

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 litre and 200 litre barrel (DIN 6644 -2 / - 4 and DIN EN 13008).

PRODUCT CHARACTERISTICS

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

FUNKTION

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 ratio factor of the pump. The characteristics show how the output rating depends on the counterpressure.

The edge of the next plate is fitted with a rubber lip for sealing purposes. A 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.



Pump BF-G with hoist mechanism (accessories)

SPECIFICATION

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

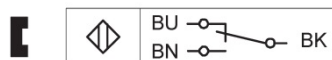
Pressure ratios	15 : 1	50 : 1	70 : 1
Air pressure required	1.8 ... 12 bar	3 ... 9 bar	3 ... 6.9 bar
Air consumption each double stroke, N-litre	approx. 0.7 liters x air pressure		approx. 0.2 l x air pressure
Discharge max.	2.64 l/min	0.95 l/min.	0.35 l/min.
Discharge volume each double stroke	40 cm ³	12 cm ³	3.5 cm ³
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 data of the contents control (accessories)

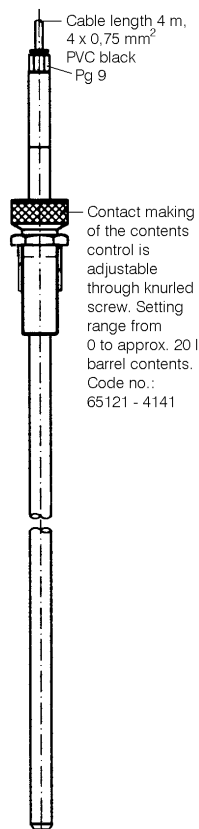
Switching voltage : max. 250 V
 Type of contact: 1 change-over switch
 Switching current : 1.0 A
 Switching capacity : ON 60 VA
 Temperature range : - 5 °C ... + 70 °C
 Protection system : IP 67 according to IEC 529, EN 60529
 Output function : change-over function
 Housing : aluminium / brass

Connection picture:

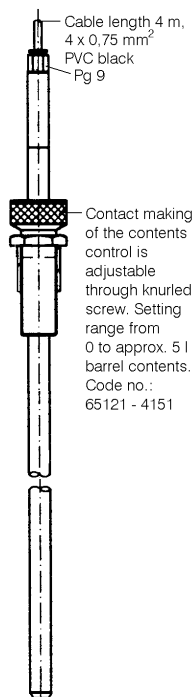


ACCESSORIES

Level switch

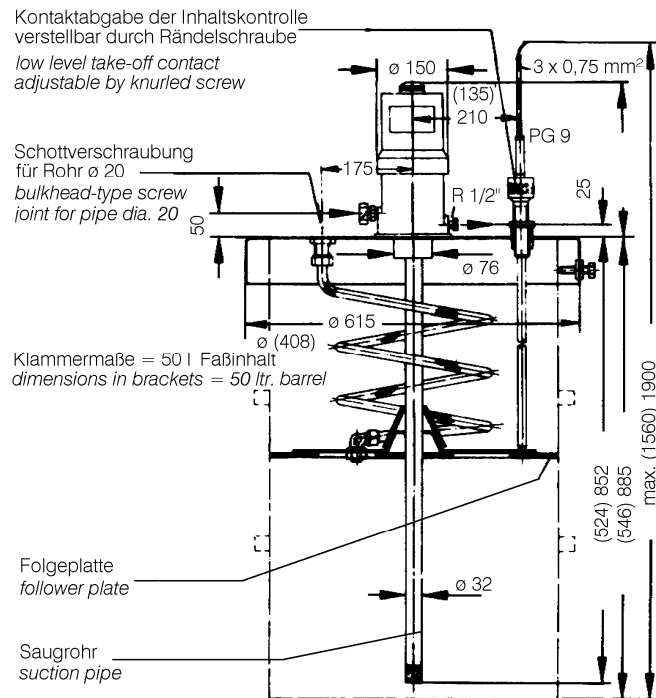


for reservoir 200 liters

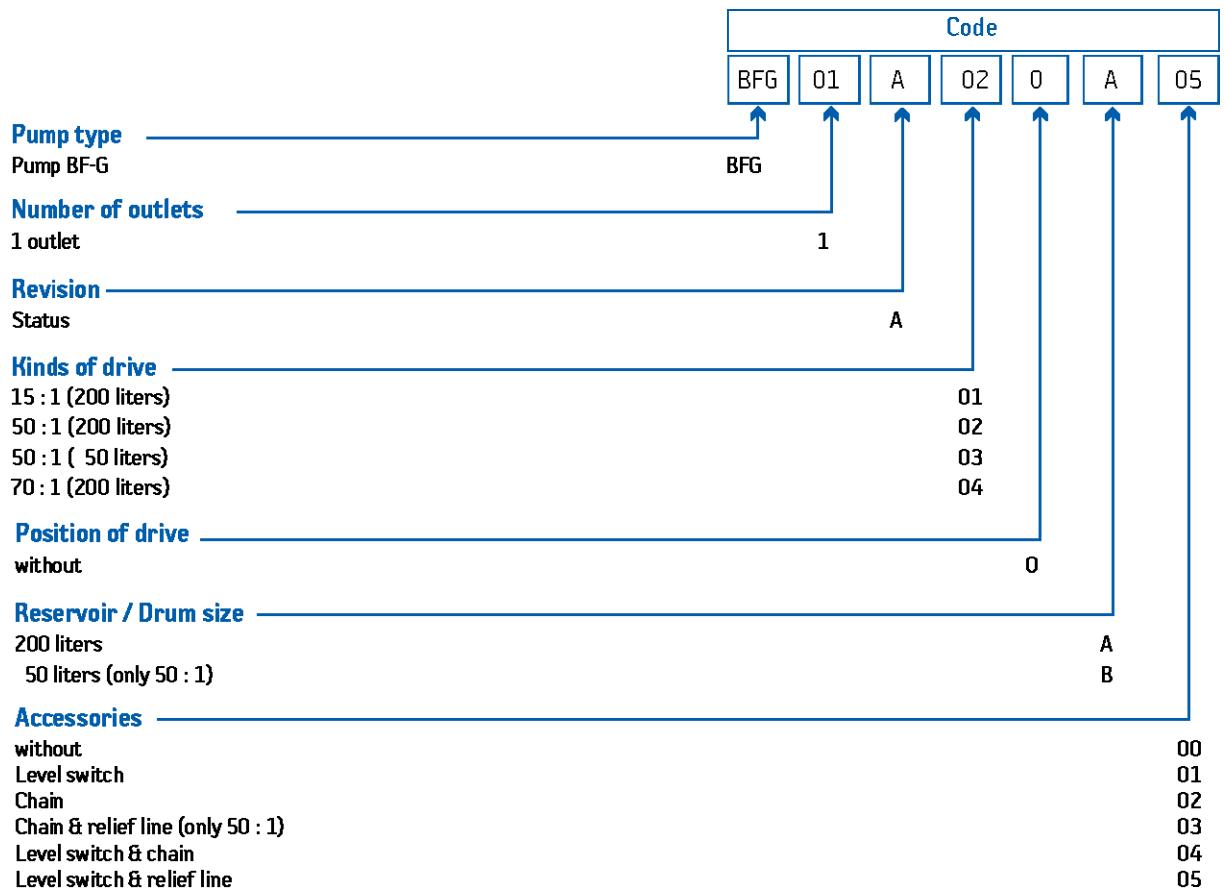


for reservoir 50 liters

DIMENSIONS (mm)



CODING / EXAMPLE OF ORDER



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