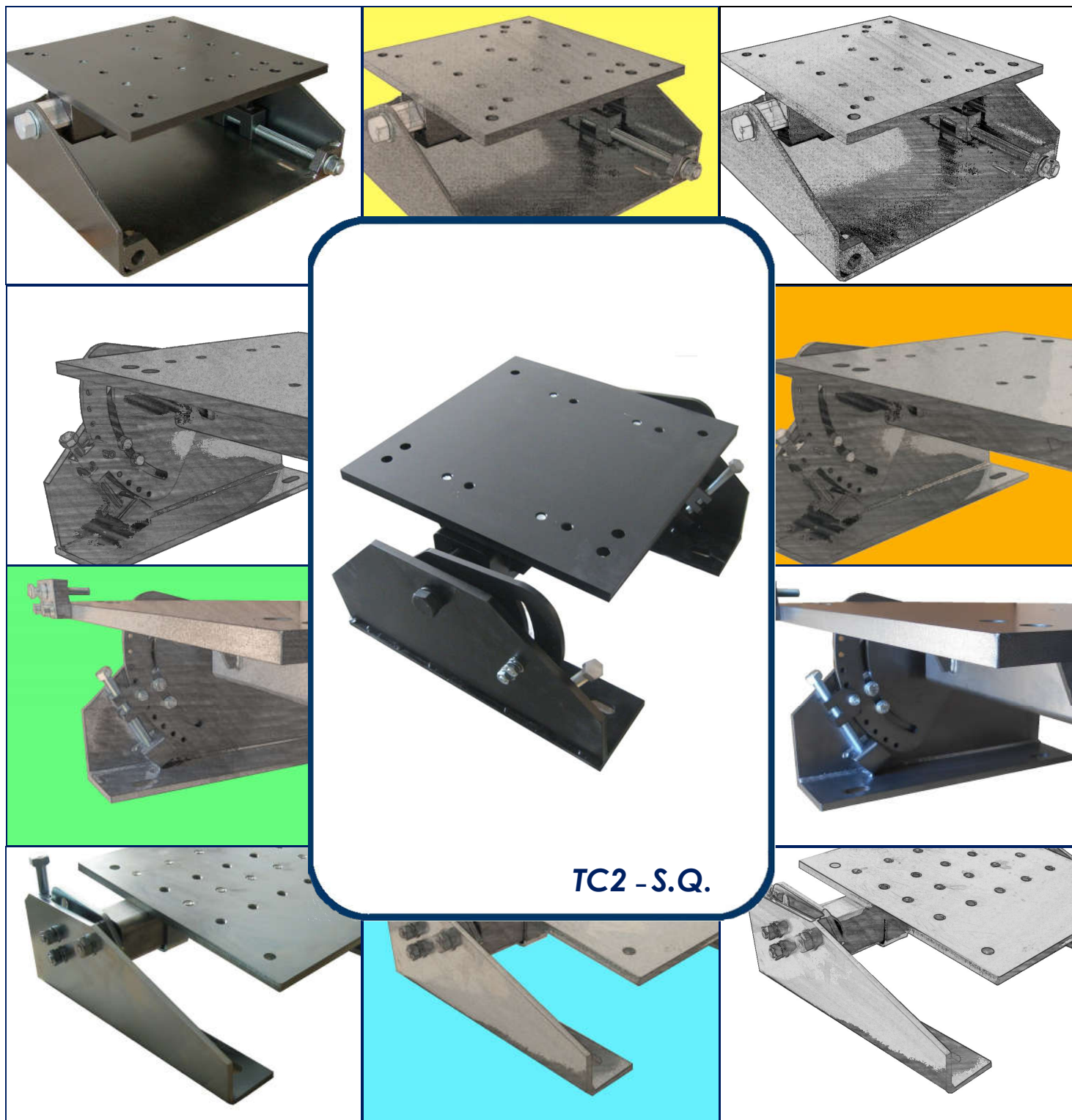
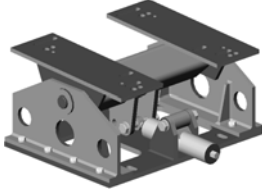




PRODUCTION RANGE: /生产范围:

