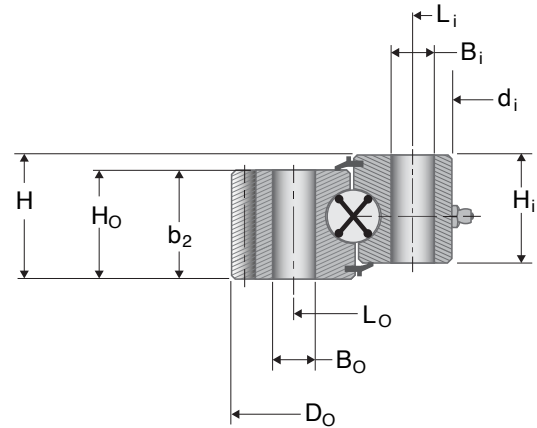


SILVERTHIN STE-705T**External Gear Slewing Ring Bearing****Overall Dimensions**

Outside diameter of outer ring (D_o)	38.201 in
Inside diameter of inner ring (d_i)	27.750 in
Height of overall bearing assembly (H)	2.875 in
Height of inner/outer rings (H_i/H_o)	2.563 in
Approximate Weight	325.00 lbs

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

Tooth Form	Stub involute spur gear
Pitch diameter of gear (D_2)	37.667 in
Diametral pitch (P_d)	3
Max Gear Tooth Load (F_2)	17,390 lbs
Number of Teeth (Z_2)	113

Also Available

14 SD Tooth Mating Pinion	SP590705-14
17 SD Tooth Mating Pinion	SP590705-17

Interchange

Kaydon [MTE-705T](#)

Mounting Holes

Inner Ring Bolt Circle (L_i)	29.500 in
Inner Ring Hole Count	28
Inner Ring Hole Size (B_i)	7/8-9
Outer Ring Bolt Circle (L_o)	35.250 in
Outer Ring Hole Count	24
Outer Ring Hole Size (B_o)	7/8-9

Load Capacities

Moment Rating	371,940 ft-lbs
---------------	----------------