

Heavy duty pneumatic pumps, industrial pump series "Power Bull", designed for the supply of grease under demanding conditions. Particularly suitable for the grease distribution in pipeworks and installations where a simultaneous supply of grease is required on different dispensing points at high pressure and/or with a high delivery.

The high quality of the materials used in order to realize the innovative constructional concept of the pneumatic motors of this series, guarantees the following characteristics and advantages:

- Efficiency of a continuous flow,
- Low loudness,
- Limited number of piston strokes,
- Low vibrations,
- Easy handling and interchangeability of components,
- System of condensation water draining, to avoid the pulverization into the surrounding area,
- Wide variety of accessories.

The pumps are available in various models with different compression ratios and delivery performances so that they offer a solution for all principal requirements in applications.



Art. no. 4049	Grease type NLGI				
m	0	1	2	3	Pressure
1	13,10	9,60	8,60	7,80	400 bar
5	12,90	9,00	7,90	5,60	360 bar
10	12,20	8,20	6,70	4,00	240 bar
20	10,60	6,40	4,80	2,30	220 bar
30	8,80	4,70	3,10	2,10	180 bar
40	8,00	3,20	2,50	1,70	150 bar
50	7,60	2,80	2,20	1,40	110 bar
70	7,20	2,50	1,90	0,90	85 bar

Grease type NLGI 0

		Art. no. Pump					
		m	4046	4047	4048	4049	4050
Hose length	1	19,00	22,00	15,00	13,00	7,00	
	5	18,00	21,50	14,60	12,50	6,80	
	10	17,50	20,00	10,50	11,60	6,40	
	20	13,80	18,60	8,60	10,00	5,90	
	30			6,50	8,60	4,80	
	40			5,30	6,00	4,50	
	50			4,20	5,40	4,30	
	70			3,00	4,00	4,00	

Grease type NLGI 2

		Art. no. Pump					
		m	4046	4047	4048	4049	4050
Hose length	1	18,00	21,00	11,60	8,60	5,70	
	5	13,20	16,90	8,50	7,90	5,20	
	10	12,60	15,00	6,20	6,70	4,70	
	20	7,60	10,20	4,10	4,80	3,50	
	30			3,80	3,10	2,90	
	40			3,40	2,50	2,50	
	50			6,00	2,20	2,20	
	70			2,00	1,90	2,10	

The a. m. performance values refer to the pump delivery expressed in kg/min

Grease type NLGI 1

		Art. no. Pump					
		m	4046	4047	4048	4049	4050
Hose length	1	18,00	21,00	12,70	9,60	6,30	
	5	16,00	20,00	10,30	9,00	5,80	
	10	14,90	18,40	8,00	8,20	5,30	
	20	11,10	17,00	5,20	6,40	4,30	
	30			4,40	4,70	3,30	
	40			4,10	3,20	2,90	
	50			3,80	2,80	2,60	
	70			1,80	2,50	2,20	

Grease type NLGI 3

		Art. no. Pump					
		m	4046	4047	4048	4049	4050
Hose length	1	18,00	21,00	9,30	7,80	5,10	
	5	11,00	14,20	5,30	5,60	4,10	
	10	9,10	12,10	3,80	4,00	3,50	
	20	6,90	7,40	3,10	2,30	2,10	
	30			2,20	2,10	1,90	
	40			1,70	1,70	1,70	
	50			0,80	1,40	1,60	
	70			0,30	0,90	1,30	

The a. m. performance values are based upon the following test conditions:

Compressed air pressure 8 bar
- temperature 24°C - rubber outlet hose ø 1" for the art. nos. 4049 and rubber outlet hose ø 1 1/2" for the art. nos. 4046 and 4047.