

Bellow Material

thodacon[®]

Wuxi Thodacon Machine Tool Accessory Co., Ltd.

Fabrics:

No.	Type of fabric	Thickness (mm)	Thermal Properties (°C) max	Material Resistance to
01	Polyester fabric coated with PVC	0.25	+90°	dust, water ,oil
02	Polyester fabric coated with PVC	0.36	+90°	dust, water ,oil
03	Polyester fabric coated with PVC	0.6	+90°	dust, water ,oil
04	Polyester fabric coated with PVC	0.8	+90°	dust, water ,oil
05	Polyester fabric coated with polyurethane	0.22	+110°	acids, oil, coolants, water
06	Polyester fabric coated with polyurethane	0.33	+110°	acids, oil, coolants, water
07	Polyester fabric coated with polyurethane	0.6	+110°	acids, oil, coolants, water
08	Polyester fabric coated with NBR + teflon AT 12 %	0.6	+165°	acids, oil, coolants, water
09	Polyester fabric coated with NBR + teflon AT 12 %	0.9	+165°	acids, oil, coolants, water
10	Fabric glass fabric coated with viton	0.35	+250°	acids, oil, coolants, water
11	Aluminized fiber — Glass fabriv	0.6	+400°	acids, oil, coolants, water
12	Aluminized kevlar fabric	0.25	+400°	acids, oil, coolants, water
13	Aluminized kevlar fabric	0.8	+400°	acids, oil, coolants, water
14	Siltemp fabric	0.6	+1200°	acids, oil, coolants, water

Round Bellows

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Wuxi Thodacon Machine Tool Accessory Co., Ltd.

Your Company Contact

Place/Country Telephone

Working position: ☐ Horizontal ☐ Vertical

Use of bellows: ☐ Outside ☐ Inside ☐ Damp ☐ Dry

Temperature range: - ____ °C/+ ____ °C

Max/Speed (m/min): _____

	Inside	Outside	Permanently	Sporadically
☐ Dust	☐	☐	☐	☐
☐ Water	☐	☐	☐	☐
☐ Oil/Grease	☐	☐	☐	☐
☐ Acid	☐	☐	☐	☐
☐ Leaches	☐	☐	☐	☐
☐ Others	☐	☐	☐	☐

Quantity required: _____ units

Material: _____

Stem (shaft) Diameter: _____ mm

Lmax _____ mm ΦDa _____ mm

Lmin _____ mm ΦDb _____ mm

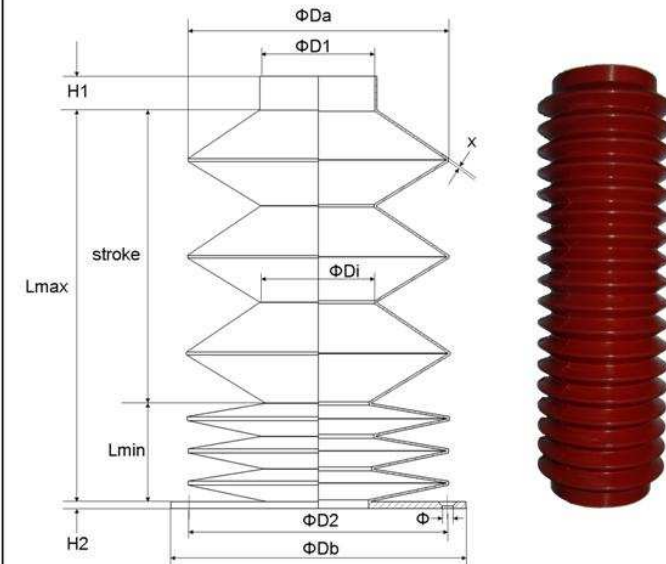
Stroke _____ mm $\Phi D1$ _____ mm

H1 _____ mm $\Phi D2$ _____ mm

H2 _____ mm ΦDi _____ mm

Bellows Type

- Sewn ☐
 Heat-formed ☐
 Thermic-welded ☐
 Moulded ☐



Bellow Covers

thodacon®

Wuxi Thodacon Machine Tool Accessory Co., Ltd.

Your Company Contact

Place/Country Telephone

Email Telefax

Working position: ☐ Horizontal ☐ Vertical ☐ Frontal

Use of bellow: ☐ Outside ☐ Inside

Temperature range: _____

Stroke (m/min): _____

Max. speed (m/min): _____

Max. acceleration (g): _____

Working hour per day: _____

☐ Chips (which kind) _____
☐ Chips amount (Kg) _____
☐ Chip temperature _____
☐ Other _____

☐ Water
☐ Dust
☐ Coolant

Permanently

Sporadically

☐
☐
☐

☐
☐
☐

Extension Lmax = _____ mm

Compression Lmin = _____ mm

Stroke Lmax-Lmin = _____ mm

Bellows height A = _____ mm

Bellows width B = _____ mm

Bellows height, right D= _____ mm

Bellows height, left E= _____ mm

Glide shoe, right F= _____ mm

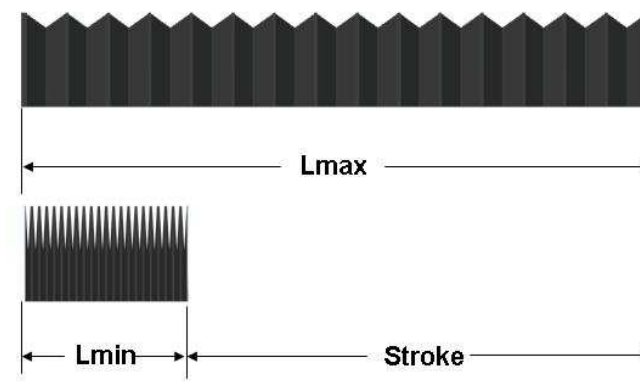
Glide shoe, left G= _____ mm

Desired shape: _____ (refer to page 19)

Quantity required: _____ units

Desired cover material: _____ (refer to page 20)

Desired end-frame material: ☐ Steel ☐ Alu ☐ PVC



Finned Bellow Covers

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Wuxi Thodacon Machine Tool Accessory Co., Ltd.

