

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

## MACHINE SCREW MODEL

Ton	Model #	Ton	Model #	Ton	Model #	Ton	Model #
1/2	= MJ-20	1	= 1-MSJ	5	= 5-MSJ	30	= 30-MSJ
1/2	= MJ-25	1	= 1AB-MSJ	5	= 5AB-MSJ	30	= 30AB-MSJ
1/2	= MJ-40	2	= 2-MSJ	10	= 10-MSJ	35	= 35-MSJ
1/2	= MJ-50	2	= 2AB-MSJ	10	= 10AB-MSJ	35	= 35AB-MSJ
1/2	= MJ-80	2	= 2R-MSJ	15	= 15-MSJ	50	= 50-MSJ
1/2	= MJ-100	2	= 2RAB-MSJ	15	= 15AB-MSJ	50	= 50AB-MSJ
1/2	= MJ-160	2.5	= 2.5-MSJ	20	= 20-MSJ	75	= 75-MSJ
1/2	= MJ-200	2.5	= 2.5AB-MSJ	20	= 20AB-MSJ	75	= 75AB-MSJ
						100	= 100-MSJ

## CONFIGURATION

<b>U</b> = Upright	<b>UR</b> = Upright Rotating	<b>DC</b> = Double Clevis
<b>I</b> = Inverted	<b>IR</b> = Inverted Rotating	<b>UK</b> = Upright Keyed
		<b>IK</b> = Inverted Keyed

## 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

CCW Shaft  CW Shaft

#### 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
<b>023</b> = 1/4 HP	<b>021</b> = 1/4 HP
<b>033</b> = 1/3 HP	<b>031</b> = 1/3 HP
<b>053</b> = 1/2 HP	<b>051</b> = 1/2 HP
<b>073</b> = 3/4 HP	<b>071</b> = 3/4 HP
<b>103</b> = 1 HP	<b>101</b> = 1 HP
<b>153</b> = 1 1/2 HP	
<b>203</b> = 2 HP	
<b>303</b> = 3 HP	
<b>503</b> = 5 HP	
<b>703</b> = 7 1/2 HP	

#### 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.

#### Hand Wheel

- H04** = Ø 4" (MJ-2.5 ton)
- H06** = Ø 6" (1-5 ton)
- H08** = Ø 8" (2-20 ton)
- H10** = Ø 10" (5-20 ton)

Used on MJ to 20 Ton Jacks.

**NOTE:** Both Shaft Extensions Must Be Specified

## HOUSING CONFIGURATION

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

## SCREW CONFIGURATION

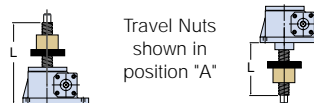
### TRANSLATING - U and I MODELS

- 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