

# Application Analysis / Quotation Request

## Customer

Quote Due Date \_\_\_\_\_  
Name / Title \_\_\_\_\_  
Company \_\_\_\_\_  
Address \_\_\_\_\_  
City/State/Zip \_\_\_\_\_  
Phone \_\_\_\_\_  
Email \_\_\_\_\_

## Specifications

☐Inch ☐Metric

Mat'l. Type    Lightest \_\_\_\_\_    Heaviest \_\_\_\_\_

Basis Weight    Lightest \_\_\_\_\_    Heaviest \_\_\_\_\_

Thickness    Lightest \_\_\_\_\_    Heaviest \_\_\_\_\_

Roll OD    Max. \_\_\_\_\_    Min. \_\_\_\_\_

Core OD    Max. \_\_\_\_\_    Min. \_\_\_\_\_

Speed    Max. \_\_\_\_\_    Min. \_\_\_\_\_

Width    Max. \_\_\_\_\_    Min. \_\_\_\_\_

Est. Tension / PLI    Lightest \_\_\_\_\_    Heaviest \_\_\_\_\_

Roll Weight    Lightest \_\_\_\_\_    Heaviest \_\_\_\_\_

Communication    ☐Ethernet I/P    ☐Remote HMI    ☐None

## Machine

Brand    Make \_\_\_\_\_    Model \_\_\_\_\_

Section    ☐Unwind    ☐Rewind    ☐Intermediate

Roll Stand    ☐Shafted    ☐Shaftless

Application Type \_\_\_\_\_

E-Stop Req'd.    ☐Yes    ☐No    Time \_\_\_\_\_

## Controllers / Indicators

Application    ☐Unwind    ☐Rewind    ☐Intermediate

Controller Type    ☐Panel    ☐Enclosure    ☐Circuit board

Input    ☐Load Cell (semi)    ☐Dancer \_\_\_\_\_  
☐Load Cell (foil)    ☐Non-Contact \_\_\_\_\_

Tension Indicator    ☐Digital    ☐Analog    # of Zones \_\_\_\_\_

Indicator Options    ☐Digital Amp    ☐Analog Amp    ☐Enclosure

Meter (analog) (M4)    Single Scale \_\_\_\_\_    Dual Scale \_\_\_\_\_

Power    ☐110/220 VAC    ☐24 VDC

## Safety Chucks

Type    ☐Normal (size) \_\_\_\_\_

Mount    ☐Pedestal    ☐Flange

Journal    ☐A1  (500 only)    ☐A2     ☐A3 

Journal Size \_\_\_\_\_

Shafted    ☐1 / pr.    ☐Both    ☐None

Shaft Dimensions    Length \_\_\_\_\_    Dia. \_\_\_\_\_    Key \_\_\_\_\_

Air Shaft    Make \_\_\_\_\_    Model \_\_\_\_\_

Options (all types)    ☐Safety Lock (LEFT)    ☐Safety Lock (RIGHT)    ☐Axial Carrier  
☐Drilled/Tapped for Brake    ☐Balanced Handwheel

EST. 1947

**montalvo**

The Montalvo Corporation  
info@montalvo.com / www.montalvo.com / 1-800-226-8710 / +1-207-856-2501

*Better Web Control®*

Representative \_\_\_\_\_  
Phone \_\_\_\_\_  
Email \_\_\_\_\_

## Pneumatic Brakes and Clutches

Existing Brake/Clutch    Make \_\_\_\_\_    Model \_\_\_\_\_

Qty. Needed    ☐One    ☐One per Side    ☐Gang QTY \_\_\_\_\_

Drive Motor HP \_\_\_\_\_

Req'd. Bore / Keyway \_\_\_\_\_

Gearing Info \_\_\_\_\_

Options    ☐Safety Cover    ☐Fan Cooling    ☐Mounting Bracket  
☐Non-Standard Spacers (length) \_\_\_\_\_  
☐Non-Standard Fittings (size) \_\_\_\_\_  
☐Non-Standard Friction Pad    TYPE \_\_\_\_\_    COF \_\_\_\_\_  
☐PDA / PDAR    ☐Plumb for PDA / PDAR    # of Channels \_\_\_\_\_  
☐P4 (range expander)    ☐Plumb for P4    # of Channels (2-4) \_\_\_\_\_