				
BM-T 40 pag. H-7 BM-T 40 页码 H-7	BM-TP 40 pag. H-7 BM-TP 40 页码 H-7	BM-T 50 pag. H-9 BM-T 50 页码 H-9	BM-TP 50 pag. H-9 BM-TP 50 页码 H-9	BM-T 70 pag. H-11 BM-T 70 页码 H-11
				
BM-TP 70 pag. H-12 BM-TP 70 页码 H-12	BM-T 90 pag. H-14 BM-T 90 页码 H-14	BM-TP 90 pag. H-15 BM-TP 90 页码 H-15	BM-T 110 pag. H-17 BM-T 110 页码 H-17	AR-PT on request 应要求提供的 AR-PT

🇬🇧 MOTOR BASES

Motor bases are mainly used to recover automatically belt lengthening and to counter the static torques during the starting of the engines. These motor supports take advantage of the same technology of CRESA tensioners and VIB elastic elements to develop a torque moment that keeps always the belts in tension. Engine range from 0.75Kw to 250Kw can be applied on motor bases.

In the belt transmission the engine torque of the engine is propagated only by the friction, created between the driving pulley and the belts themselves. For this reason it is very important to keep always the tension on the belts, which allows to keep enough friction force in order to avoid any slipping on the pulley.

These slippings can cause both an torque transmission of the torque and a sudden wear of the belts and pulleys. The automatic motor bases allow therefore to keep a constant tension on the belts, avoiding manual adjustments with the relative economic expenditure both for the maintenance and for the machine stops.

Motor bases are widely used in screen motorization, crushers and feeders, where the starting of an eccentric h the operation of a eccentric for the motion of the vibrating channel, causes several vibrations and continuous changes of the interaxis distance between the driving and driven pulley. It is for this reason inevitable the use of an elastic motor support that allows to absorb the vibrations and to keep always constant the tension on the belts.

The models size 90 – 110 can be supplied with hydraulic preloading systems at closed circuit.

电机底座

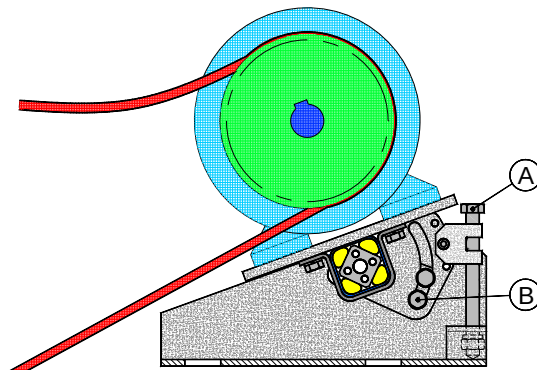
电机底座主要用于自动补偿皮带变长、抵消发动机启动过程中的静态扭矩。这些电机底座利用与 CRESA 张紧器和 VIB 弹性元件相同的技术产生始终保持皮带处于张紧状态的扭矩。发动机功率范围为 0.75kW 至 250kW，可应用于电机底座。

在皮带传动时，发动机的发动机扭矩仅通过驱动皮带轮和皮带本身之间产生的摩擦力进行传播。因此，始终保持皮带上的张力是非常重要的，因为这样可提供足够的摩擦力避免皮带轮上产生任何滑动。

这些滑动可导致扭矩传递以及皮带和皮带轮突然磨损。因此，自动电机底座可在皮带上保持恒定的张力，这样便可避免进行手动调节，以及省去手动调节需花费的维修机器和机器停运的相关支出。

电机底座广泛应用于振动筛、粉碎机和进料器中，其中偏心轮的启动和偏心轮对振动通道运动的作用，会引起多次振动和驱动皮带轮和从动皮带轮之间的轴间距离的连续变化。正是出于这个原因，必须使用弹性电机底座，其可减少振动并始终保持皮带上的张力恒定。

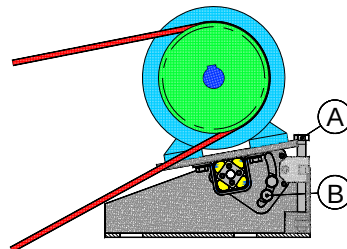
型号 90-110 可配备闭路液压预压系统。



A) Loose belt/皮带过松:

With B bolts loose, You have to incline the motor support by the A screw. This position of the motor will help You in the installation of the belts on the pulleys.

