

variable pipe supports



style types

Figure numbers 82, B268 and 98.

description

Variable pipe supports (also referred to as variable spring hangers) are used for supporting pipes at points that are subject to vertical movement. A variable support gives a supporting force which varies with the deflection of the support spring.

applications

Suitable for general use on non-critical piping systems or on critical systems where the vertical movements are small (usually up to 50 mm).

specification

The support consists of a coil spring fitted inside a steel casing, and is fitted with a spring deflection scale. Travel stops are an optional extra feature. Radcoflex variable supports meet the requirements of ANSI Code for Pressure Piping ANSI B31.10.

materials of construction and finish

Carbon steel with red zinc chromate finish.
Corrosive resistant models hot dip galvanized.

size range

Radcoflex variable supports are manufactured in three figure numbers (models) with seven types in each, and 21 sizes of each configuration. The range can accommodate loads from 0.22 to 125 kN.

selection criteria

In order to select the correct type and size of variable support, it is necessary to know:

- the working (hot) load
- the vertical movement
- the direction of the vertical movement from cold to hot position

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

data sheet - PS 001

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