Company name:		Company stamp:		
Contact person:				
Phone:	Fax:			MASCHINEN- UND APPARATESCHUTZ GMBH
Quantity:	E-Mail:			
Delivery date:	Date:	Signature:		
Application/Type of machin	e:	-	Year of make:	
Type of Construction: Thermically sealed Stitched	Type of Lamellas: Flexible Fixed Box design	Position of Lamellas: Pos. 1 Pos. 2 Pos. 3 Pos. 3	→	
Guiding profile		Assembly situation		
AB E E Guideway	fba	$\begin{array}{c} \Psi \text{ Pos} \\ \hline \\ Pos. 3 \end{array}$	Pos.2	Mounting alternatives (examples): Mounting flanges: Steel Stainless Steel Plastic Thickness in mm
				left right side side
Bellow dimensions: Outside width Inside width Outside height Inside height Fold width	AB =mm IB =mm AH =mm IH =mm FB =mm	Clearance Clearance Extension Stroke Compression	S = mm SI = mm L max = mm = mm L min = mm	Mounting only possible from outside
Mounting position:				Outside Mounting only possible from inside
Distance between guideway	/ fba = mm	Available assembly space	b = mm	
Width of total way	gb = mm	Dimension	c = mm	Mounting with Velcro Tane
Linear Guide: Manufacturer	a — mm	Size:	Туре:	
Operating conditions:IndoorOutdoorOutdoorWetDry	Coolant, type Image: Corrosive Abrasive Image: Corrosive Magnetic Image: Corrosive	Heat Welding sparks Ash/Dust/Sand Salt water	Oil, type	Mounting with Snap Fastener
Working temperatures:	•C	Speed of stroke:	m/Min	

Company name:	_	Company stamp:		
Contact person:				
Phone:	Fax:			MASCHINEN- UND APPARATESCHUTZ GMBH
Quantity:	E-Mail:			
Delivery date:	Date:	Signature:		
Application/Type of machir	ne:		Year of make:	
Type of Construction: Thermically sealed Stitched	Type of Lamellas: Flexible Fixed Fixed Box design	Position of Lamellas: Pos. 1 Pos. 2 Pos. 3 Pos. 3	→ Pos. 4 □ Pos. 5 □	
Guiding profile	AD	Assembly situation	Pos. I	
				Mounting alternatives (examples):
		Pos. 3	Pos. 2	Mounting flanges: Steel Stainless Steel Plastic Thickness in mm
	Guideway			left right
Dellou dimensione				Side side
Outside width	AB = mm	Fold width	FB = mm	from outside
Outside height Inside height	AH = mm IH = mm	Extension Stroke	L max = mm = mm	full fold
Width cover lower return	SH = mm	Compression	L min = mm	
Mounting position:				Mounting only possible from inside
Machine dimensions: Width of guideway	fb = mm	Available assembly space	b = mm	
Height of guideway Depth of guideway	fh = mm gb = mm	Width of guideway support Shaft diameter	ba = mm d = mm	Mounting with Velcro Tape
Available assembly space	a = mm	Dimension	c = mm	
Operating conditions:IndoorOutdoorWetDry	Coolant, typeCorrosiveAbrasiveMagnetic	Heat	Oil, type	Mounting with Snap Fastener
Working temperatures: Internal/External pressure:	°C bar	Speed of stroke: Frequency of operation:	m/Min per	

Company name:		Company stamp:		
Contact person:				
Phone:	Fax:			MASCHINEN- UND APPARATESCHUTZ GMBH
Quantity:	E-Mail:			
Delivery date:	Date:	Signature:		
Application/Type of machin	e:		Year of make:	
Type of Construction: Thermically sealed Stitched	Type of Lamellas: Flexible Fixed Box design	Position of Lamellas: Pos. 1 Pos. 2 Pos. 2	Pos. 3 □ Pos. 4 □	
Guiding profile		Assembly situation	Guideway	
	Pos. I	Pos. 2 _{fB} Fos. 4 Pos. 4		Mounting alternatives (examples): Mounting flanges: Steel Stainless Steel Plastic Thickness in mm left right side side Outside Mounting only possible from outside
Bellow dimensions: Outside width Outside height Width cover lower return Fold width	AB = mm AH = mm SH = mm FB = mm	Clearance Extension Stroke Compression	S = mm L max = mm = mm L min = mm	Outside
Mounting position:				Mounting only possible from inside
Width of guideway Height of guideway Depth of guideway	fb = mm fh = mm ft = mm	Available assembly space Width of guideway support Shaft diameter	b = mm ba = mm d = mm	Mounting with Velcro Tape
Available assembly space Operating conditions: Indoor Outdoor Wet Dry	a = mm Coolant, type Corrosive Abrasive Magnetic	Dimension Heat Welding sparks Ash/Dust/Sand Salt water	c = mm Oil, type Heavy chips Chips/Swarfs Vacuum	Mounting with Snap Fastener
Working temperatures: Internal/External pressure:	°C bar	Speed of stroke: Frequency of operation:	m/Min per	

