

**Product description**  
**Pump BF-G**

**APPLICATION**

The barrel pump BF-G is adapted to take the grease of penetration class 000 up to 2 straight from a 50 l and 210 litre barrel (DIN 6644 -2 / - 4 and DIN EN 13008).

**PRODUCT CHARACTERISTICS**

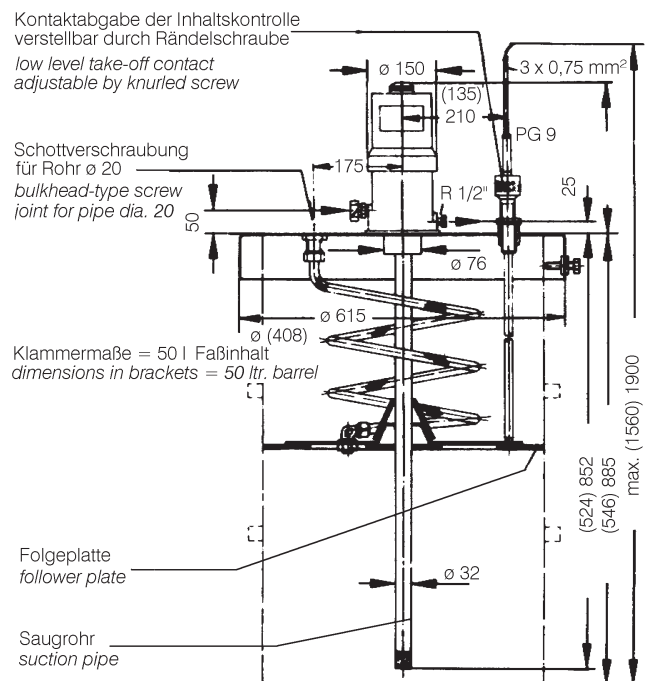
- Pneumatically operated drum pump
- Discharge max. 2.64 liters/min (15 : 1)
- Lubricant: grease
- Surface signal grey RAL 7004

**FUNCTION**

The pump basically comprises an air motor (=compressed air cylinder) with control system and a pump section, together with a centering lid and a follower piston.

The plunger-type pump is so designed as to suck lubricant during the downward stroke of the plunger and to force it to the user during the upward stroke. The grease pressure which can be achieved is approximately proportional to the compressed air pressure used for operation, multiplied by the internal ration factor of the pump. The characteristics shown how the output rating depends on the counterpressure.

The edge of the next plate is fitted with a rubber lip for sealing purposes. An new kind of packing between the compressed air motor and the grease pump creates a seal by hydraulic means and results in almost maintenance-free drum emptying. In the model with adjustable level control, an optical and acoustical warning signal indicates that the quantity of grease left in the barrel is down to almost zero.



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

<b>B. NUMBER OF OUTLETS</b>	<b>Code</b>
1 outlet	01

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

<b>D. KINDS OF DRIVE</b>	<b>Code</b>
15 : 1 (200 liters)	01
50 : 1 (200 liters)	02
50 : 1 ( 50 liters)	03
70 : 1 (200 liters)	04

<b>E. POSITION OF DRIVE</b>	<b>Code</b>
without	0

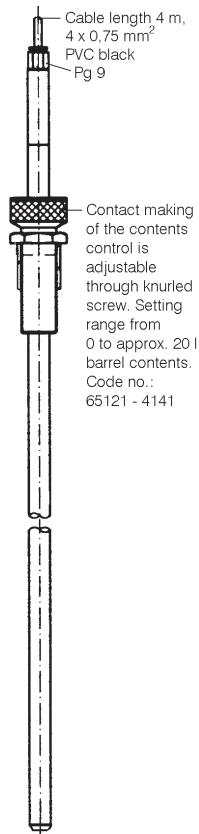
<b>F. RESERVOIR / DRUM SIZE</b>	<b>Code</b>
200 liters	A
50 liters (only 50 : 1)	

<b>G. ACCESSORIES</b>	<b>Code</b>
without	00
Level switch	01
Chain	02
Chain & relief line (only 50 : 1)	03
Level switch & chain	04
Level switch & relief line	05

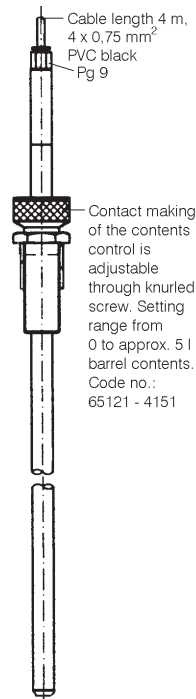


**G. ACCESSORIES** (continue)

**Code**



for reservoir 200 liters



for reservoir 50 liters

**EXAMPLE OF ORDER**

		Code											
		B	F	G	0	1	A	0	2	O	A	0	1
<b>Pump type BF-G</b>	Code: BFG												
<b>Number of outlet</b> 1 outlet	Code: 01												
<b>Revision</b> Status A	Code: A												
<b>Kinds of drive</b> 50 : 1 (200 liters)	Code: 02												
<b>Position of drive</b> without	Code: O												
<b>Reservoir / drum size</b> 200 liters	Code: A												
<b>Accessories</b> Level switch & relief line	Code: 01												



## SPECIFICATION

Ambient temperature : \_\_\_\_\_ + 5 °C ... + 55 °C  
 Protection system : \_\_\_\_\_ IP 54

Pressure ratios	15 : 1	50 : 1	70 : 1
Air pressure required	1,8 ... 12 bar	3 ... 9 bar	3 ... 6.9 bar
Air consumption each double stroke, N-litre	approx. 0.7 liters x air pressure		approx. 0.2 liters x air pressure
Discharge max.	2.64 l/min	0.95 l/min	0.35 l/min
Discharge volume each double stroke	40 cm <sup>3</sup>	12 cm <sup>3</sup>	3.5 cm <sup>3</sup>
Cycle (double-stroke) max.	66/min	76/min	100/min
Wetted parts	steel, brass, aluminium, perbunan (NBR)		
Suitable lubricants	Mineral oil base grease up to NLGI class 2 (viscosity of oil base max. 200 cSt at 40 °C)		

The degree to which the drum is emptied depends on the lubricant and the ambient temperature.

### Electrical specification level switch (Accessories)

Switching voltage : \_\_\_\_\_ max. 250 V  
 Type of contact : \_\_\_\_\_ 1 closing contact  
 Switching current : \_\_\_\_\_ ON 0.24 A, OFF 0.06 A  
 Switching capacity : \_\_\_\_\_ ON 60 VA, OFF 15 VA  
 Temperature range : \_\_\_\_\_ - 5 °C ... + 70 °C  
 Protection system : \_\_\_\_\_ IP 67 according to IEC 529, EN 60529  
 Output function : \_\_\_\_\_ change-over function  
 Housing : \_\_\_\_\_ aluminium / brass

Connection diagram: 

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 For smooth motion*

