

RNG Series

Precision Index Drives

Destaco's CAMCO Ring Drive offers an easy to integrate automations solution that fits easily into your operations. The main feature of the Ring Drive is the large center opening which minimizes your machine footprint. This allows a customer to mount equipment inside of the through-hole.

The dial ring can be removed for machining, allowing a customer to attach fixtures directly, eliminating the need for an additional dial plate. Drive packages can be provided complete with reducer and AC inverter drives to suit most applications.

With the best technical support and service, and access to our global network, Destaco's CAMCO Ring Drives are simply a superior design with great flexibility. 1550RNG Ring Index Drive



Product Highlights/Options

- Large center through-hole
- Three sizes available
- Steel and optional aluminum dial ring



Features, Markets and Applications

PRECISION	 High precision, hardened cams available in standard and special motions Superior accuracy at the working radius when compared to a traditional indexer 	PACKAGING	ASSEMBLY
PERFORMANCE	 Sealed 4-point contact output bearing and large cam followers for superior accuracy and load capacity 60 Station capacity, Ideal for multi-part automatic assembly machines 		WELDING
INTERCHANGEABLE	 Large Center through-hole to accommodate auxiliary equipment Broad range of motions and drive packages for greater flexibility Modular assembly makes ring drives easy to maintain. 	CONSUMER GOODS	CNC MACHINING



RNG Series Precision Indexing

The RNG Series Ring Drives motion can be driven by two types drive systems, a fixed stop drive system and a flexible servo drive option.

The Fixed Stop Drive System

The fixed step cam profile has two parts: an indexing period and a dwell period. With the motor rotating at a constant rate, the cam is cycling through the indexing period then the dwell period.

During the indexing period, the indexer rotates a predetermined degrees of movement, depending on the design of the cam.

During the dwell period, the indexer is at a standstill for a predetermined time, again depending the cam design.

The proportions or index-to-dwell period is fixed. It is cam-dependent and cannot be changed unless a new cam is installed.

With this type of drive system, the available number of stops are 4, 6, 8, 12, and 16. Additional cam motions are available.

The Flexible Servo Drive Option

Servo indexing is accomplished by using a servo motor with a constant lead cam, a cam with a single helical profile without a dwell period.

The servo motor controls the motion, number of stops and dwell period. This offer customers greater flexibility, with the ability to program customized stops, indexing and timing of stops to fit their unique needs.

Flexible Mounting

GERMANY

FRANCE

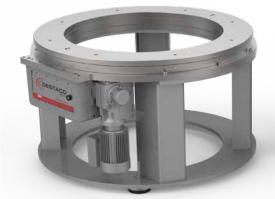
+49-6171-705-0

europe@destaco.com

Tel: +33-4-7354-5001

france@destaco.com

The RNG Series Ring Drives can be sold with an optional mounting base. This give customers flexibility to create their own mounting, or work with the Destaco team to provide a mounting base to fit their needs.







Optional Base

Dimensions and technical information are subject to change without notice.

THAILAND +66-2-326-0812 asia@destaco.com

INDIA +91-80-41123421-426 india@destaco.com



Cam at Index Period

Cam at Dwell Period

Constant Lead Profile

KAT IN RNG-F 0119 GB

USA +1-888-DESTACO +1-248-836-6700 northamerica@destaco.com



UNITED KINGDOM +44-1902-797980 uk@destaco.com

SPAIN +34-936361680spain@destaco.com NETHERLANDS +31-297285332 benelux@destaco.com

> CHINA +86-21-6081-2888 china@destaco.com