

**Product description**  
**Pump EAP**

**APPLICATION**

EAP lubricating units are designed for convenient portability where multiple lubrication points are serviced utilizing the same type and grade of lubricant.

**PRODUCT CHARACTERISTICS**

- Mobile lubricating pump
- Discharge max. 130 cm<sup>3</sup>/min
- Lubricant: oil, grease
- Surface signal grey RAL 7004
- incl. grease gun, flex. hose, coupling etc.



**FUNCTION**

**EAP 110**

Motor rotation is converted into linear motion by means of a spur gear and crank mechanism. This, in turn, drives the piston. Simultaneously, an agitator blade in the lubricant tank operates to assure lubricant delivery to the pump intake and pressure chamber. Care should be taken when filling the reservoir to avoid introduction of air pockets. A pressure relief valve circuit is incorporated into the unit which returns lubricant to the tank whenever the grease gun is closed, or when backpressure encountered at the point of application is extreme.

**EAP 130**

Model EAP130 incorporates two high-pressure pump assemblies which operate independently of each other. Each unit consists of a pump, double acting non-return valve and a pressure relief valve. Output volume of the two units is combined into a single outlet via external connection.

The maximum working pressure of each independent pump assembly is determined by its respective relief valve. Therefore, the maximum working pressure of the combined units is determined by the unit having the lowest value relief valve. Whenever the grease gun is closed, lubricant contained within the high-pressure chamber is diverted back to the tank. Therefore, when the gun is closed, the pump should be turned off whenever possible to ensure unit longevity.



<b>A. PUMP TYPE</b>	<b>Code</b>
	EAP

<b>B. NUMBER OF OUTLETS</b>	<b>Code</b>
1 outlet (EAP 110, 350 bar)	11
1 outlet (EAP 130, 300 bar)	13

<b>C. REVISION</b>	<b>Code</b>
Status A	A

<b>D. KINDS OF DRIVE</b>	<b>Code</b>
Three-phase A.C. motor 220-240/380-420V, 50 Hz, 255-290/440-500V, 60 Hz, 1500 r.p.m., 0.37kW	01
A.C. motor 230 V, 50 Hz, 0.37 kW	02

<b>E. POSITION OF DRIVE</b>	<b>Code</b>
without	O

<b>F. RESERVOIR</b>	<b>Code</b>
5 liters (EAP 110)	A
15 liters (EAP 130)	B
30 liters (EAP 130)	C

<b>G. ACCESSORIES</b>	<b>Code</b>
without	00



### EXAMPLE OF ORDER

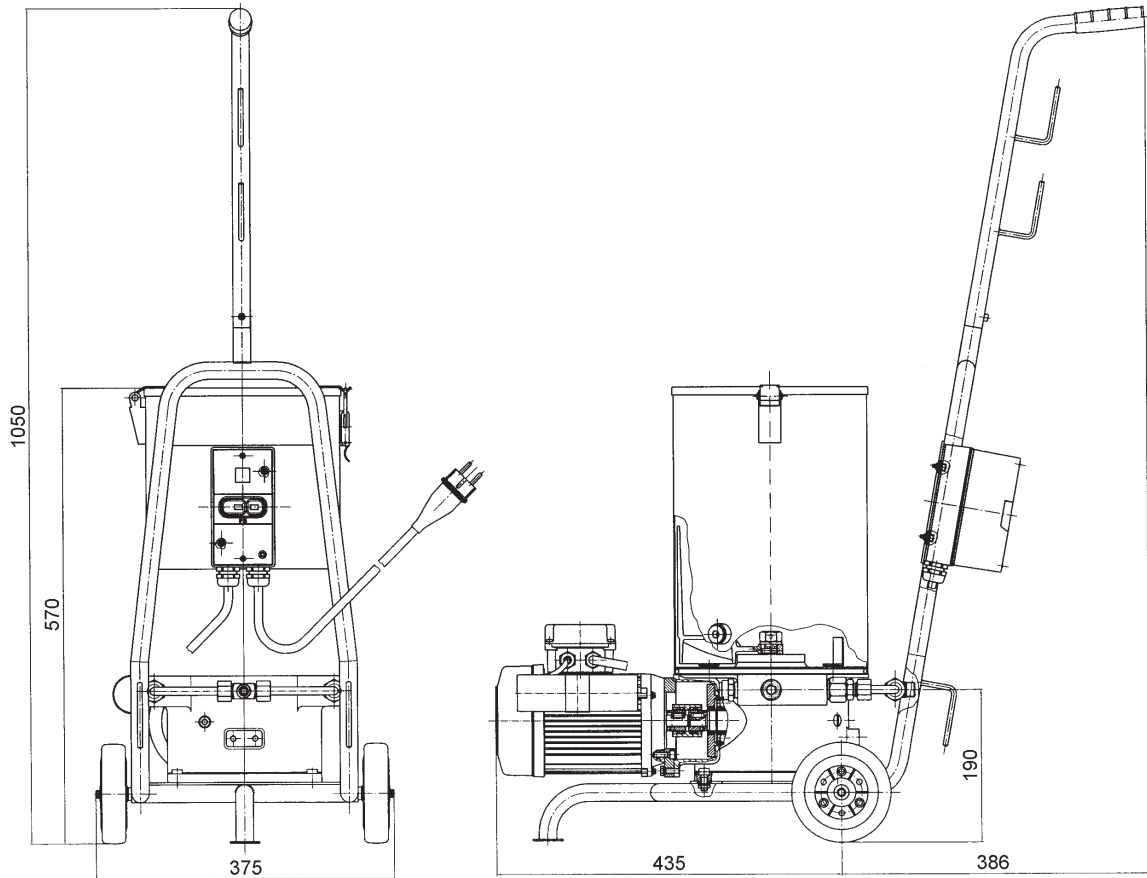
		Code											
		E	A	P	1	1	A	0	2	O	A	0	0
<b>Pump type EAP</b>	Code: EAP												
<b>Number of outlet</b> 1 outlet (EAP 110, 350 bar)	Code: 11												
<b>Revision</b> Status A	Code: A												
<b>Kinds of drive</b> A.C. motor 230 V, 50 Hz, 0.37 kW	Code: 02												
<b>Position of drive</b> without	Code: O												
<b>Reservoir</b> 5 liters	Code: A												
<b>Accessories</b> without	Code: 00												

### SPECIFICATION

Pump type:	EAP 110	EAP 130
Operating pressure max.:	350 bar	300 bar
Discharge max.:	130 cm <sup>3</sup> /min	
Reservoir capacity :	5 liters	15 or 30 liters
Temperature range :	0 up to 40 °C	
Weight :	21 kg	26 kg
Usable lubricants :	Greases: NLGI class according to DIN 51818; 000 ... 3 oils: minimum kinematic viscosity 200 mm <sup>2</sup> /s at 40 °C	
Protection system :	IP 54	



**SPECIFICATION** (continued)



Pump EAP 130

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*Für reibungslose Bewegung  
For smooth motion*

