

Features:

CAMCO Roller Dial Index Drives have a robust, flexible design with superior load capabilities. Other features include:

Short camshaft motion periods, due to oversized roller gear cam design, are well suited for continuous running applications or for special motion requirements such as oscillating motions

Universal mounting including a horizontal mounting ideal for trunion applications

Option Center Thru-Hole facilitates passage of electrical wiring, pneumatic lines or mechanical linkages

Optional Stationary Center Post with thru-hole provides mounting for upper tool plate

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425RD	IN-RD-5
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RD SERIES

Precision Indexing | How To Order

Base Model	Description
425RD	w/ R180 reducer & 1/3 hp AC motor (220/440V)
800RD	w/ 7300C reducer & 2 hp AC motor (220/440V)
1301RD	w/ 7350C reducer & 2 hp AC motor (220/440V)
1801RD	w/ 7500C reducer & 3 hp AC motor (220/440V)

Control (only available with these models)

- 1** 1 hp 120V 425RD only
- 2** 1 hp 240V 425RD only
- 3** 1 hp 440V 425RD only
- 4** 2 hp 240V 800RD & 1301RD only
- 5** 2 hp 440V 800RD & 1301RD only
- 6** 3 hp 240V 1801RDM only
- 7** 3 hp 440V 1801RDM only



Motion	Stops	Index Period
A	2	330
B	3	330
C	4	330
D	6	330
E	8	330
F	12	330
G	16	330*

*1301RD & 1801RD

Index Mounting
(See Figure 1)

- 1**
- 2**
- 3**
- 4**
- 5**
- 6**

Reducer Ratio

- A** 15
- B** 20
- C** 25
- D** 30
- E** 40
- F** 50
- G** 60

Reducer Mounting
(See Figure 4)

- A** **J**
- B** **K**
- C** **L**
- D** **M**
- E** **N**
- F** **P**
- G** **R**
- H** **S**

Signal Switch **Signal Switch Side**
(See Figure 2)

- M** Mechanical **R** Reducer
- P** Proximity **S** Shaft

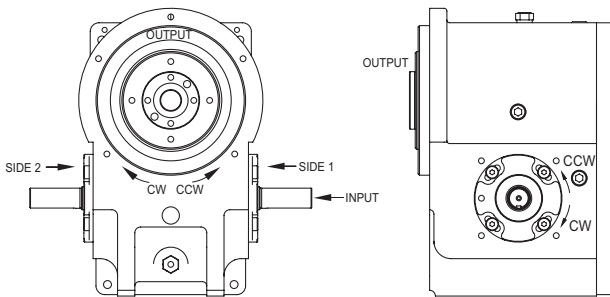
Example: MR, MS, PR or PS

Note about signal switch options:

- a) Mechanical is a single switch with cam.
- b) Proximity option is a mounting bracket for 8 or 12 mm proximity switch. A proximity switch will not be supplied. Cam supplied as target.

Other Motions (stops and index periods) available. Contact your DE-STA-CO sales representative for more information.

Input Shaft Configuration/Rotation (Figure 1)



Relative Rotation for Right Hand Cam:



- CW Input Side 1 CCW Output
- CCW Input Side 2 CW Output

NOTE: Input can be driven in either direction

Signal Switch Mounting Position (Figure 2)

