BALL SCREW ComDRIVEs® ORDERING INFORMATION

Instructions: Select a model number from this chart.

2-Ton Standard	5-Ton Standard	10-Ton Standard	10-Ton Heavy Duty	20-Ton Standard	30-Ton Standard
CDB62 CDB122 CDB242	CDB65 CDB125 CDB245	CDBL810 CDBL2410	CDB810 CDB2410	CDB820 CDB2420	CDB1130 CDB3230

2-Ton High Lead	5-Ton High Lead	10-Ton Standard High Lead	10-Ton Heavy Duty High Lead		
CDHB62 CDHB122 CDHB242	CDHB65 CDHB125 CDHB245	CDHBL810 CDHBL2410	CDHB810 CDHB2410		

Important Note: Not self-locking, may lower under load. Brake motors or external locking systems are required.

H: High lead (2-ton, 5-ton and 10-ton only).

Sample Part Number: CDHB65U1N-18.50-STDX-P3AE-M2

Jack Configuration
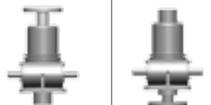
U=Upright   I=Inverted

End Conditions

1=T1 (plain end)

2=T2 (load pad)

3=T3 (threaded end)

4=T4 (male clevis)

Jack Designs

S=Translating   K=Keyed for Non Rotation**   N=Traveling Nut   D=Double Clevis   R=KFTN Trunnion* T=Trunnion*

Left Side Shaft Code (see below)

XXXX=Remove
STDX=Standard

For optional shaft codes, see page 105.

Right Side Shaft Code (see below)

XXXX=Remove
STDX=Standard

For optional shaft codes, see page 105.

Ball Screw ComDRIVE® Rise

Rise is travel expressed in inches and not the actual screw length.

Additional Options

X=Standard Jack, no additional options

S=Additional Specification Required (comment as necessary)

Protective Boots pp. 170-172
B=Protective Boot
D=Dual Protective Boot

Finishes p. 179
F1=Do Not Paint
F2=Epoxy Paint
F3=Outdoor Paint Process

Motor Options
M1=Less Motor
M2=Brake Motor
M3=Single Phase Motor (120VAC)
M4=50Hz Motor

Grease/Seals
H1=High Temperature Operation
H2=Food Grade

Screw Stops
ST0=Extending Stop is standard on ball screw ComDRIVE

• Specify as many options as needed

*Standard trunnion mounts available on 2-ton through 20-ton jacks. (See page 173)

**Keyed for non-rotation is not a standard option. Contact Joyce/Dayton.

BALL SCREW ComDRIVEs® SHAFT CODES

Instructions: Select the appropriate shaft codes for both right and left hand shafts. One shaft code must be specified for each side of the ComDRIVE®.

Screw Stops (p. 10) and Boots (pp. 170-172)

Extending screw stops are standard on ball screw ComDRIVES and they are not adjustable.
When boots are added to ball screw ComDRIVES, the closed height of the jack may be increased.

Geared Potentiometers (p. 176)

POTA=0-10V (IP65)

POTB=4-20MA (IP65)

POTC=0-10V w/2 switches*

POTD=4-20MA w/2 switches*

*Optional IP65 rating available.

Encoders and Electronic Limit Switches

ENCX=Encoder (p. 178)

ELS2=2 Position Electronic Switch (p. 174)

ELS4=4 Position Electronic Switch (p. 174)

ELS6=6 Position Electronic Switch (p. 174)
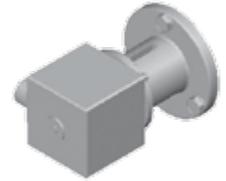
ComDrive Reducers (pp. 107-117)

Ordering Example: P2AC

Motor code from chart at right

Mounting Positions					Ratio
Code	P1	P2	P3	P4	
Left Side Shaft Positions					5:1 Code A
Right Side Shaft Positions					7.5:1 Code B
					10:1 Code C

Motors

Size	Code
1/4 HP	K
1/3 HP	A
1/2 HP	B
3/4 HP	C
1 HP	D
1-1/2 HP	E
2 HP	F
3 HP	L
5 HP	G
7-1/2 HP	H

All standard motors are 3-phase, 208-230/460 VAC or 230/460 VAC. Other motor options are available including international voltages, and single phase AC. Specify the appropriate motor size from the chart above. Refer to the "Additional Options" chart on the preceding page as needed. Brake motors are required for ball screw ComDRIVES. Contact Joyce/Dayton for other options.

Mechanical Limit Switches (pp. 174-175)

Ordering Example: LA13

Models			Available Positions							
Model	Code			1	2*	3	4	5	6*	7	8
LS7-402	LI	Number of DPDT Switches (see p. 175)	Left Side Shaft Options								
LS8-402	LA										
LS8-404	LB										
LS9-502	LC	NOTE: Will always be 0 for LS7 models	Right Side Shaft Options								
LS9-503	LD										
LS9-504	LE										
LS9-505	LF										
LS9-506	LG										
LS9-507	LH										

• 2, 5, 10, and 20 -ton ball screw ComDRIVES are available with positions #1, #3, and #5.
• 30-ton ball screw ComDRIVES are available with positions #1, #4, #7 and #8.
* These positions are not standard. Contact Joyce/Dayton with your requirements.

Custom products are available • Contact Joyce/Dayton with your requirements