

ELECTRIC SLIDES WORKSHEET

Project _____ Station # _____ Welker S0# _____

Spec GM FCA VOSS (Ford) Other _____ Date _____
Required ship date _____

Contact _____ Email _____ Phone _____

Design House _____

Integrator (Purchaser) _____

Plant & Location _____

Welker Sales _____

APPLICATION: _____ Horizontal Vertical Angle: _____ ° of incline

Part presentation Geo model select Clinch or weld gun positioning Used as puller

Platen size: _____ mm Length (in travel direction) _____ mm Width Platen drawing attached

Notes: _____

SLIDE STYLE Extrusion frame: Single LH/RH Required Double Push/Pull Double Independent

Bearing blocks/carriage _____ #Carriages _____

Narrow low profile rail (NL3) Plane bearing (P5/P7) Tool tray shuttle

Rail manufacturer: Welker choice Other: _____

Lubrication: Auto lube Zerk (standard)

LOAD: _____ kg Notes: _____

TRAVEL Overall travel: _____ mm
 2 position Required time for one direction: _____ sec Repeatability required: ± _____ mm

> 2 position **Detailed motion profile must be attached with indexes and time between**

Repeatability required: ± _____ mm

± _____ mm

MOTOR By Customer: VFD/Induction Servo Brand: _____ Voltage: _____ Model # _____

By Welker: VFD/Induction Servo Brand: _____ Voltage: _____

Motor brake voltage: 120 VAC 480 VAC Other: _____

Welker's standard induction motor & gearbox is Nord or SEW brand, right angle gearbox with brake. No encoder.

Welker's standard servo is Exlar Tritex II with absolute encoder and brake.

Motors supplied by Customer must include a brake.

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DRIVE TYPE Ball screw Lead screw Belt Screw dia./Lead _____ 1-7/8 X 4 (standard)

HP: _____ Gearbox ratio: _____ Motor sizing verified. Sheet attached by: _____ (initials)

Project: _____ Customer: _____ Welker S0# _____

SWITCHES Welker standard switches: (6) IFM Efector 18mm barrel prox (See Template) By Customer
 By Welker, non-standard: Qty: _____ per slide Brand: _____ Type: _____

LEGS _____ Suggested quantity By Customer By Welker Paint color code: _____

NOTES:

CONTROLS By Customer Note: Customer supplied VFD must have a minimum of four (4) inputs. For proper function, both decal and both in-position switches MUST be wired directly to the drive, NOT thru a communication block. Switches: Verify your VFD requirement PNP (Open) or PNP (Closed) on the application template

By Welker Welker offers a choice of six Ethernet panel boxes with A/B VFD drives. Drive programming to achieve "Required time for one direction" specified on this worksheet.
 Box components are defined in Part Presentation Slide catalog, available online at http://www.welkerproducts.com/presentation_slides.php

Welker Internal Use Only	Welker panel box solution part number: S0 _____
<input type="checkbox"/> By Welker <input type="checkbox"/> Ethernet Standard <input type="checkbox"/> Ethernet Safety <input type="checkbox"/> Single <input type="checkbox"/> Double	

PROJECT PROPOSAL **PROPOSAL DRAWING SUBMIT DATE:** _____
 Proposal drawing and price are subject to change. A final drawing and price must be approved before an order can be accepted and the project's engineering drawings are completed.

	QUANTITY	PRICE EACH	PRICE TOTAL
S0# _____	PROPOSED SLIDE _____	\$ _____	\$ _____
S0# _____	PANEL BOX _____	\$ _____	\$ _____
PROPOSAL TOTAL PRICE:			\$ _____

CUSTOMER CHANGES TO PROPOSAL
 CHANGE: _____ DATE: _____ REV. PRICE: _____
 CHANGE: _____ DATE: _____ REV. PRICE: _____
DELIVERY ARO/ARA: _____ **FINAL TOTAL PRICE:** \$ _____

PROJECT APPROVAL
PURCHASE ORDER DATE: _____ **FINAL SIGN OFFS AND MODEL DUE DATE:** _____
FINAL TEMPLATE SIGNED BY: _____ **DATE:** _____

*Welker will provide motor math and a proposal drawing of the slide in PDF format based on the information submitted with this worksheet. Welker will supply ONLY what is shown on the signed PDF. All engineering drawings, documents and data supplied by Welker are confidential and are the intellectual property of Welker Engineered Products. This agreement includes and incorporates the above Terms and Conditions and is the complete and exclusive statement of the agreement between parties. This Agreement may be modified or amended only in writing signed by both parties. The preprinted terms of a purchase order or any other similar document will not apply to or modify this Agreement.

Project: _____ Customer: _____ Welker S0# _____

Attach/send photo or sketch of customer pallet or pallet concept with dimensions relative to Welker slide carriage.

Sketch the customer's and/or salesperson's concept (attach additional sheets if needed)