## Electric Brakes and Clutches

Existing Brake/Clutch    Make \_\_\_\_\_    Model \_\_\_\_\_

Qty. Needed    ☐One    ☐One per Side    ☐Gang QTY \_\_\_\_\_

Type    ☐Thru-Shaft    ☐Shafted

Req'd. Bore / Keyway \_\_\_\_\_

Drive Motor HP \_\_\_\_\_

Gearing Info \_\_\_\_\_

Optional Cooling    ☐Radiant    ☐Fan    ☐Fan Cover

Power    ☐Voltage Converter    amps \_\_\_\_\_

## Sensors

Non Contact    ☐US4 (ultrasonic) RANGE \_\_\_\_\_  
☐LS4 (laser) RANGE \_\_\_\_\_ ☐  
PXS (proximity)  
☐TS1 Load \_\_\_\_\_    ☐TS2 (V400) Load \_\_\_\_\_

Dancer    ☐DPS (position) RANGE \_\_\_\_\_  
☐MDP-6 (potentiometer)

Options    ☐Mounting Bracket    ☐Cable LENGTH \_\_\_\_\_

## Core Chucks

Axial Activated    ☐Single Core \_\_\_\_\_    ☐Dual Core \_\_\_\_\_  
Single Core Only (Adapters Available)

Pneumatically Activated    ☐Positive Engagement    ☐Negative Engagement  
☐Adapters \_\_\_\_\_

Torque Activated    ☐Single Core \_\_\_\_\_    ☐Dual Core \_\_\_\_\_  
☐Modules \_\_\_\_\_

Mounting Flange    Thickness \_\_\_\_\_    Diameter \_\_\_\_\_    Pilot Bore \_\_\_\_\_

Mounting Bolts    Size \_\_\_\_\_    Qty \_\_\_\_\_    BCD \_\_\_\_\_  
☐Countersink

Options (all types)    ☐Plating \_\_\_\_\_    ☐Jaw Coating \_\_\_\_\_

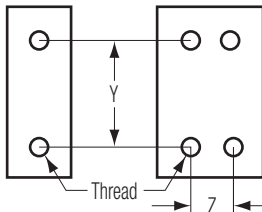
Department: Sales

Revision Date: Jan 30, 2024

Revision # 4.0

Index Code: SLS-016

## Load Cells

| TYPE                 | MOUNT                                                                            | SIZE                                                                                                             | DETAILS                                                                                                                                                                                                                           | CONNECTOR                                                                                                                                     |
|----------------------|----------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| ES-Idler Roll        | <input type="checkbox"/> S <input type="checkbox"/> F <input type="checkbox"/> P | <input type="checkbox"/> 0 <input type="checkbox"/> 1 <input type="checkbox"/> 2                                 | Shaft OD _____                                                                                                                                                                                                                    | <input type="checkbox"/> 6 <input type="checkbox"/> 12 <input type="checkbox"/> 3/9 (pr) <input type="checkbox"/> 0 (Only option for P Mount) |
| ES-Live Roller       | <input type="checkbox"/> S <input type="checkbox"/> F <input type="checkbox"/> P | <input type="checkbox"/> 0 <input type="checkbox"/> 2                                                            | Roll OD _____                                                                                                                                                                                                                     | <input type="checkbox"/> 6 <input type="checkbox"/> 12 <input type="checkbox"/> 3/9 (pr) <input type="checkbox"/> 0 (Only option for P Mount) |
| ES-Live Shaft        | <input type="checkbox"/> S <input type="checkbox"/> F <input type="checkbox"/> P | <input type="checkbox"/> 0 <input type="checkbox"/> 2                                                            | Shaft OD _____                                                                                                                                                                                                                    | <input type="checkbox"/> 6 <input type="checkbox"/> 12 <input type="checkbox"/> 3/9 (pr) <input type="checkbox"/> 0 (Only option for P Mount) |
| DRC-Idler Roll       | <input type="checkbox"/> S <input type="checkbox"/> F <input type="checkbox"/> P | <input type="checkbox"/> 0 <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 2S     | Shaft OD _____                                                                                                                                                                                                                    | <input type="checkbox"/> 6 <input type="checkbox"/> 12 <input type="checkbox"/> 3/9 (pr)                                                      |
| DRD-Idler Roll       | <input type="checkbox"/> S <input type="checkbox"/> F                            | <input type="checkbox"/> 0 <input type="checkbox"/> 1 <input type="checkbox"/> 2                                 | Shaft OD _____                                                                                                                                                                                                                    | <input type="checkbox"/> 6 <input type="checkbox"/> 12 <input type="checkbox"/> 3/9 (pr)                                                      |
| N-Cantilever         | <input type="checkbox"/> S <input type="checkbox"/> F                            | <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4                                 | Roller Finish _____                                                                                                                                                                                                               | <input type="checkbox"/> 6 <input type="checkbox"/> 12 <input type="checkbox"/> 3 <input type="checkbox"/> 9                                  |
| U-Under Pillow Block | NA                                                                               | <input type="checkbox"/> 25 <input type="checkbox"/> 50 <input type="checkbox"/> 75 <input type="checkbox"/> 120 | Pillow Block <input type="checkbox"/> 2 Bolt Pattern (Y) _____ Thread _____<br>Bearing Make _____ Model _____<br><input type="checkbox"/> 4 Pattern (Y) _____ (Z) _____ Thread _____<br><input type="checkbox"/> Adapter Required |                                                            |
| XB-Body Only         | <input type="checkbox"/> S <input type="checkbox"/> F                            | <input type="checkbox"/> 0 <input type="checkbox"/> 2                                                            | <input type="checkbox"/> Adapter Required                                                                                                                                                                                         |                                                                                                                                               |
| XN-Roller            | <input type="checkbox"/> S <input type="checkbox"/> F                            | <input type="checkbox"/> 0 <input type="checkbox"/> 2                                                            | (A), (B)                                                                                                                                                                                                                          |                                                                                                                                               |
| XR-Pulley            | <input type="checkbox"/> S <input type="checkbox"/> F                            | <input type="checkbox"/> 0 <input type="checkbox"/> 2                                                            | (J), (K), (L) + Profile (sketch w/ dims) _____                                                                                                                                                                                    |                                                                                                                                               |
| TSR                  | NA                                                                               | <input type="checkbox"/> 3 <input type="checkbox"/> 4                                                            | (A), (B), (C), (D), (E - Connector End)                                                                                                                                                                                           | <input type="checkbox"/> Standard <input type="checkbox"/> Pigtail                                                                            |
| LCR                  | <input type="checkbox"/> S <input type="checkbox"/> F <input type="checkbox"/> P | <input type="checkbox"/> 0 <input type="checkbox"/> 1 <input type="checkbox"/> 2                                 | (A), (B), (C), (D), (F), (G), (H)                                                                                                                                                                                                 | <input type="checkbox"/> 6 <input type="checkbox"/> 12 <input type="checkbox"/> 3/9 (pr) <input type="checkbox"/> 0 (Only option for P Mount) |
| Cables               | <input type="checkbox"/> Standard (LENGTH x Qty.) _____                          |                                                                                                                  | <input type="checkbox"/> NON-Standard (LENGTH x Qty.) _____                                                                                                                                                                       |                                                                                                                                               |

