



UHMW Hanger Bearings are Resistant to Many Chemicals

KWS UHMW Hanger Bearings

Hanger bearings manufactured from UHMW (Ultra-High-Molecular-Weight Polyethylene) material provide excellent service in many bulk material handling applications. UHMW is a type of polyethylene plastic that is self-lubricating with excellent wear and water resistance. KWS stocks all CEMA sizes of hanger bearings in both style 216 and 226 UHMW material.

KWS UHMW hanger bearings will not swell in water compared with other engineered plastic bearings and are FDA approved for use in food applications.

Features

Chemical Resistance – UHMW is chemically inert and withstands many corrosive chemicals

Self-Lubricating – No external lubrication is required

Wide Temperature Range – UHMW bearings operate in temperatures ranging from -50 to +200-degrees F

Benefits

Zero Contamination – UHMW will not degrade in corrosive environments

Low Maintenance – No lubrication required for almost zero maintenance

Variety of Applications – UHMW bearings can handle a wide variety of bulk materials, food grade applications, and moderate temperature ranges

UHMW bearings are ideal for screw conveyor applications involving light to moderate loads and speeds up to 60-rpm. Bulk materials such as various chemicals and food products that are free-flowing and non-abrasive with bulk densities less than 50-lbs. per cubic foot are perfect applications for the use of UHMW hanger bearings. Please refer to the KWS Screw Conveyor Engineering Guide for more information.



FDA Compliant Material is Used for Conveying Food Products and Even Ice



UHMW Hanger Bearings are Recommended for Light to Moderate Loads and Speeds Up to 60-rpm



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