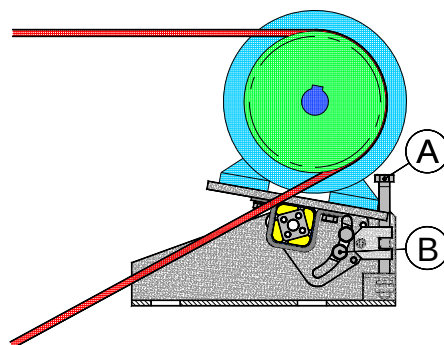
当螺栓 B 松动时，必须用螺钉 A 倾斜电机支架。电机的位置便于安装皮带轮上的皮带。



B) Tensioning stages/张拉阶段:

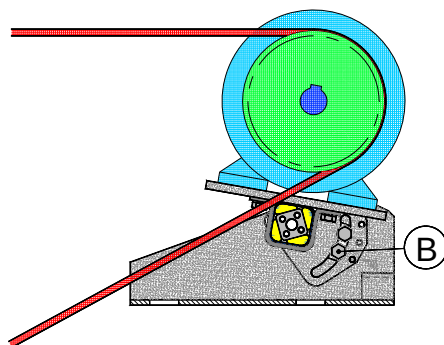
- 1) With B bolts loose, You have to start the preloading phase by the A screw.

当螺栓 B 松动时，必须通过螺钉 A 启动预压阶段。



- 2) With B bolts loose, You have to go on with the preloading by the A screw until the inner elastic element will turn at the warned position (lower than 30° of rotation).

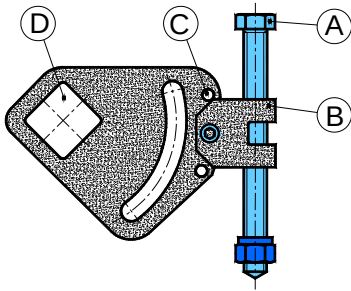
当螺栓 B 松动时，必须通过螺钉 A 进行预压，直到内部弹性元件在警告位置转动（转动角度低于 30 度）。



- 3) You have to fix the B bolts and remove the preloading A screw before starting of the motor.

在起动电机之前，必须固定螺栓 B 并拆下预压的螺钉 A。

Preloading system for elastic motor bases:/弹性电机底座的预压系统:



A: Preloading bolt /预压螺栓

B: Sliding block/滑块

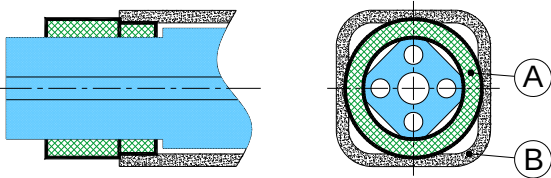
C: Regulation holes /调节孔

D: Positioning of the inner square of the elastic element
弹性元件内方的定位

To preload the motor support (70 and 90 sizes) You have to place the sliding block (B) on the regulation hole (C) that is more suitable to the geometry of the transmission, then turning the preloading bolt (A), the plate lets the inner square (D) of the elastic elements rotate.

为了预压电机支架（70 尺寸和 90 尺寸），必须将滑块（B）放置在更适合变速器几何形状的调节孔（C）上，然后转动预压螺栓（A），板块使弹性元件的内方（D）开始旋转。

Cardanic supporting device: /万向支承装置:



A: Cardanic support/A: 万向支架

B: Elastic element/B: 弹性元件

The 70 and 90 motor supports have, on the side on where the pulley, a reinforcement between the inner square and the external tube of the elastic element with the purpose to hold up the tension of the belts, especially by the start up, in presence of a high static torque. This support, therefore, has the feature to hold up the cardanic moment that tends to a disalignement of the inner and external square of the elastic element. For this reason in the assembly operations of the motor support You will have especially to take attention that the cardanic support will be positioned on the same side of the driving pulley.