Company name:		Company stamp:		
Contact person:				
Phone:	Fax:			APPARATESCHUTZ GMBH
Quantity:	E-Mail:			
Delivery date:	Date:	Signature:		
Application/Type of machir	ne:		Year of make:	
Type of Construction: Thermically sealed Stitched	Type of Lamellas: Flexible Fixed Box design	Position of Lamellas: Pos. 1 Pos. 2 Pos. 3 Pos. 3	→ Pos. 4 Pos. 5	
Guiding profile	3	Assembly situation		
				Mounting alternatives (examples):
	Po:		Pos. 2	Mounting flanges: Steel Stainless Steel Plastic Thicknoss in mm
	Guideway	FOS. 4	, LOS' 2	
Pollow dimensions:				Outside 1/2 fold
Outside width	AB = mm	Fold width	FB = mm	irom outside
Inside width Outside height	AH = mm	Clearance Extension	S =mm L max =mm	
Inside height Width cover lower return	IH = mm	Stroke	= mm	Outside full fold
Mounting position:				Mounting only possible from inside
Machine dimensions: Width of guideway Height of guideway	fb = mm fh = mm	Available assembly space Width of guideway support	b =	Mounting with Velcro Tape
Depth of guideway	ft = mm	Shaft diameter	d = mm	
Avaliable assembly space	a — mm		c – mm	
Operating conditions:	Coolant type	Heat		$\mathbb{A}^{\mathbb{A}}$
Outdoor	Corrosive	Welding sparks	Heavy chips	Mounting with Snap Fastener
Wet	Abrasive	Ash/Dust/Sand	Chips/Swarfs	
Dry 🗌	Magnetic 🗌	Salt water	Vacuum 🗌	
Working temperatures: Internal/External pressure:	۰۳ °C bar	Speed of stroke: Frequency of operation:	m/Min per	

Company name:		Company stamp:	
Contact person:			
Phone:	Fax:		APPARATESCHUTZ GMBH
Quantity:	E-Mail:		
Delivery date:	Date:	Signature:	
Application/Type of machin	ne:	Year of make:	
Type of Construction: Thermically sealed Stitched	Type of Lamellas: Flexible Fixed Box design	Position of Lamellas: Pos. I Pos. 2 Pos. 3	
Guiding profile	AB	Assembly situation V Pos. 1	
	α	IB III	Mounting alternatives (examples):
H		→ Pos. 3 Pos. 2	Mounting flanges: Steel Stainless Steel Plastic Thickness in mm
	Guideway	<u>в</u>	left right
			side side
			Outside 1/2 fold
Bellow dimensions: Outside width	AB =	Fold width FB =	Mounting only possible from outside
Outside height	AH = mm	Extension L max = mm	
Width cover lower return Angle of inclination	$SH = \dots mm$ $\alpha = \dots °$	Compression L min = mm	Outside full fold
Mounting position:			Mounting only possible
			from inside
Machine dimensions: Width of guideway	fb = mm	Available assembly space b =mm	
Height of guideway Depth of guideway	fh = mm ft = mm	Width of guideway supportba=Shaft diameterd=	Mounting with Velcro Tape
Available assembly space	a = mm	Dimension c = mm	
Operating conditions: Indoor	Coolant, type	Heat 🗌 Oil, type	
Outdoor	Corrosive	Welding sparks Heavy chips Ash/Dust/Sand Chips/Swarfs	Mounting with Snap Fastener
Dry	Magnetic	Salt water Vacuum	
Working temperatures: Internal/External pressure:	۰۳ °C bar	Speed of stroke:	

Company name:		Company stamp:		
Contact person:				
Phone:	Fax:			APPARATESCHUTZ GMBH
Quantity:	E-Mail:			
Delivery date:	Date:	Signature:		
Application/Type of machir	ne:		Year of make:	
Type of Construction: Thermically sealed Stitched	Type of Lamellas: Flexible Fixed Box design	Position of Lamellas: Pos. 1 Pos. 2 Pos. 3 Pos. 3	→	
Guiding profile	ΔR	Assembly situation	Pos. I	
		FB FB		Mounting alternatives (examples):
		→ Pos. 3	Pos. 2	Mounting flanges: Steel Stainless Steel Plastic
	Guideway			Thickness in mm
				left right side side
				Outside 1/2 fold
Bellow dimensions: Outside width Inside width Outside height Inside height Angle of inclination	$\begin{array}{rrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrr$	Fold width Clearance Extension Stroke Compression	FB = mm S =mm L max =mm L min =mm	Outside
Mounting position:				Mounting only possible
				from inside
Machine dimensions: Width of guideway	fb = mm	Available assembly space	b =mm	
Height of guideway	fh = mm	Width of guideway support Shaft diameter	ba = mm d =	Mounting with Velcro Tape
Available assembly space	a = mm	Dimension	c = mm	
Operating conditions:IndoorOutdoorOutdoorWetDry	Coolant, type	Heat Welding sparks Ash/Dust/Sand Salt water	Oil, type	Mounting with Snap Fastener
Working temperatures: Internal/External pressure:	°C bar	Speed of stroke: Frequency of operation:	m/Min per	

