



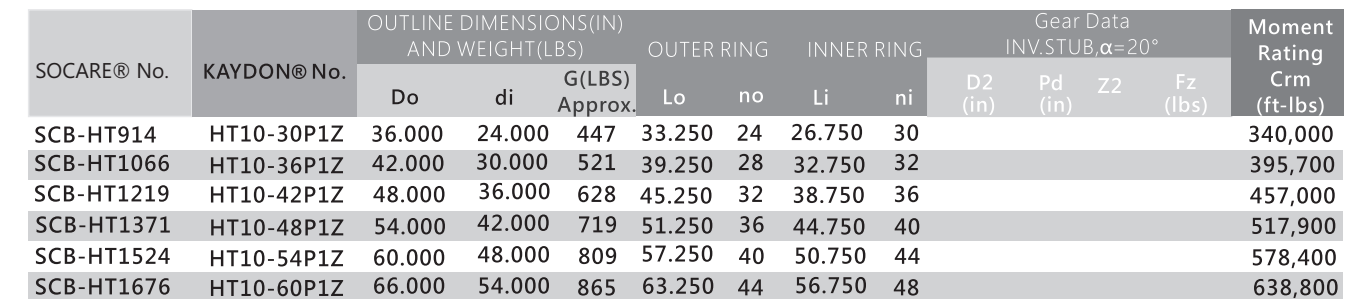
Introduction

Construction

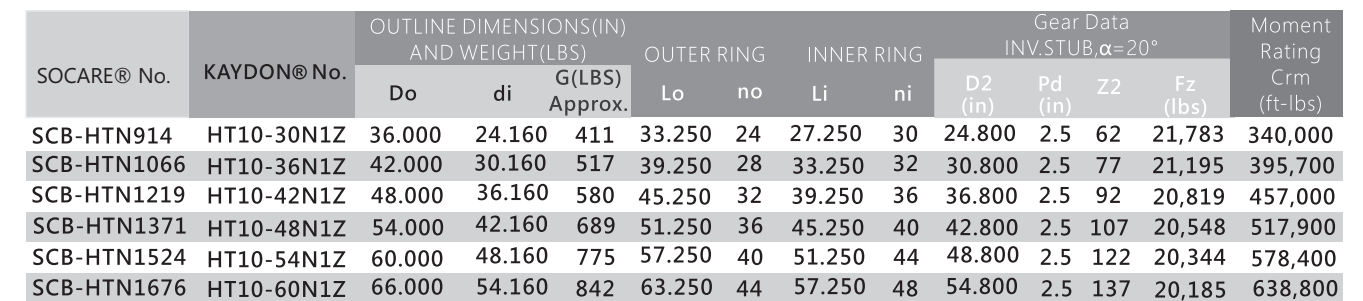
- Deep groove gothic arch
- 4 point contact
- Sealed
- Ring Configuration:
 - Non geared
 - External gear
 - Internal gear
- Geared rings have tapped holes
- Non geared rings have thru holes
- Gear detail:
 - Involute Stub
 - 20 deg
- AGMA8 Class (Contact SoCare® if you need higher precision ,AGMA8-AGMA11 even AGMA14 could be available for SoCare® which is subject to the bearing size.)
- .005"-.025" allowable backlash
- Grease fittings for lubrication

Applications

- Rotary table
- Lifts
- Material handling
- Derricks
- Rotators
- Stretch wrap equipment
- Crane



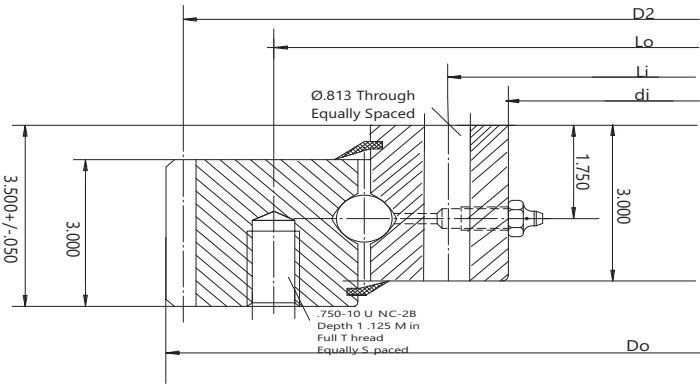
Contact SoCare® about custom features, configurations and construction.
(mounting holes, materials, coating, internal clearance)



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External Gear



SOCARE® No.	KAYDON No.	OUTLINE DIMENSIONS(IN) AND WEIGHT(LBS)			OUTER RING		INNER RING		Gear Data				Moment Rating C _{rm} (ft-lbs)
		INV.STUB,α=20°											
		Do	di	G(LBS) Approx.	Lo	no	Li	ni	D2 (in)	Pd (in)	Z2	Fz (lbs)	
SCB-HTE910	HT10-30E1Z	35.840	24.000	398	32.750	24	26.750	30	35.200	2.5	88	18,393	340,000
SCB-HTE1062	HT10-36E1Z	41.840	30.000	481	38.750	28	32.750	32	41.200	2.5	103	18,608	395,700
SCB-HTE1215	HT10-42E1Z	47.840	36.000	562	44.750	32	38.750	36	47.200	2.5	118	18,772	457,000
SCB-HTE1367	HT10-48E1Z	53.840	42.000	660	50.750	36	44.750	40	53.200	2.5	133	18,901	517,900
SCB-HTE1519	HT10-54E1Z	59.840	48.000	742	56.750	40	50.750	44	59.200	2.5	148	19,005	578,400
SCB-HTE1672	HT10-60E1Z	65.840	54.000	800	62.750	44	56.750	48	65.200	2.5	163	19,090	638,800

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SCB-HT Load Ratings**

**Ratings based on bearing capability, consult SoCare® engineering to ensure design criteria.

