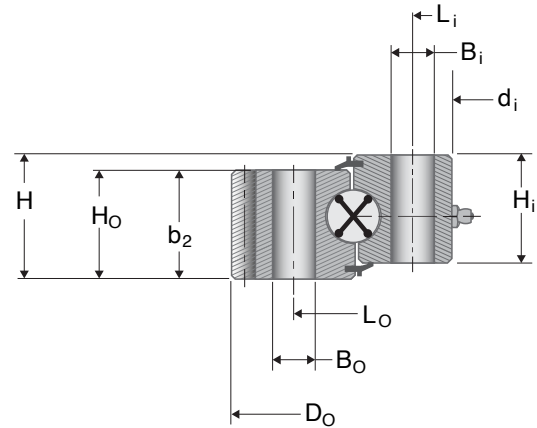


SILVERTHIN STE-730

External Gear Slewing Ring Bearing

Overall Dimensions

Outside diameter of outer ring (D_o)	41.850 in
Inside diameter of inner ring (d_i)	28.750 in
Height of overall bearing assembly (H)	3.250 in
Height of inner/outer rings (H_i/H_o)	2.880 in
Approximate Weight	491.00 lbs



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

Tooth Form	Stub involute spur gear
Pitch diameter of gear (D_2)	41.200 in
Diametral pitch (P_d)	2.5
Max Gear Tooth Load (F_2)	21,290 lbs
Number of Teeth (Z_2)	103

Also Available

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

Interchange

Kaydon [MTE-730](#)

Mounting Holes

Inner Ring Bolt Circle (L_i)	31.000 in
Inner Ring Hole Count	24
Inner Ring Hole Size (B_i)	1.063 in
Outer Ring Bolt Circle (L_o)	38.000 in
Outer Ring Hole Count	20
Outer Ring Hole Size (B_o)	1.063 in

Load Capacities

Moment Rating	468,100 ft-lbs
---------------	----------------