



Cut Away View Shows Shape of Excluder Ring

Excluder Rings Stop Bulk Material Leakage

Excluder rings are used as a secondary shaft seal to prevent leakage of bulk materials at the drive or tail shafts of a screw conveyor, drag conveyor or bucket elevator. An excluder ring is installed on the inside of a conveyor to prevent bulk materials from leaking through the shaft hole in the trough end or casing. A standard seal is located on the outside of the trough end or casing. The combination of an excluder ring on the inside and a standard seal on the outside almost always guarantees a leak-proof conveyor.

Excluder rings fit very tightly over the shaft and require an interference fit. After installation, the excluder ring is pushed up against the inside of the trough end or casing. The outside edges of the excluder ring flare out and provide spring pressure to seal the hole in the trough end or casing.

Excluder rings are installed on every assembled conveyor at KWS. No other screw conveyor manufacturer provides excluder rings as a standard feature.

Features

Easy to Install – Excluder rings are installed by simply tapping the excluder ring onto the shaft with a rubber mallet.

Availability – Excluder rings are available in every CEMA shaft size and in stock at KWS.

Positive Seal – Excluder rings provide spring pressure against the trough end or casing

Benefits

Very Cost Effective – Excluder rings typically cost less than \$50.00 to purchase and install.

Easily Retrofit Existing Conveyors – Excluder rings can be purchased and installed on all existing conveyors and elevators.

Eliminate Bulk Material Leakage – Excluder rings are a very simple, cost effective method of eliminating bulk material leakage from conveyors and elevators.



KWS Manufacturing

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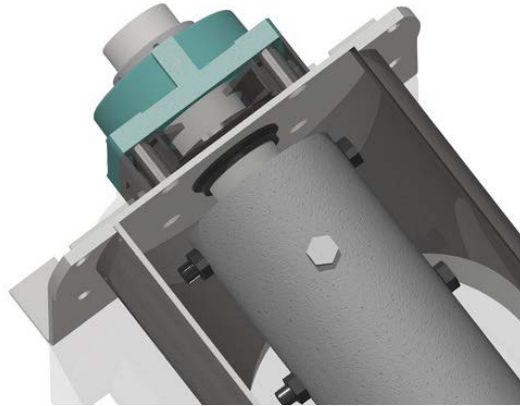
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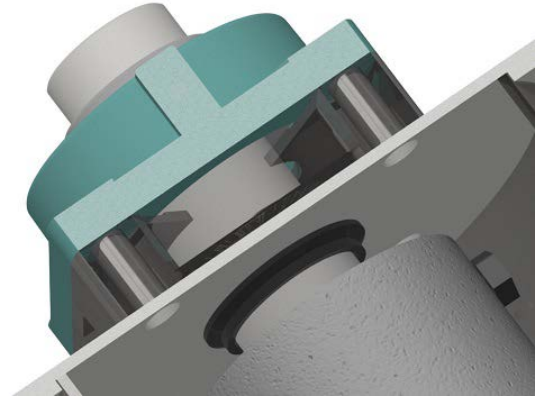


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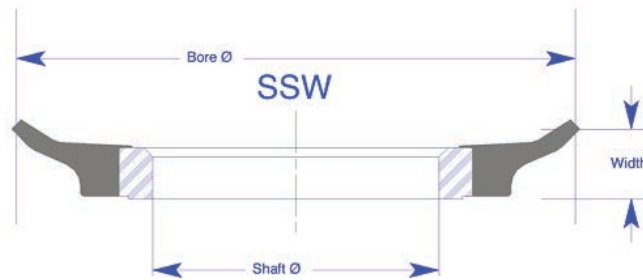
Excluder Rings Stop Bulk Material Leakage



Excluder Ring Seals Against Trough End of Screw Conveyor



Excluder Ring Uses Spring Pressure to Provide Positive Seal



Excluder Rings are Available in Every CEMA Shaft Size



**Design
Engineering
Manufacturing**

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