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Inquiry-/Order-Sheet for **ELASTIC/SAMURAI/LAMINAT Venetian Blinds**

Company name:		Company stamp:		
Phone:	Fax:			MASCHINEN- UND APPARATESCHUTZ GMBH
Quantity:	E-Mail:			
Delivery date:	Date:	Signature:		
Application/Type of machin	ne:		Year of make:	
Type of construction for Venetian blinds: Thermically sealed Upper side stitched	Both sides stitched With plastic frames		Type of Lamellas for Venetian blinds: Flexible Fixed	
Guiding profiles (optional)			Mounting position:	Mounting alternatives (examples):
AB				Mounting flanges:





Internal/External pressure: _____ bar

Abrasive

Magnetic

Bellow dimensions:

Working temperatures:

Wet

Dry

Outside width	AB	= mm	Extension
Outside height	AH	= mm	Stroke
Fold width	FB	= mm	Compression
Space required for	X	= mm	Clearance
lamella overlap			
Operating conditions:			
Indoor	Coolar	nt, type	Heat [
Outdoor	Corros	sive	Welding sparks

°C

Ash/Dust/Sand

Speed of stroke:

Frequency of operation:

Salt water

Oil, type Heavy chips Chips/Swarfs Vacuum	
m/	'Min

Mounting flanges:	
Steel	
Stainless Steel	
Plastic	
Thickness in mm	

right side

left	
side	













L max = mm = mm L min = mm

S1/S2 = mm

..... per

Inquiry-/Order-Sheet for SAMURAI-FASTLAP

Company name:		Company stamp:		
Contact person:				
Phone:	Fax:			APPARATESCHUTZ GMBH
Quantity:	E-Mail:			
Delivery date:	Date:	Signature:		
Application/Type of machine	e:		Year of make:	
Type of Lamellas for Venetian blinds:	FASTLAP	FASTLAP SA	FASTLAP SB	
FASTLAP: Installation spa	<u>«</u>	FASTLAP SA: Installation spa	<u>ace</u>	
Guiding 2-5mm Stainless steel lamella 0,45 Steel Stainless steel		Guiding 2-5mm Stainless steel Iamella 0,5		Mounting alternatives (examples): Mounting flanges: Steel Stainless Steel Plastic Thickness in mm
	Top View FASTLAP und F	ASTLAP SA: Lamella		left right
FASTLAP SB:	Guiding min. 3mm	a. 20mm at Lmin		Side side Outside 1/2 fold Mounting only possible from outside
Guiding 2-10mm		Top View FAS	STLAP SB:	
Stainless steel lamella 0,5		Guiding	Lamella immediate construction construction construction	Outside Mounting only possible from inside
Bellow dimensions:	A.D. —	Extension		
Outside height Fold width Space required for lamella overlap	AH =	Stroke Compression Clearance	L min = mm S1/S2 = mm	Mounting with Velcro Tape
Operating conditions: Indoor Outdoor Wet Dry	Coolant, type	Heat	Oil, type	Mounting with Snap Fastener
Working temperatures: Internal/External pressure:	۰C bar	Speed of stroke: Frequency of operation:	m/Min per	

