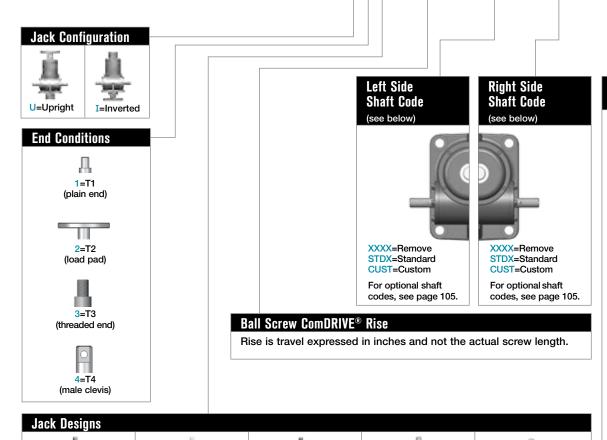
BALL SCREW Comdrives ORDERING INFORMATION

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



N=Traveling Nut

*Standard trunnion mounts available on 2-ton through 20-ton jacks. (See page 183)

S=Translating

Additional Options*

- X=Standard Jack, no additional options
- S=Additional Specification Required (comment as necessary)

Protective Boots pp. 171-173 B=Protective Boot D=Dual Protective Boot

- Finishes p. 182 F1=Do Not Paint F2=Epoxy Paint F3=Outdoor Paint
- Motor Options M1=Less Motor M2=Brake Motor M3=Single Phase Motor (120VAC) M4=50Hz Motor M5=Special Motor
- Grease/Seals H1=High Temperature Operation H2=Food Grade
- Screw Stops Extending Stops are standard on ball screw ComDRIVEs
- * Specify as many options as needed

A=KFTN Trunnion*

T=Trunnion*

D=Double Clevis

K=Keyed for Non

Rotation**

^{**}Keyed for non-rotation is not a standard option. Contact Joyce.

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. 171-173)

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. 175)

POTA=0-10V

POTB=4-20mA

POTC=0-10V w/2 switches

POTD=4-20mA w/2 switches

IP65 rated enclosures



Encoders (pp. 176-177)

ENCA=Absolute Encoder 0-10 VDC, programmable

ENCB=Absolute Encoder 4-20mA, programmable

ENCC=Absolute Encoder CAN Open

ENCD=Absolute Encoder SSI

ENCS=Stainless Steel Incremental Encoder 1024 PPR

ENCX=Incremental Encoder 200 PPR

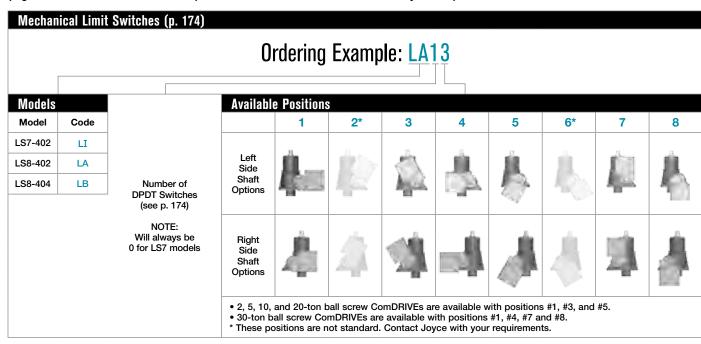
ENCY=Incremental Encoder 1024 PPR



ComDRIVE Reducers (pp. 107-117)										
Ordering Example: P2AC Motor code from chart at right										
Mounting Posit	ions				Ratio					
Code	P1	P2	P3	P4	5:1					
Left Side Shaft Positions	1	bet	4		Code A 7.5:1 Code B					
	400	Also		-9	10:1 Code C					
Right Side Shaft Positions	11.	No. of London	- di	-4	15:1 Code D					
		-	j.	Sales of the last	Special Ratio Code X					

Motors	
Size	Code
1/4 HP	К
1/3 HP	Α
1/2 HP	В
3/4 HP	С
1 HP	D
1-1/2 HP	Е
2 HP	F
3 HP	L
5 HP	G
7-1/2 HP	Н

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 for options that are not listed.



BALL SCREW Comdrives Specifications

2-Ton Model Number			CDB62		CD	B122		CDB242			CDHB62		CDHB122		CDHB242	
Reducer Ratio)	5	7 1/2	10	5	7 1/2	5	7 1/2	10	5	7 1/2	10	7 1/2	5	7 1/2	10
Travel Speed	IPM	13.88	9.50	7.04	6.94	4.75	3.47	2.38	1.76	55.50	38.00	28.16	19.00	13.88	9.50	7.04
Lifting	1/3 HP	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	1,025	1,455	1,925	2,595	3,015	4,000	4,000
Capacity,	1/2 HP									1,580	2,220	2,925	3,955	4,000		
Lbs.	3/4 HP									2,400	3,375		4,000			

5-Ton Mod	5-Ton Model Number		CDB65		CDB245	CDHB65		CDHB125	CDHB245
Reducer Ratio	Reducer Ratio		10	10	10	5	10	10	10
Travel Speed	IPM	26.29	13.34	6.67	3.34	55.50	28.16	14.08	7.04
Lifting	1 HP	6,770	10,000	10,000	10,000	3,200	5,950	10,000	10,000
Capacity,	1 1/2 HP	10,000				4,900			
Lbs.	2 HP					6,600			

10-Ton Model Number		CDBL810		CDBI	CDBL2410		3L810	CDHBL2410	
Reducer Ratio		5	10	5	10	5	10	5	10
Travel Speed IPM		19.72	10.00	6.57	3.34	41.63	21.13	13.88	7.04
	1 HP	8,555	16,425	20,000	20,000	4,050	7,780	9,910	18,445
Lifting	1 1/2 HP	13,390				6,340		15,500	
Capacity,	2 HP	18,210				8,625		20,000	
Lbs.	3 HP	20,000	20,000			13,370	20,000		
	5 HP					20,000			

10-Ton Model Number		CDB	810	CDB2410		CDHB810		CDHB2410	
Reducer Ratio		5	10	5 10		5	10	5	10
Travel Speed IPM		20.81	10.56	6.94	3.52	41.63	21.13	13.88	7.04
	1 HP	8,100	15,560	19,820	20,000	4,050	7,780	9,910	18,445
Lifting	1 1/2 HP	12,685		20,000		6,340		15,500	
Capacity,	2 HP	17,255				8,625		20,000	
Lbs.	3 HP	20,000	20,000			13,370	20,000		
	5 HP					20,000			

20-Ton Mo	Ton Model Number CDB820			CDB	2420
Reducer Rati	io	5	5 10		10
Travel Speed	IPM	20.81	10.56	6.94	3.52
	1 HP	6,965	14,285	16,720	33,120
Lifting	1 1/2 HP	11,480		27,550	
Capacity,	2 HP	15,980		38,360	
Lbs.	3 HP	25,330	40,000	40,000	40,000
	5 HP	40,000			

30-Ton Mod	30-Ton Model Number CDB1130			CDB	3230
Reducer Ratio)	5	10	5	10
Travel Speed	IPM	20.60	10.46	6.87	3.49
Lifting	3 HP	24,295	46,080	54,745	60,000
Capacity,	5 HP	42,165	60,000	60,000	
Lbs.	7 1/2 HP	60,000			

Important Note: Ball Screw ComDRIVEs are not self-locking. Brake motors or external locking systems are required.