

# Piston vibrators

## Heavy-duty version

- Pneumatic
- Explosion-proof
- Oil-free compressed air

GIPA introduces a new series of pneumatic, heavy-duty linear vibrators, which offers the customer significant advantages.

The frequency and the amplitude are independently and freely regulable over practically the full range.

Thanks to the use of new materials, extra lubrication becomes unnecessary.

The series furthermore combines low air consumption with minimal noise production. Due to optimal material selection and special surface treatment of the working surfaces, frictional resistance is reduced, making extra lubrication unnecessary.

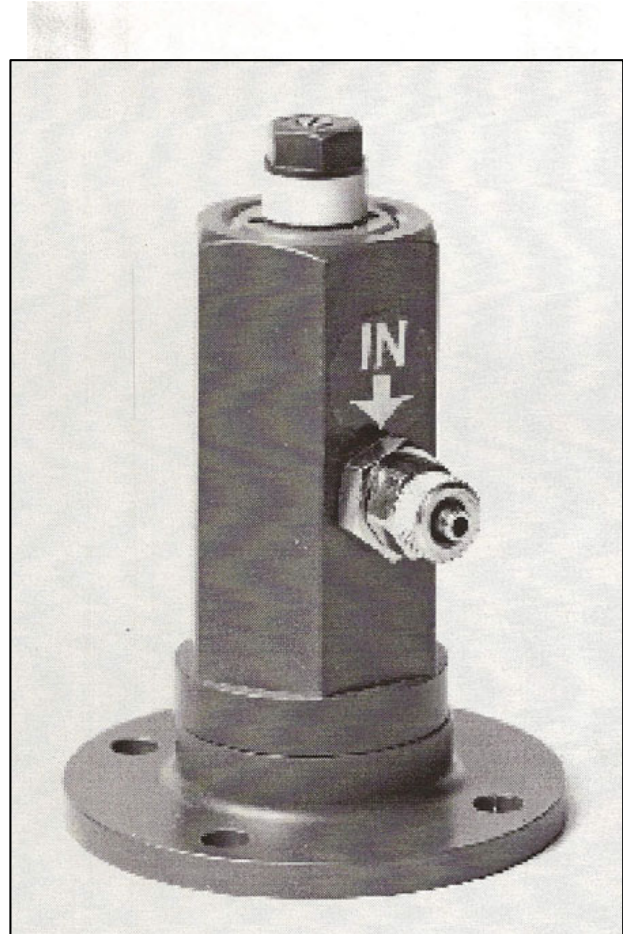
The inherently low temperature of the working surfaces is even further reduced by using the exhaust air from the vibrator as a cooling medium (expansion).

This leads to minimal wear and hence to a long life-span.

The special construction also enables the tolerances between the working surfaces to be reduced, resulting in low air consumption and high output, without any need for special seals between the surfaces.

Furthermore, the low air consumption and absence of metallic contact between the piston and end covers means that noise-production is minimal.

The exterior of the vibrators is treated with a so-called hard coat, making them resistant to corrosion and most detergents.

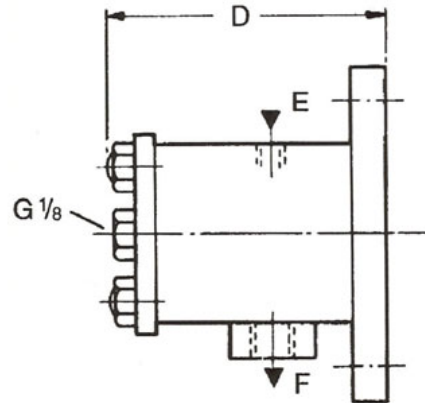
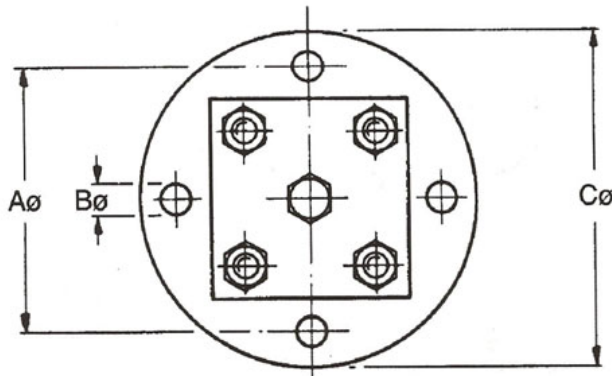


### APPLICATION:

Pneumatic piston vibrators can be employed for a wide range of applications. For example:

- in bunkers, silos etc. to prevent arching and tunneling;
- for compacting, transportation, dosing, separation and/or sorting, unblocking, orientation, mixing etc.

## Piston vibrators, heavy-duty version



TYP	øA	øB	øC	D	E	F	Kg	Freq.Hz.		4 bar	
								2 bar	6 bar	H* L/min	dB (A)
LG 80-110	168	14	210	195	3/8"	1"	17.9	25	40	26	67
LG 80-160	168	14	210	275	3/8"	1"	23.5	15	30	34	65
LG 100-160	315	14	380	285	3/4"	1"	42.5	25	40	40	67
LG 120-160	315	14	380	285	3/4"	1"	57.2	15	25	64	65

\*H = Air consumption

(the above dimensions and types are not binding)

1 Bar = 100 KPa = 10 N/cm<sup>2</sup>

### Our product range consists of the following components and devices:

- Linear vibrators
- Turbine vibrators
- Ball vibrators
- Roller vibrators
- Vibrating tables
- Vibrating troughs
- Vibrosieves
- Bowl feeders
- Vibrating mixers
- Bunker hammers
- Hydrovibrators
- Vertical vibrating conveyors