Classic Idlers for Heavy Duty Applications

Our idler range uses centrifugally sealed rollers which have been used successfully throughout the world since the 1960s. The duty ratings vary from CEMA B to CEMA F in addition to our own rating, SERIES 60 which exceeds all of the CEMA ratings.

High quality Classic idlers offer our customers service for life. For years and years they'll ask for nothing - not even a re-grease! They keep on running while you reap the following rewards:

- Low downtime because of longer replacement intervals achieved by a high level of manufacturing accuracy.
- No maintenance because sealed deep groove ball bearings are used which require no re-greasing sealed for life.
- Decrease belt wear and power consumption because of a much lower roller running friction, very low T.I.R. and high accuracy roller support manufacturing. International patented frictionless self-cleaning sealing arrangements.

Choose Classic Conveyor Components idlers with ratings from light to ultra heavy duty to work for you for life. Our Classic Conveyor Components idlers are manufactured with our ultra-low friction resistance rollers and can be mounted on a frame or on hanger brackets.

All conveyor rollers manufactured by Classic Conveyor Components contain self cleaning frictionless centrifugal bearing seals which have major advantages over traditional greased labyrinth seals.

The revolutionary centrifugal self-cleaning action of the seals ensure that bearings are able to reach their designed life. Grease-free sealing elements result in much lower friction values than conventional designs.

Our Idlers support troughed belts of 20, 35, or 45 degrees and flat belts.

Classic™
Conveyor Components

Part Number	30126-35-042
	Classic Conveyor Components CEMA D Series
Product Name	Troughing Standard Idler, Factory Steel
Belt Width	42 in
CEMA Series	D
Trough Angle	35 °
Idler Type	Steel Equal
Roll Diameter	Length Roll Troughing
Roll Material	Steel
Lubrication Type	Factory Sealed
Base to Centerline Height	9.47 in
Allowable Bolt Spacing Center to Center on Each Mounting Pad in Belt Travel Direction (minimum)	5.5 in
Allowable Bolt Spacing Center to Center on Each Mounting Pad in Belt Travel Direction (maximum)	8.5 in
Allowable Bolt Spacing Center to Center on Each Mounting Pad in Belt Travel Direction	7.0 in
Center Rolls Shell Length	15.0 in
End Rolls Shell Length	15.0 in
Length at Top of Idler in Belt Width Direction	40.7 in
Length from Bolt Mounting Center to Center Across Belt Width	51 in
Length from Pad Mounting Surface to Top of Idler	18.2

Length of Idler in Belt Width Direction at Mounting Surface	53.5 in
Mounting Pad Thickness at Bolts	0.375 in
Width from Slot on Mounting Pad for Bolt Diameter Clearance	0.63 in

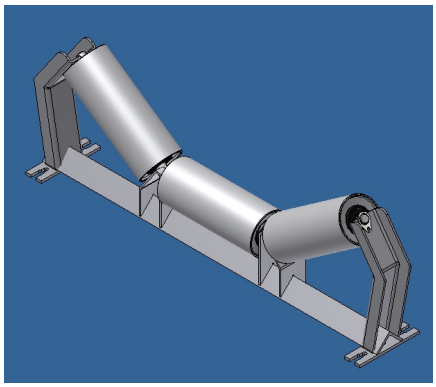

Photo shows part number 30126-35-042, a series D, 35 degree troughing idler with equal length rolls. (This idler also comes in 20 and 45 degrees)

Accessories	
Service Parts	
Product Name	

Classic Roller Specifications

Bearings: Deep groove double sealed or shielded bearings of tolerance class C3 and C4 are used. This allows for a larger amount of angular misalignment at the bearing than other bearing designs and classes.

Steel Tube: Only high quality tube specially manufactured for conveyor rollers is used and conforms to SABS 657/3 (1980). Shell ends are machined to prevent belt wear.

Steel Shaft: Manufactured from steel which complies with the requirements for grade 070 M20 of BS 970-1. The shaft diameter tolerance is as recommended by bearing manufacturers and ensures a perfect fit. Shaft end slots are machined to customer standards.

Hollow Shaft: Stepped light weight hollow steel shafts equivalent in strength and rigidity to solid shafts are available on request.

Bearing Housing: Manufactured from deep drawing material KHR1. Housings are pressed and MIG-welded to the inside of the tube.

Circular Movement Tolerance (TIR): TIR does not exceed 0.5 mm measured at a distance of 25 mm from the roller end face. Actual TIR values are less and can be verified by reference to historical data.

Classic Conveyor Components CEMA Series D Replacement Belt Conveyor Roll CEMA Series: D
Roll Diameter: 6.00 in
Roll Face Length: 15 in
Roll Material: Steel
Lubrication Type: Factory Sealed