

constant pipe supports



style types

Figure number 81H horizontal.

Figure number 80V vertical.

description

Constant pipe supports provide a constant supporting force for piping for a full range of vertical movement resulting from expansion and contraction.

applications

The constant support is used where it is necessary to prevent the load from the weight of the pipe transferring to connected equipment or adjacent supports. They are used generally for the support of critical piping systems.

specification

The support consists of a coil spring fitted inside a steel casing, working in conjunction with a bell crank lever, and is fitted with a spring deflection scale. Travel stops are an extra feature. Radcoflex constant supports meet the requirements of the (US) Manufacturers Standardization Society SP-69 (Types 54, 55 and 56).

materials of construction and finish

Carbon steel with red zinc chromate finish.

Corrosive resistant models hot dip galvanized.

size range

Radcoflex constant supports are manufactured in two figure numbers (models) with five types in each, and 110 sizes of each configuration. The range can accommodate travels from 40 to 500 mm and loads from 0.12 to 403.5 kN.

selection criteria

The type of constant support to be used depends upon the available room for suspending the support ie. whether the support is to be installed above, between or below steel members and how it is intended to attach the support to these members.

Note: If both figure numbers can be accommodated, preference should be given to the figure 81H support which weighs less than the same size figure 80V.

Full technical specification booklets are available from Radcoflex to aid selection.

data sheet - PS 008

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