70 和 90 电机支架在皮带轮所在的一侧具有位于弹性元件的内方和外管之间的加强件，以便在存在高静态扭矩的情况下保持皮带的张力，特别是通过启动的方式。因此，这种支架具有支撑万向力矩的特性，万向力矩易使弹性元件的内方外方无法对齐。因此，在装配电机支架时，必须特别注意将万向支架安装在驱动皮带轮的一侧。

APPLICATION EXAMPLES/应用示例



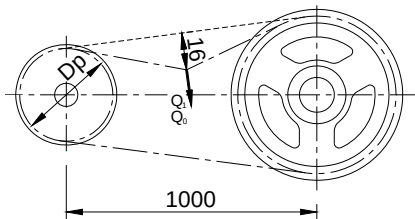
Belt tensioning/皮带张力

V-Belt V 形传动带	Width 宽度 [mm]	Height 高度 [mm]	D _p [mm] of smaller pulley 较小皮带轮的 D _p 【mm】	Initial operation test- force Q ₁ [N] 初始运行 测试-力 Q ₁ 【N】	Operational test-force Q ₀ [N] 操作测试-力 Q ₀ 【N】	Belt tension measuring instruments: 皮带张力测量仪器
XPZ SPZ	10	8	56 - 71	20	16	
			75 - 90	22	18	
			95 - 125	25	20	
			≥ 125	28	22	
XPA SPA	13	10	80 - 100	28	22	
			106 - 140	38	30	
			150 - 200	45	36	
			≥ 200	50	40	
XPB SPB	16	13	112 - 160	50	40	
			170 - 224	62	50	
			236 - 355	77	62	
			≥ 355	81	65	
XPC SPC	22	18	224 - 250	87	70	
			265 - 355	115	92	
			≥ 375	144	115	
Z	10	6	56 - 100	5 - 7,5		
A	13	8	80 - 140	10 - 15		
B	17	10	125 - 200	20 - 32		
C	22	12	200 - 400	40 - 60		
D	32	19	355 - 600	70 - 105		



Q₁: Initial operation test force given by guidelines of belt manufacturer/皮带制造商指南给出的初始运行测试力

Q₀: Operational test-force/运行测试-力

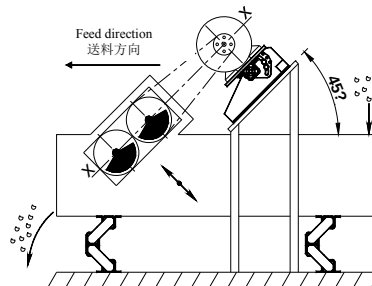


In order to obtain the ideal tension must be applied Q₁ force in the middle of each section of the belt, verifying that the belt deflection is 16mm with trasnmission interaxle distance of 1000mm. The relevant deflection by shorter or longer centre distance has to be interpolated accordingly. After the first running in period, the belts lose resistance, therefore the operational test-force Q₀ decreased around 20% compared Q₁.

为了获得理想的张力，必须在皮带各段中间施加力 Q₁，验证皮带挠度为 16mm，传动中间轴距为 1000mm。由中心距离较短或较长导致的相关挠度必须相应地进行插值。周期内的第一次运行后，皮带失去阻力，因此运行测试力 Q₀ 比 Q₁ 降低约 20%。

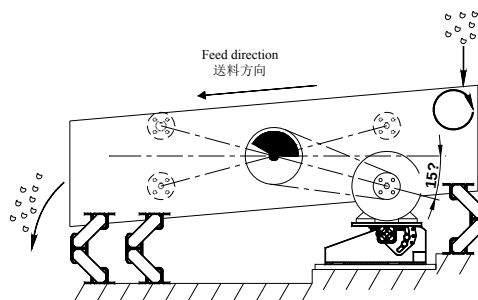
Usual positioning of the Motorbase in screen drive applications 屏幕驱动应用中电机底座的常见安装位置

Base plate mounted in the middle over the elastic element. Plate position horizontally on base. Installation of the entire base 45° inclined (aligned to exciter).



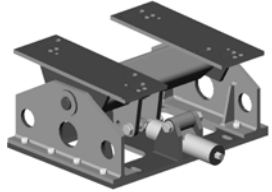
底座板安装在弹性元件上方的中间。板块水平地放置在底座上。整个底座倾斜 45°（与励磁机对齐）安装。

Base plate mounted in the middle over the elastic element. Plate position horizontally on base. Motor shaft min 15° above or below the driven eccentric shaft.

