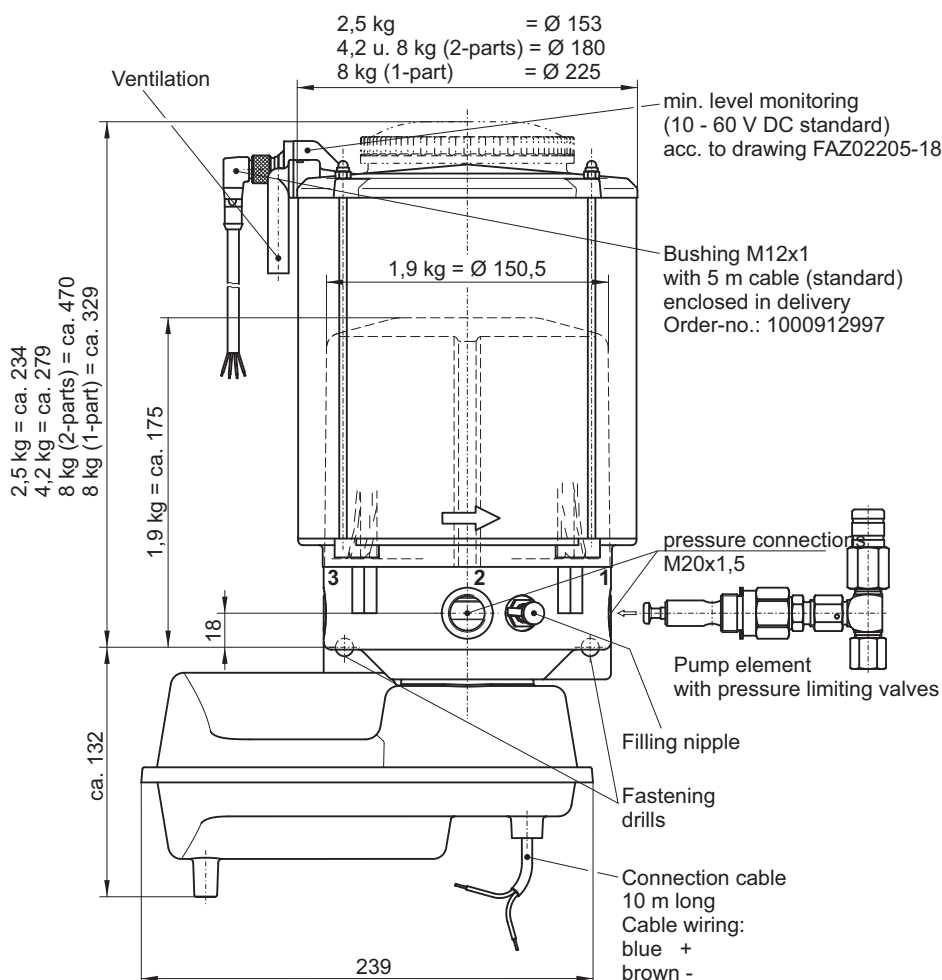
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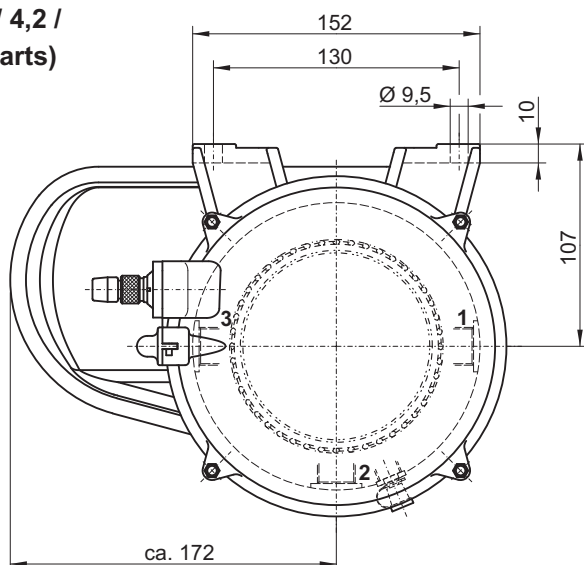
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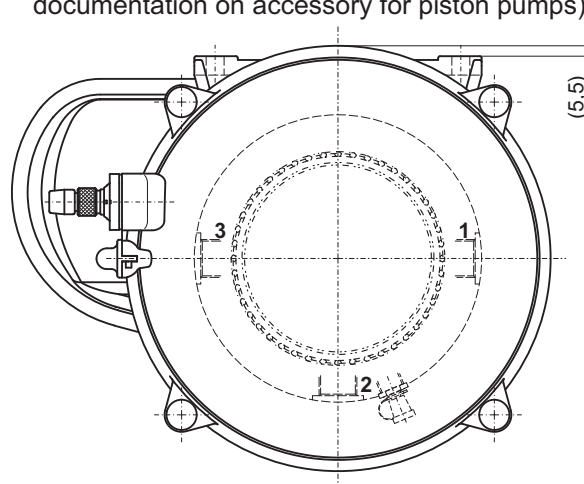
Attention: The min. level monitoring (M12x1 or cubic plug acc. to DIN43650) is assembled on the cover at plastic reservoirs; see drawing or documentation level monitoring (accessory for piston pumps).

Reservoir 1,9 / 2,5 / 4,2 / 8 kg (2 parts)



Reservoir 8 kg (1 part)

A mounting angle, order-no. 0800800822, is necessary for fastening the pump (see documentation on accessory for piston pumps).



The pump elements are mounted one by one, starting with position 1 (see numbering of the outlets). Please indicate the combination of the different pump elements or certain installation positions of the pump elements separately.