Inquiry-/Order-Sheet for ELASTIC/SAMURAI Bellows for Elevating Tables

Company name: Contact person: Phone: Quantity: Delivery date: Replacement Split Design	Fax: E-Mail: Date: Application, Maker of Eleva	Company stamp: Signature: ating Table, Type:	MASCHINEN-UN APPARATESCHU	D ТZ GMBH
Type of Construction: Thermically sealed ☐ Stitched ☐ Pos. I AH H H Pos. I AH H H H Ros. 3	Type of Lamellas: Flexible Fixed Box design Fixed Box design Fixed Fixed Box design Fixed Box design Fixed Fixed Box design Fixed	Position of Lamellas: • Pos. 1 Pos. 2 Pos.	 Pos. 3 Pos. 4 Mounting alterr (examples): Mounting flang Steel Stainless Steel Plastic Thickness in rr left side Outside 1/2 Mounting only p from outside full outside f	natives jes: im right side 2 fold 2 fold ull fold ull fold possible
Bellow dimensions: Outside width Inside width Outside height Inside height Fold width	AB = mm IB = mm AH = mm IH = mm FB = mm	Extension Stroke Compression	L max = mm = mm L min = mm	Acro Tape
Mounting position: Operating conditions: Indoor Indoor Outdoor Indoor Wet Indoor Dry Indoor	horizontalCoolant, typeCorrosiveAbrasiveMagnetic	vertical	Angle (if different)° Oil, type Heavy chips Intervention Heavy chips Intervention Heavy chips Intervention Heavy Chips/Swarfs Intervention Heavy Intervention Heavy Intervention Heavy Intervention Heavy Intervention Heavy Intervention Heavy Chips Intervention Heavy	P Fastener
Working temperatures: Internal/External pressure:	۰C bar	Speed of stroke: Frequency of operation:	m/Min per	

Inquiry-/Order-Sheet for LAMINAT Polyagonal Bellows

Company name:		Company stamp:	
Contact person:			
Phone:	Fax:		
Quantity:	E-Mail:		
Delivery date:	Date:	Signature:	
Application/Type of machin	e:		Year of make:
Retrofit installation	Split Design		

MASCHINEN- UND APPARATESCHUTZ GMBH

For standard shapes please use the "ELASTIC/SAMURAI/LAMINAT Bellows" sheets.



Inquiry-/Order-Sheet for LAMINAT Polyagonal Bellows

Company name:		Company stamp:	
Contact person:			
Phone:	Fax:		
Quantity:	E-Mail:		
Delivery date:	Date:	Signature:	
Application/Type of machin	e:		Year of make:
Retrofit installation	Split Design		

MASCHINEN- UND APPARATESCHUTZ GMBH

For standard shapes please use the "ELASTIC/SAMURAI/LAMINAT Bellows" sheets.



Inquiry-/Order-Sheet for Round-stitched Bellows

Company name:		Company stamp:		
	F			MASCHINEN- UND APPARATESCHUTZ GMBH
Phone:	Fax:			
Quantity:	E-Mail:			
Delivery date:	Date:	Signature:		
Application/Type of machin	e:		Year of make:	
Retrofit installation	Split Design			
Round:			L max.	Mounting alternatives (examples):
Mounting possibilities:	Flange			Mounting flanges: Steel Stainless Steel Plastic Thickness in mm left right side side Mounting with Flange
Bellow dimensions: Outer diameter Inner diameter Fold width Width of sleeve Width of sleeve	$\begin{array}{llllllllllllllllllllllllllllllllllll$	Diameter of sleeve Diameter of sleeve Extension Stroke Compression	ST 1 = mm ST 2 = mm L max = mm = mm L min = mm	Mounting with Sleeve
Mounting position:	horizontal	vertical	Angle (if different)°	
Machine dimensions: Shaft diameter Pitch	D = mm = mm	Available assembly space Available assembly space Clearance (min. mm)	A = mm B = mm S = mm	Mounting with Snap Fastener
	Coolant, type	Heat	Oil, type	
Outdoor		Welding sparks	Heavy chips	
Dry	Abrasive Magnetic	Salt water	Vacuum	
Working temperatures: Internal/External pressure:	°C bar	Speed of stroke: Frequency of operation:	m/Min per	

Inquiry-/Order-Sheet for SPEZIAL Bellows

Company name:		Company stamp:		
Contact person:				
Phone:	Fax:			MASCHINEN- UND APPARATESCHUTZ GMBH
Quantity:	E-Mail:			
Delivery date:	Date:	Signature:		
I. Application/Type of machine:			Year of make:	
2. Required bellow cover:	: Soft PVC bellows	Rubber disk bellows	Rubber fabric bellows	
Material:				
2. Order designation acco	rding to data table:			
3. Shape: Round	Oval	Rectangular	Square	
			Туре:	
4. Installation situation:	Vertical	Horizontal	Other:	
5. Dimensions: Shaft diameter Inside diameter Outside diameter Maximum extension	SD =	Minimum compression Fold width/depth Fold extension Compression	L min = mm FB = mm FAZ = mm FZD = mm	left right
Description of support/gu	ide:			side side
Remarks:				Mounting with Flange
Operating conditions: Indoor	Coolant, typeCorrosiveAbrasiveMagnetic	Heat Welding sparks Ash/Dust/Sand Salt water	Oil, type	Mounting with Sleeve
Working temperatures: Internal/External pressure:	•C bar	Speed of stroke: Frequency of operation:	m/Min per	Mounting with Velcro Tape

