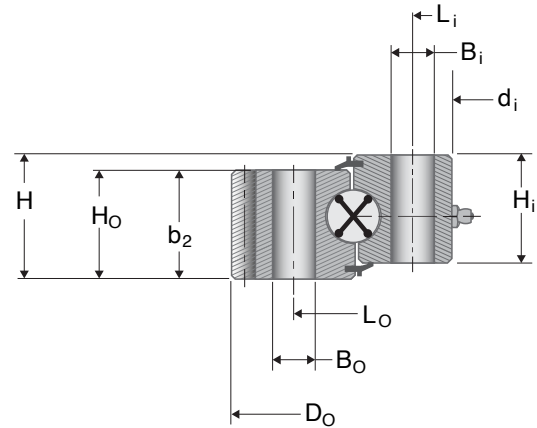


# SILVERTHIN STE-415

# External Gear Slewing Ring Bearing

## Overall Dimensions

Outside diameter of outer ring ( $D_o$ )	24.650 in
Inside diameter of inner ring ( $d_i$ )	16.250 in
Height of overall bearing assembly ( $H$ )	2.375 in
Height of inner/outer rings ( $H_i/H_o$ )	2.063 in
Approximate Weight	132.00 lbs



## Gear Data ( $\alpha = 20^\circ$ )

Tooth Form	Stub involute spur gear
Pitch diameter of gear ( $D_2$ )	24.250 in
Diametral pitch ( $P_d$ )	4
Max Gear Tooth Load ( $F_2$ )	10,420 lbs
Number of Teeth ( $Z_2$ )	97

## Also Available

14 SD Tooth Mating Pinion	<a href="#">SP415540-14</a>
17 SD Tooth Mating Pinion	<a href="#">SP415540-17</a>

## Interchange

Kaydon [MTE-415](#)

## Mounting Holes

Inner Ring Bolt Circle ( $L_i$ )	17.750 in
Inner Ring Hole Count	20
Inner Ring Hole Size ( $B_i$ )	0.813 in
Outer Ring Bolt Circle ( $L_o$ )	22.250 in
Outer Ring Hole Count	16
Outer Ring Hole Size ( $B_o$ )	0.813 in

## Load Capacities

Moment Rating	101,370 ft-lbs
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