

## SOUND LEVEL MEASUREMENT OF THE LIQUIDYN VALVE



The measurement of the sound level from the Liquidyn P-Dot valve (sNr. 00411301) was realized with a VOLT CRAFT SL-100 in a distance from one meter to the valve. It was measured with different frequencies, from 10 to 150 Hz in 10 Hz steps. The measurement started with 10Hz and one hundred shots. After every three measurements the number of shots was increased for one hundred shots.

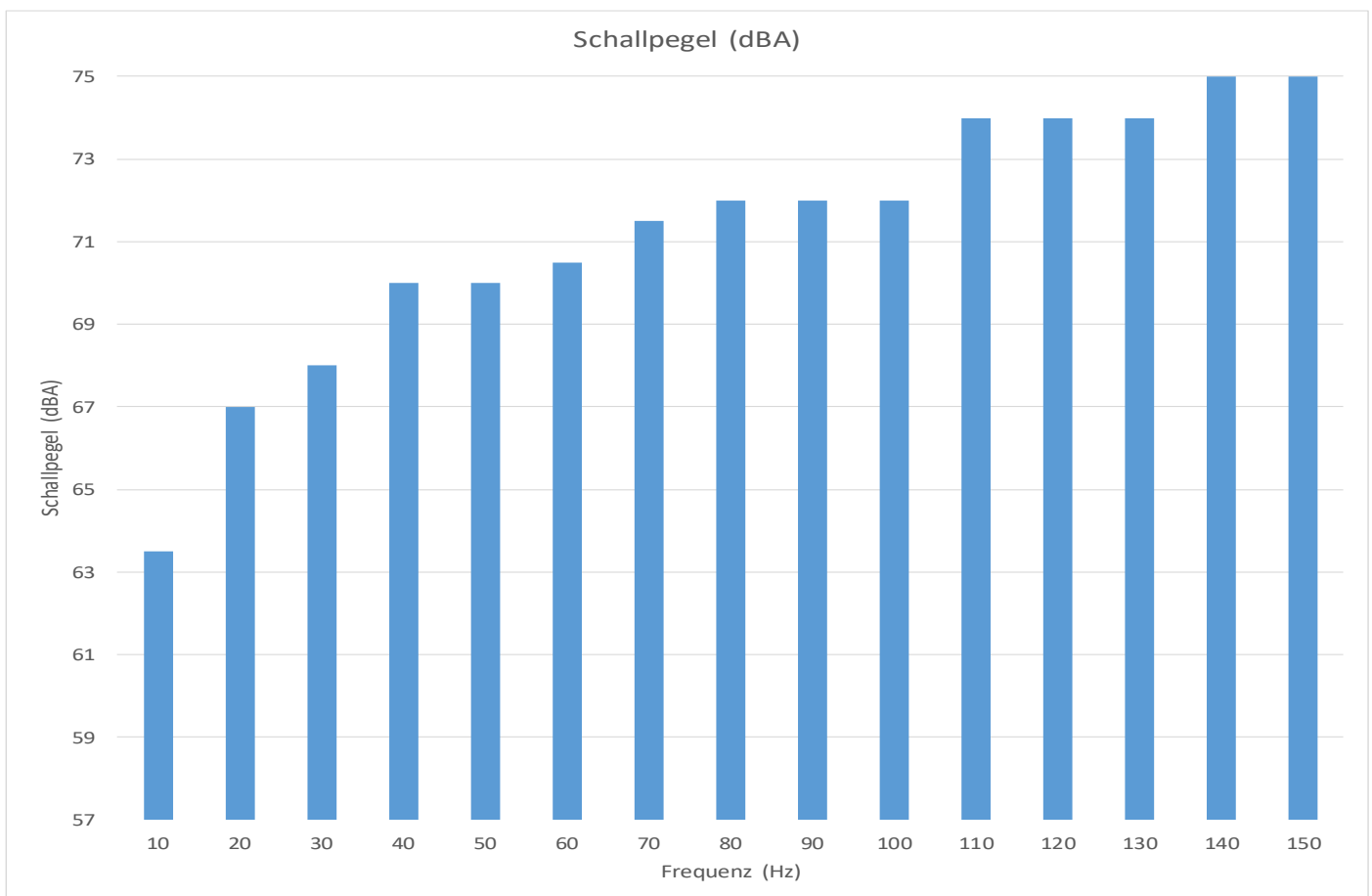
That means:

10, 20, 30Hz	= 100shots
40, 50, 60Hz	= 200shots
70, 80, 90Hz	= 300shots
100, 110, 120Hz	= 400shots
130, 140, 150Hz	= 500shots

**Pressure during measurement:**

Valve pressure:	5.0 bar
Cartridge pressure:	3.0 bar

### Sound Level



The measurement was realized with a sound absorber mounted on the Liquidyn valve. Without it the sound level is about three dBA higher.