

MACHINE SCREW ComDRIVES® ORDERING INFORMATION

Instructions: Select a model number from this chart.

2-Ton	3-Ton	5-Ton	10-Ton	15-Ton	20-Ton	25-Ton	30-Ton
CD62 CD122 CD242	CD63 CD123 CD243	CD65 CD125 CD245	CD810 CD2410	CD815 CD2415	CD820 CD2420	CD1125 CD3225	CD1130 CD3230
DCD62* DCD122* DCD242*	DCD63* DCD123* DCD243*	DCD65* DCD125* DCD245*	DCD810* DCD2410*	DCD815* DCD2415*	DCD820* DCD2420*	DCD1125* DCD3225*	DCD1130* DCD3230*

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

DCD: Double lead screw.

(For 25:1 ratio, contact Joyce/Dayton.)

Sample Part Number: CD65U2S-18.50-P1AB-STDX-B

Jack Configuration

U=Upright I=Inverted

End Conditions

1=T1
(plain end)

2=T2
(load pad)

3=T3
(threaded end)

4=T4
(male clevis)

Left Side Shaft Code
(see below)

XXXX=Remove
STDX=Standard

For optional shaft codes, see page 47.

Right Side Shaft Code
(see below)

XXXX=Remove
STDX=Standard

For optional shaft codes, see page 47.

Additional Options

X=Standard Jack, no additional options

S=Additional Specification Required (comment as necessary)

Anti-Backlash p. 180
A=Split Nut
A90=A90 Design
A95=A95 Design

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
Extending and retracting stops are standard on ComDRIVES.

• Specify as many options as needed

ComDRIVE® Rise

Rise is travel expressed in inches and not the actual screw length. When companion jacks are ordered with the ComDRIVE®, their screws are lengthened to match the ComDRIVE®.

Jack Designs

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


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

MACHINE 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 and retracting screw stops are standard on ComDRIVES. When boots are added to ComDRIVES, the closed height of the unit may be increased.


Mechanical Counters (p. 177)
CNT0=0.001" Increments
 Note: Contact Joyce/Dayton for availability and options.



G 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. 49-57)

Ordering Example: P2AC Motor code from chart at right

Code	Mounting Positions				Ratio
	P1	P2	P3	P4	
Left Side Shaft Options					5:1 Code A
Right Side Shaft Options					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
10 HP	I
15 HP	J

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

• 2, 3, 5, 10, 15, and 20 ton ComDRIVES are available with positions #1, #3, and #5.
 • 25 and 30 ton ComDRIVES are available with positions #1, #4, #7 and #8.
 * These positions are not standard. Contact Joyce/Dayton with your requirements.