

2.5-BSJ-U 6:1 / 103-1 / 2CA-4C / FT / 24.5 / SB

INCH BALL SCREW JACKS TECHNICAL DATA

BALL SCREW MODEL

Ton	Model #	Ton	Model #	Ton	Model #
1/2	= 0.5-BSJ	2.5	= 2.5HL-BSJ	20	= 20HL-BSJ
1/2	= 0.5HL-BSJ	3	= 3-BSJ	30	= 30-BSJ
1	= 1-BSJ	5	= 5-BSJ	30	= 30HL-BSJ
1	= 1HL-BSJ	5	= 5HL-BSJ	50	= 50-BSJ
2	= 2-BSJ	10	= 10-BSJ	75	= 75-BSJ
2	= 2R-BSJ	10	= 10HL-BSJ	100	= 100-BSJ
2.5	= 2.5-BSJ	20	= 20-BSJ		

CONFIGURATION

U = Upright	DC = Double Clevis
I = Inverted	UK = Upright Keyed
UR = Upright Rotating	IK = Inverted Keyed
IR = Inverted Rotating	

GEAR RATIO

Refer to product pages for available ratios.

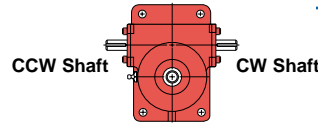
CCW SHAFT ORDER CODE POSITION (Positions 1, 3, 5 & 7)

CW SHAFT ORDER CODE POSITION (Positions 2, 4, 6 & 8)

ORDER CODES (Must Include A Position)

NO ACCESSORY

- SSE- = Standard Shaft Extension, Position 1 or 2
- 000- = Delete Shaft Extension, Position 1 or 2
- SPC- = Special Modified Shaft Extension, Position 1 or 2



Motor Mounts Without Motor (Position 1 or 2)

- X05 = 56C NEMA Frame
- X14 = 140TC NEMA Frame
- X18 = 180TC NEMA Frame (5-20 Ton)
- X21 = 213TC NEMA Frame (20 Ton)

Motor Mounts With Motors (Position 1 or 2)

Three Phase	Single Phase
023 = 1/4 HP	021 = 1/4 HP
033 = 1/3 HP	031 = 1/3 HP
053 = 1/2 HP	051 = 1/2 HP
073 = 3/4 HP	071 = 3/4 HP
103 = 1 HP	101 = 1 HP
153 = 1 1/2 HP	
203 = 2 HP	
303 = 3 HP	
503 = 5 HP	
703 = 7 1/2 HP	

Used on 2.5 to 20 Ton Jacks.

Right Angle Reducer (Position 1 through 8)

- ___R6 = 6:1 Reduction (2.5-10 Ton)
- ___R12 = 12:1 Reduction (2.5-10 Ton)
- ___R8 = 8:1 reduction (20 ton)

NOTE: A Right Angle Reducer must be accompanied with a motor mount or motor order code.

EXAMPLE:

- X05R6-1 = 56C Motor Mount with a 6:1 Reducer, Position 1
- 103R12-4 = 1 Hp- 3 ph Brake Motor with a 12:1 Right Angle Reducer in Position 4

Used on 2.5 to 20 Ton Jacks.

Rotary Limit Switch (Position 1 C or E through 8 C or E)

- 2CA = 2-Circuit, SPDT
- 2CC = 2-Circuit, DPDT
- 4CA = 4-Circuit, SPDT
- 4CE = 4-Circuit, DPDT
- PTA = 2-Circuit, SPDT, with Potentiometer
- PTC = 2-Circuit, DPDT, with Potentiometer
- LAS = Limit Switch Adapter

NOTE: A Limit Switch must include a close or extended mount.

EXAMPLE:

- 4CA-6E = 4 Circuit Limit Switch, SPDT with an extended mount in Position 6

Used on 2 to 75 Ton Jacks.

NOTE: Both Shaft Extensions Must Be Specified

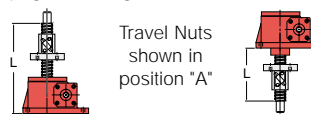
HOUSING CONFIGURATION

- F = Standard Flange Base
- C = Clevis Base
- T = Trunnion Base

SCREW CONFIGURATION

- TRANSLATING - U and I MODELS**
- T = Standard Threaded End
- C = Clevis End
- P = Top Plate
- ROTATING - UR and IR MODELS**
- A = Travel Nut Position "A"
- B = Travel Nut Position "B"

- UR - Upright Rotating
- IR - Inverted Rotating



TRAVEL

For Translating Screw Models (U and I) use actual Travel in inches. For Rotating Screw Models (UR and IR) use "L" Dimension in Inches.

MODIFIER LIST

S or M Required

- S = Standard, no additional description required
- M = Modified, additional description required

E and/or B Optional

- E = In-Line Encoder (motor or motor mount required)
- B = Bellows Boots