



Technical data sheet

Version: 001 / 19-82

For: booster pump

Typ 220/1 Set:

Mechanical data:

width
depth
Total height
total weight
Connection thread air drive
Suction hose 3 1.8 m
Filling hose*2 1.5 m
Control air hose 2 m
Pressure reducer G5/8" 200 or 300 bar

600 mm
400 mm
230 mm
ca. 11 kg
NW 7,2 plug
connections depending on the application
connections depending on the application
NW 7.2 connections
NW 7.2 output

Pneumatic data:

air drive pL (bar) 4-10 bar
medium: filtered, oil-free compressed air

Performance data: transmission ratio

1:27

Gas inlet pressure pA min 15 bar
Gas inlet pressure pA max 200 bar
Max permissible outlet pressure pB 300 bar
Displacement ca. 13 cm³
Delivery rate per stroke 0,013 l
Formula for gas outlet pressure pB 27 x pL
Compressed air consumption 6 l per stroke at 6 bar

Noise emission:

maximum possible sound level <78 dB (A)

Environmental conditions:

Permissible operating temperature: + 5°C max + 45°C
Permissible storage and transport temperatures: + 5°C max + 60°C

Permitted media:

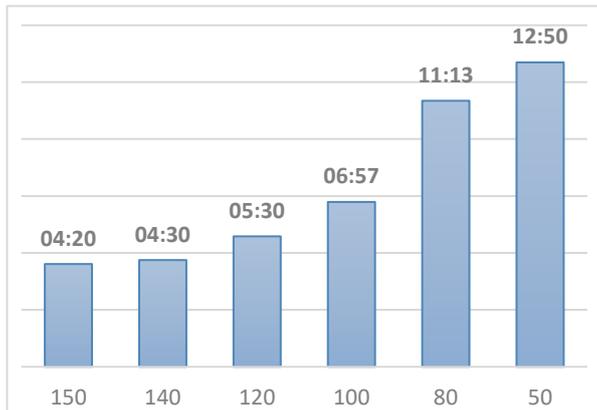
gas Inert gases
oxygen



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220/1 booster performance data:

Füll-Zeit in Minuten



Constant pressure in the withdrawal bottle pA □

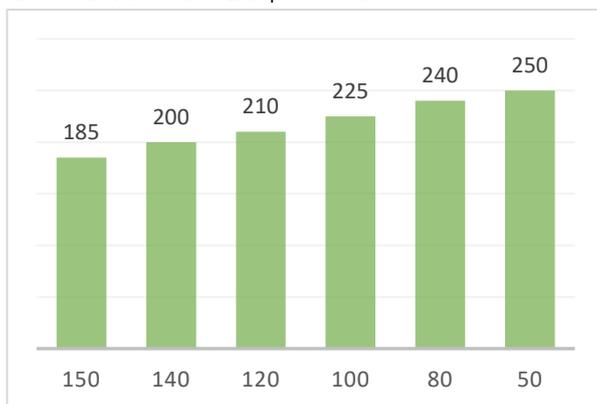
Figure 1: Filling time, booster pump 220-1

Filling time

Filling time from 150 to 200 bar with a 10 liter volume, measured at a constant 8 bar pL on the air drive.

□ = Time in minutes

Antriebsluftverbrauch in Liter pro Minute



Constant pressure in the withdrawal bottle pA □

Figure 2: Air consumption booster pump 220-1

Air consumption

Air consumption from 150 to 200 bar with a 10 liter volume, measured at a constant 8 bar pL on the air drive.

□ = Air consumption in liters / minute

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