



DECA VIBRATOR

Division of DECA Products, Inc.

PNEUMATIC IMPACTING VIBRATORS

Models

DI-150S

DI-170S

DI-200S



DI-200S

DI-170S

DI-150S

CONTROL UNIT

Vibration Technology

Pneumatic Impacting Vibrators

Description

DI-150S impacting piston vibrator is of robust construction having a cast aluminium case and a hardened steel piston. It is designed so that the piston strikes a mounting plate of the unit it is fitted.

Damper Kit (**DI-150S** only, supplied as standard) used between the vibrator and the mounting plate significantly reduces noise. **DI-170S**, **DI-200S** impacting piston vibrators are of robust construction having a steel case and a hardened steel piston. They are designed so that the piston strikes the base plate of the vibrator and is therefore totally enclosed.

Control Unit Suitable for all models to run continuously adjustable from 6 - 100 impacts per minute. Supplied in a sturdy box with lid attached by 1/4 turn screws. Speed adjustments made by a regulator housed inside the unit to avoid accidental speed changes.

This unit must be mounted within 1 meter from the vibrator for optimum operation.

Application

The **DI-150S**, **DI-170S** & **DI-200S** impacting piston vibrators are designed to give a high shock force suitable for knocking off stubborn material adhering to hopper walls, which in turn would diminish the possibility of bridging and ratholing.

Recommended hopper wall thickness:

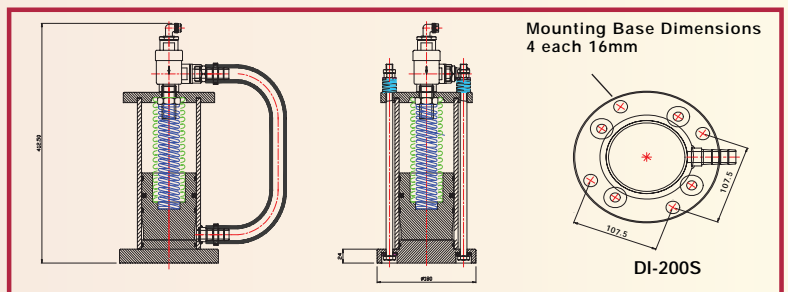
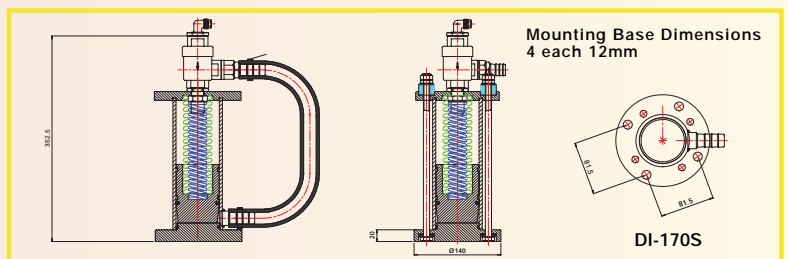
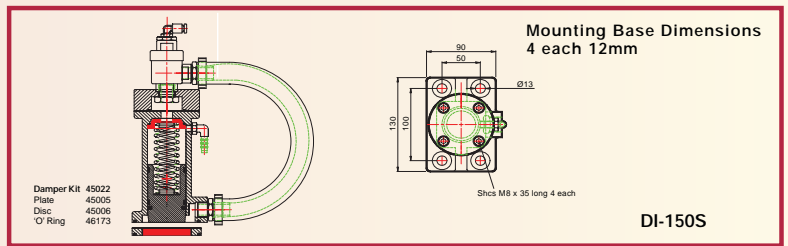
DI-150S: 3 - 6mm, **DI-170S:** 6 - 10mm,
DI-200S: 10 - 12mm

Please allow us to quote you for other fittings and control equipment.

On request can be supplied with ATEX certification
to ATEX 95 94/9/EC (Ex) II 2 G & D Zone 1, 2, 21, 22

Technical Data

Model	Impacts per min @ 6 BAR - 90 PSI	Air Consumption @ 6 BAR - 90 PSI	Weight Kgs
DI-150S	Single impact	0.8 liters per impact	3.30
DI-150S+Control Unit	Continuous impacts adjustable from 6-100/min	0.8 liters per impact	"
DI-170S	Single impact	1.7 liters per impact	11.0
DI-170S+Control Unit	Continuous impacts adjustable from 6-100/min	1.7 liters per impact	"
DI-200S	Single impact	3.6 liters per impact	22.0
DI-200S+Control Unit	Continuous impacts adjustable from 6-100/min	3.6 liters per impact	"



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