solids Tube Screw Conveyor
Type DSR

Mechanical conveying and metering of bulk solids, horizontal or angular, wide spectrum of applications for many products

Advantages:
- Safe conveying of bulk solids
- The horizontal conveying length and the angular conveying height are flexible as per the customer's requirements
- Wide spectrum of applications for many products
- Cost-effective
Function:
The screw rotates in the housing and transports the product from the inlet to the outlet. The screw shaft is supported from both sides in the flange bearings. The shaft is sealed using adjustable packing glands or radial shaft sealing rings. The screw is directly driven using a slip-on geared motor.

Sizes: Screw Ø 150, 200, 250, 300, 350, 500 mm
Conveying length: a length of up to 8 m is possible

Characteristics:

1) Stable pipe structure
Temperatures up to 250 °C
3) Screw flight with core barrel self-supporting
4) External bearing

Alternative constructions for: foodstuffs, high temperature, wear resistant
Detail: Bearing and shaft feedthrough with radial shaft sealing rings appropriate for foodstuffs for instance

Alternative: Bearing and shaft feedthrough with packing glands and offset bearings appropriate for abrasive products and for high temperature construction