(A) Roll Diameter\* \_\_\_\_\_ \*Roll Weight \_\_\_\_\_ \*Roll Material \_\_\_\_\_

(B) Face Length\* \_\_\_\_\_

(C) Shaft Length\* \_\_\_\_\_

(D) Shaft Diameter\* \_\_\_\_\_

(E) Shaft Length (Connector End) \_\_\_\_\_

(F) Machine Frame Width \_\_\_\_\_

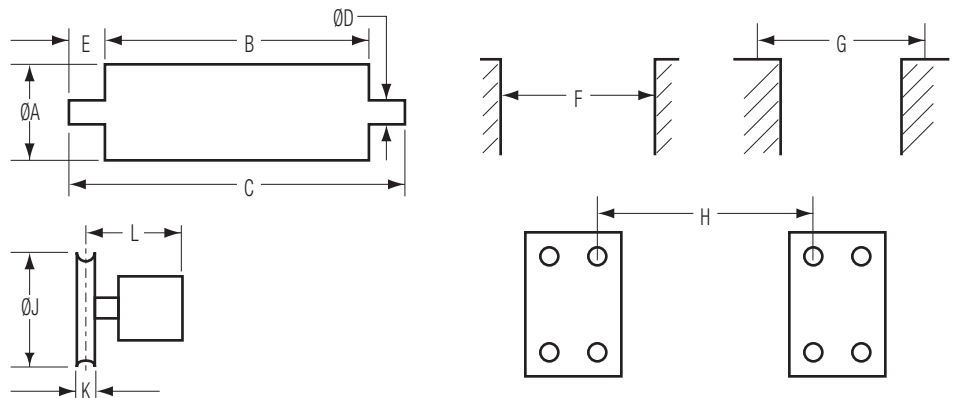
(G) Mount Holes - Pillow Block \_\_\_\_\_

(H) Mount Holes - U Series \_\_\_\_\_

(J) Pulley Diameter \_\_\_\_\_

(K) Pulley Width \_\_\_\_\_

(L) Web Center to Mnt. Surface \_\_\_\_\_



## Web Path

Sketch with dimensions the WRAP ANGLE of the tension zone (where loads cells are located). Include adjacent rollers if possible or attach a sketch to email when submitting this form.

