



Style 316 Hangers Utilize Single-Piece Double Body Bars for Added Rigidity

KWS Thermal Expansion Hangers

Intermediate hangers provide support between screw sections in screw conveyors. High-temperature applications require hanger designs that accommodate thermal expansion. As temperatures fluctuate, screw conveyors expand and contract axially. Thermal expansion must be considered in the design to prevent premature wear and component failure.

KWS Thermal Expansion Hangers are specifically designed to maintain critical support of screw sections while allowing controlled axial movement. The unique design ensures proper alignment and support under a wide range of operating temperatures and can be configured using various hanger bearing materials to meet application requirements.

Features

Thermal Expansion Design – Self-adjusting hanger top bar slides along trough guides, allowing hanger to move axially with the screw assembly.

Variety of Bearing Materials – Bronze, hard iron, and Stellite hanger bearings are selected based on process requirements.

Multiple Hanger Styles – Two hanger configurations are available – Style 316 utilizes a single-piece double body bar design for heavy-duty applications. Style 326 features a two-piece combination body bar design that provides minimal obstruction to bulk material flow

Benefits

Maximum Uptime – Axial movement of hanger reduces stress on screws and maintains proper support and alignment.

Application-Based Solution – Hanger bearing variety provides solutions for almost every process condition.

Bulk Material Specific – Bulk materials ranging from light and free-flowing to dense and sluggish are considered when choosing between Style 326 and 316 hangers.



Expansion Hangers Slide Along Trough Guides While Maintaining Alignment



Style 326 Hangers Feature Two-Piece Combination Body Bars for Minimal Obstruction of Bulk Material Flow



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Features & Benefits



Hanger Bearing Materials are Selected Based on
Application Requirements



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