Your Company Contact

Place/Country Telephone

Email Telefax

Working position: ☐ Horizontal ☐ Vertical ☐ Frontal

Use of bellow: ☐ Outside ☐ Inside

Temperature range: _____

Stroke (m/min): _____

Max. speed (m/min): _____

Max. acceleration (g): _____

Working hour per day: _____

☐ Chips (which kind) _____
☐ Chips amount (Kg) _____
☐ Chip temperature _____
☐ Other _____

	Permanently	Sporadically
☐ Water	☐	☐
☐ Dust	☐	☐
☐ Coolant	☐	☐

Extension Lmax = _____ mm Bellows height, right D= _____ mm

Compression Lmin = _____ mm Bellows height, left E= _____ mm

Stroke Lmax-Lmin = _____ mm Glide shoe, right F= _____ mm

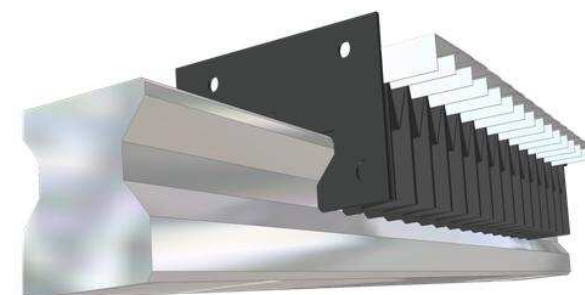
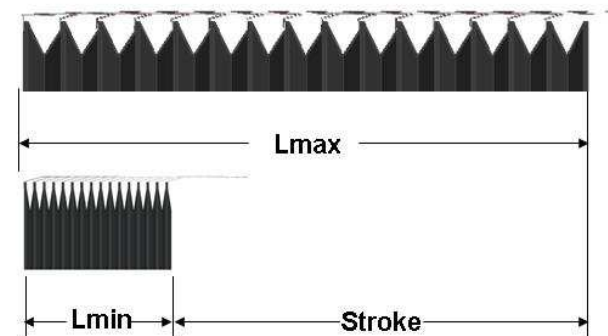
Bellows height A = _____ mm Glide shoe, left G= _____ mm

Desired shape: _____ (refer to page 19)

Quantity required: _____ units

Desired cover material: _____ (refer to page 20)

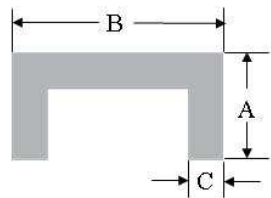
Desired end-frame material: ☐ Steel ☐ Alu ☐ PVC



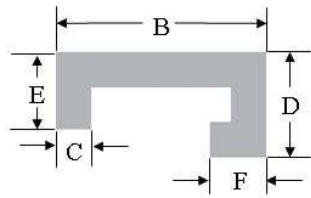
Bellow Shape

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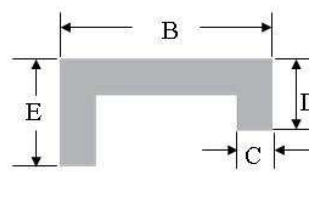
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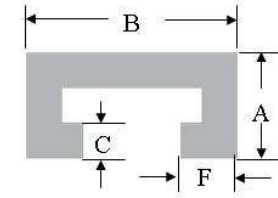
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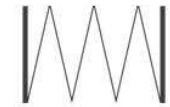
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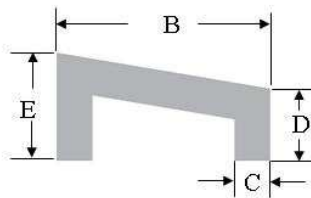
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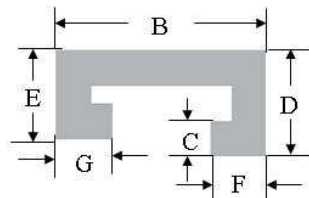
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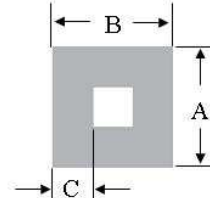
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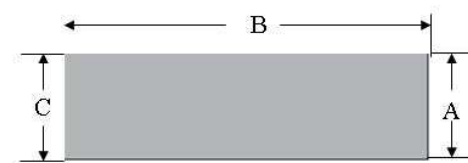
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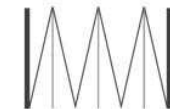
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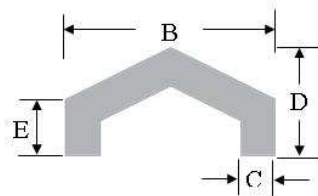
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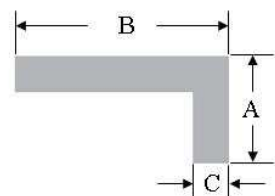
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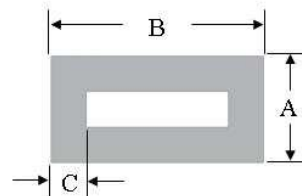
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3



6



9



13