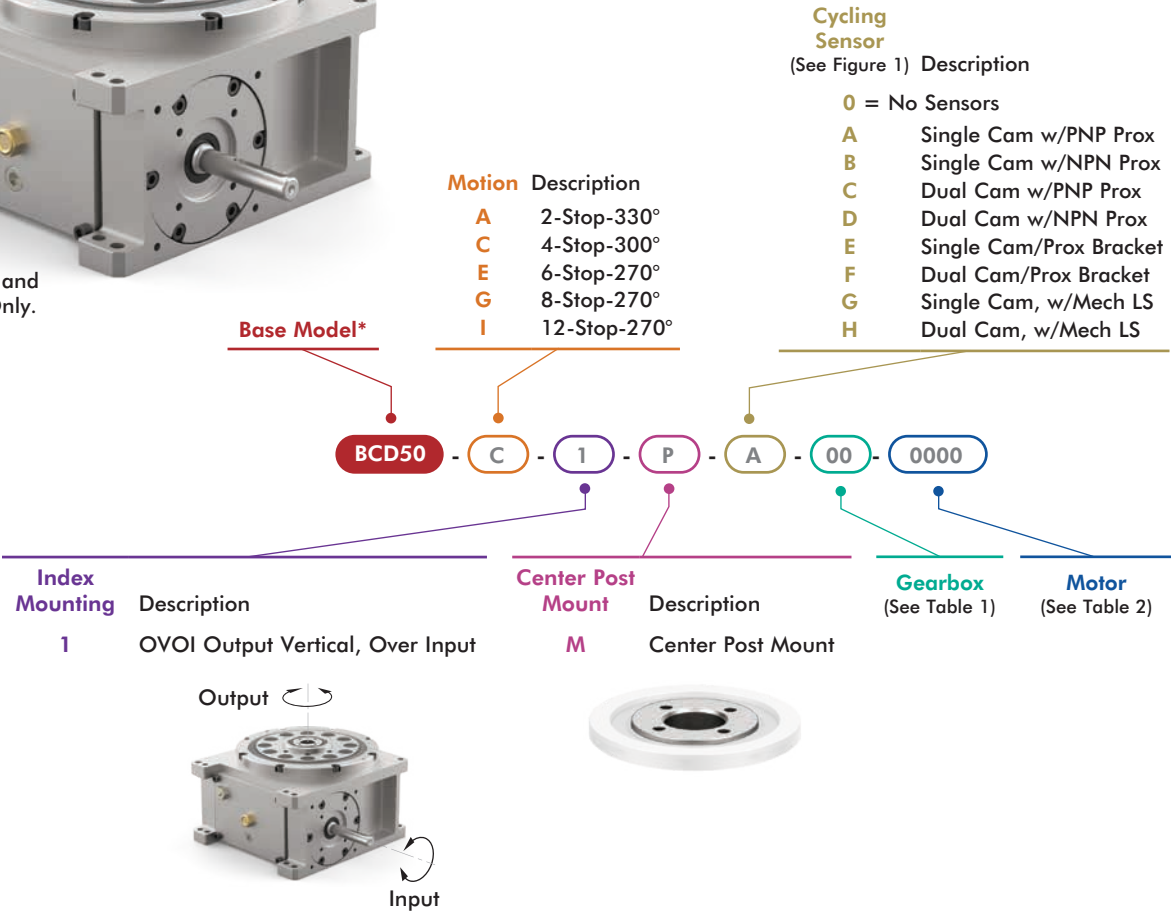


BCD50 SERIES

Rotary Index Drive | How To Order



*Right Hand
Cam Only.



Cycling Sensor Options (Figure 1)

0 = No Sensors

Single Cam with (A) PNP or (B) NPN Proximity Sensor	Dual Cam with (A) PNP or (B) NPN Proximity Sensor	Single Cam with Proximity Sensor Bracket
 A B	 C D	 E
Dual Cam with Proximity Sensor Bracket	Single Cam with Mechanical Limit Switch	Dual Cam with Mechanical Limit Switch
 F	 G	 H

Gearbox (Table 1)

