

# BEVEL BALL ACTUATORS ORDERING INFORMATION

**Instructions:** Select a model number from this chart.

Joyce Bevel Ball Actuators	
BB150	
BB225	
BB300	
BB400	

Evaluate column load (p. 162).  
 Evaluate ball nut life (p. 163).  
 Detailed product information (pp. 164-167).  
 Right hand ball screws standard.

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

Screw Stops (p. 10) and Boots (p. 170)
Screw stops are optional on bevel ball actuators. When specified, the closed height of the jack and protection tube length may be increased.

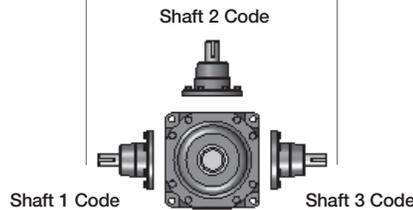
Sample Part Number: **BB225U3S-12-XXXX-STDX-XXXX-B**

Actuator Configuration	
 U=Upright	 I=Inverted

End Conditions			
 1=T1 (plain end)	 2=T2 (load pad)	 3=T3 (threaded end)	 4=T4 (male clevis)

Actuator Design		
 S=Translating	 Keyed for Non Rotation is not a standard option	 N=Traveling Nut

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)	



Shaft Codes
Three shaft codes must be specified for each jack. Electronic and mechanical limit switches may be substituted for the shaft code per the tables on this page.
STDX – Standard XXXX – Input shaft not required
When ordering with only one input shaft, it is recommended to order the following configuration:  XXXX-STDX-XXXX.

Additional Options
X=Standard Actuator, no additional options
S=Additional Specification Required (comment as necessary)
<b>Protective Boots</b> pp. 170-172 B=Protective Boot D=Dual Protective Boot
<b>Finishes</b> p. 179 F1=Do not Paint F2=Epoxy Paint F3=Outdoor Paint Process
<b>Ball Screw</b> L=Left Hand Screw
<b>Screw Stops</b> Extending stops standard • Specify as many options as needed

## 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									

Note: All BB actuators are available with all mounting positions.