

2.5-BSJ-U 6:1 / 10BT-1 / 2CA / 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.

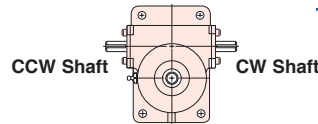
SHAFT ORDER CODE

CCW Position 1, 3, 5 & 7
 CW Position 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)

Used on 2.5 to 20 Ton Jacks.

see page 275 for standard motor mount order codes

EXAMPLE:

X05-1 = 56C NEMA frame in Position 1
X14-2 = 140TC NEMA frame in Position 2

Motor Mounts With Motors
(Position 1 or 2)

Used on 2.5 to 20 Ton Jacks.

see page 275 & 276 for available motors

EXAMPLE:

10BT-1 = 1 Hp-3 ph internally wired standard Brake Motor in Position 1

Right Angle Reducer
(Position 1 through 8)

Used on 2.5 to 20 Ton Jacks.

see page 278 and 279 for available Right Angle Reducers

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 in Position 1
10BSR12-4 = 1 Hp- 3 ph Brake Motor with a 12:1 Right Angle Reducer in Position 4

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

Used on 2 to 100 Ton Jacks.

see page 282 and 283 for available rotary limit switches

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

NOTE: Both Shaft Extensions Must Be Specified

HOUSING CONFIGURATION

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

SCREW CONFIGURATION

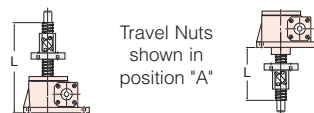
TRANSLATING - U and I MODELS

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 (must calculate retracted and extended boot length, see page 280-281)