00 = No Gearbox

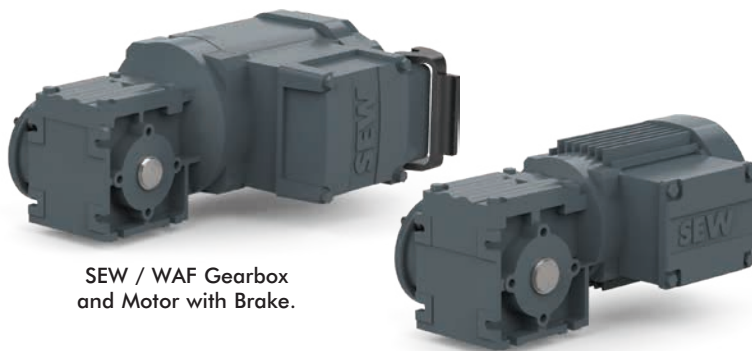
Brand/Type	Ratio
 A	A 13,57
	B 14,33
	C 16,5
	D 19,5
	E 24,5
	F 27,5
	G 32,5
	H 39
	I 48
	J 60
	K 75
 B	A 10
	B 15
	C 20
	D 28
	E 40
	F 49
	G 56
	H 70
	I 80

Other Motions (stops and index periods) available. Contact your DESTACO sales representative for more information.

Motor (Table 2)

0000 = No Motor

Brand/Type	Type	Brake	Orientation
1	A DR2S56MR	0 No Brake	A
		1 0,8 Nm / 230 V AC	
		2 1,2 Nm / 230 V AC	
	B DRN63MS	0 No Brake	F
		1 0,9 Nm / 230 V AC	
		2 1,3 Nm / 230 V AC	
	C DRN63M	3 1,7 Nm / 230 V AC	L
		4 2,1 Nm / 230 V AC	
		5 2,7 Nm / 230 V AC	
		6 3,4 Nm / 230 V AC	

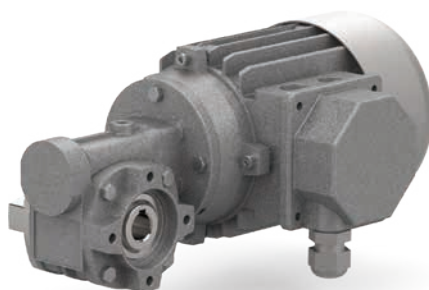


SEW / WAF Gearbox and Motor with Brake.

SEW / WAF Gearbox and Motor without Brake.

SEW Motor Orientation	
Side 1	Side 2
 A	 F
 L	 S

Brand/Type	Type	Brake	Orientation
2	A DR2S56MR	0 No Brake	D
			G
			K
			N



STM / RMI-28 Gearbox and Motor without Brake.

STM Motor Orientation	
Side 1	Side 2
 D	 G
 K	 N

BCD50 SERIES

Rotary Index Drive | Technical Specifications

Stops	Maximum Inertia kg-m ² [lb-ft ²]						
	Motion Time [seconds]						
	0.50	0.75	1.00	1.25	1.50	1.75	2.00
2	0,12 [2.85]	0,19 [4.51]	0,53 [12.58]	0,4 [9.49]	0,32 [7.59]	0,51 [12.10]	0,82 [19.46]
4	0,57 [13.53]	0,95 [22.54]	2,41 [57.19]	1,96 [46.51]	2,05 [48.65]	2,78 [65.97]	3,95 [93.73]
6	1,24 [29.43]	2,24 [53.16]	1,9 [45.09]	4,1 [97.29]	3,37 [79.97]	5,41 [128.38]	8,34 [197.91]
8	0,88 [20.88]	4,24 [100.62]	3,8 [90.18]	4,32 [102.52]	7,02 [166.59]	12,29 [291.65]	15,51 [368.06]
12	1,81 [42.95]	7,83 [185.81]	7,61 [180.59]	6,73 [159.71]	10,54 [250.12]	19,61 [465.35]	24,88 [590.41]

Contact your DESTACO sales representative for more information.

Features

- Motor and Reducer Direct Mount
- Double Extended Input Shaft
- Ø20 mm Center Thru Hole
- Stationary Center Post
- Cycle Cam and Limit Switch Mounted to Input Shaft
- Right Hand Cam
- Integrated Dowel Holes for Precise Mounting
- Designed for Robust Performance and Easy Integration
- Maintenance-friendly Design with Easy Cam Follower Access
- Eco-friendly No Paint Design

Output Load Capacity (loads carried during index):

Radial	1400 N [315 lbs]
Thrust/Axial	3500 N [787 lbs]
Moment	70 Nm [620 in-lb]

Typical Application

Dial Diameter: 200 mm [7.87 in] to 700 mm [27.56 in]

Accuracy ±65 arcsec / ±0,11 mm [±0.00433 in] at typical dial radius 350 mm [13.78 in]

Repeatability ±11 arcsec / ±0,019 mm [0.000748 in] at typical dial radius 350 mm [13.78 in]

Optional Accessories

- Various Reducer and Motor Combinations Available
- Other Motions (Stops and Index Periods) Possible
- Left Hand Cam
- Different Orientations on Request
- Dual Cam and Limit Switch
- Painted Housing

