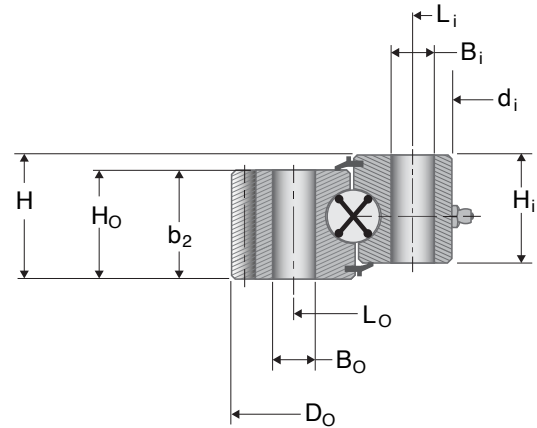


# SILVERTHIN STE-145

# External Gear Slewing Ring Bearing

## Overall Dimensions

Outside diameter of outer ring ( $D_o$ )	12.286 in
Inside diameter of inner ring ( $d_i$ )	5.709 in
Height of overall bearing assembly ( $H$ )	1.968 in
Height of inner/outer rings ( $H_i/H_o$ )	1.732 in
Approximate Weight	38.00 lbs



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

Tooth Form	Fellows stub involute spur gear
Pitch diameter of gear ( $D_2$ )	12.000 in
Diametral pitch ( $P_d$ )	5/7
Max Gear Tooth Load ( $F_2$ )	7,140 lbs
Number of Teeth ( $Z_2$ )	60

## Also Available

14 FS Tooth Mating Pinion	<a href="#">SP145324-14</a>
17 FS Tooth Mating Pinion	<a href="#">SP145324-17</a>

## Interchange

Kaydon	<a href="#">MTE-145</a>
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## Mounting Holes

Inner Ring Bolt Circle ( $L_i$ )	6.890 in
Inner Ring Hole Count	16
Inner Ring Hole Size ( $B_i$ )	0.562 in
Outer Ring Bolt Circle ( $L_o$ )	10.630 in
Outer Ring Hole Count	16
Outer Ring Hole Size ( $B_o$ )	0.562 in

## Load Capacities

Moment Rating	18,700 ft-lbs
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