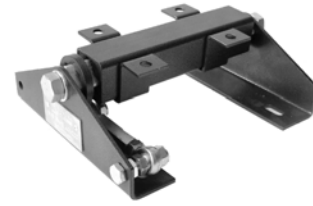
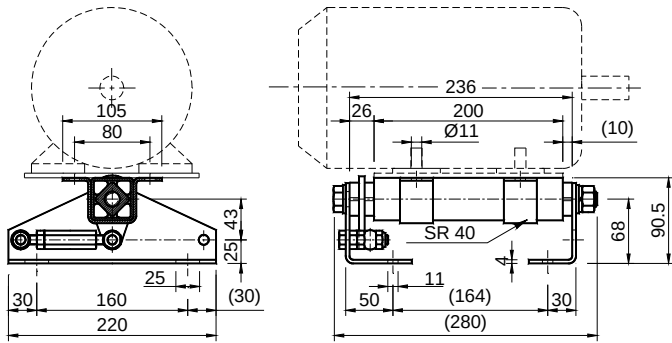


底座板安装在弹性元件上方的中间板块水平地放置在底座上。电机轴在从动偏心轴上方或下方至少 15°。

**VIB****SELECTING TABLE**
选择表**TC2****TECNIDEA CIDUE**
泰尼达 S.r.l.

	Type 型号		IEC (International Electrotechnical Commission) (国际电工委员会)			NEMA (National Electrical Manufacturer Association) (美国国家电气制造商协会)		
			Motor Size 电机尺寸	P [kW] 1000 min ⁻¹ 6-pole motor 六极电机	P [kW] 1500 min ⁻¹ 4-pole motor 四极电机	Motor Size 电机尺寸	P [HP] 1200 min ⁻¹ 6-pole motor 六极电机	P [HP] 1800 min ⁻¹ 4-pole motor 四极电机
	BM-T 40x80 BM-TP 40x80	Pag. H7 页码 H-7	90S 90L	0,75 1,10	1,10 1,50	143T 145T	0,75 1,00	1,00 1,50-2,00
	BM-T 40x120 BM-TP 40x120		100L	1,50	2,20-3,00	182T	1,50	3,00
	BM-T 40x200 BM-TP 40x200		112M	2,20	4,00	184T	2,00	5,00
	BM-T 50x300 BM-TP 50x300	Pag. H9 页码 H-9	132S 132M	3,00 4,00-5,50	5,50 7,50	213T 215T	3,00 5,00	7,50 10,00
			160M 160L	7,50 11,00	11,00 15,00	254T 256T	7,50 10,00	15,00 20,00
	BM-T 70x160 BM-TP 70x160	Pag. H11-12 页码 H11-12	132S 132M	3,00 4,00-5,50	5,50 7,50			
	BM-T 70x200 BM-TP 70x200		160M 160L	7,50 11,00	11,00 15,00	254T 256T	7,50 10,00	15,00 20,00
	BM-T 70x270 BM-TP 70x270		180M 180L	/ 15,00	18,50 22,00	284T 286T	15,00 20,00	25,00 30,00
	BM-T 70x400 BM-TP 70x400		200L	18,50-22,00	30,00	324T 326T	25,00 30,00	40,00 50,00
	BM-T 70x500 BM-TP 70x500		225S 225M	/ 30,00	37,00 45,00	364T 365T	40,00 50,00	60,00 75,00
	BM-T 90x400 BM-TP 90x400	Pag. H14-15 页码 H14-15	250M	37,00	55,00	404T	60,00	100,00
	BM-T 90x550 BM-TP 90x550		280S 280M	45,00 55,00	75,00 90,00	405T 444T	75,00 100,00	100,00-125,00 125,00-150,00
	BM-T 90x650 BM-TP 90x650		315S	75,00	110,00	445T	125,00-150,00	150,00-200,00
	BM-T 90x800 BM-TP 90x800		315M 315L	90,00-110,00 110,00-160,00	132,00-160,00 160,00-200,00	447T 449T	150,00-200,00 200,00-300,00	200,00-250,00 250,00-300,00
	BM-T 110x750	Pag. H16 页码 H16	315M 315L	90,00-110,00 110,00-160,00	132,00-160,00 160,00-200,00	447T 449T	150,00-200,00 200,00-300,00	200,00-250,00 250,00-300,00
			355S 355M 355L	132,00-160,00 200,00-250,00 200,00-250,00	200,00-250,00 250,00 250,00	586/7	250,00-350,00	300,00-350,00

Motorbase without plate VIB Type: BM-T 40 //不带 VIB 板的电机底座类型: BM-T 40



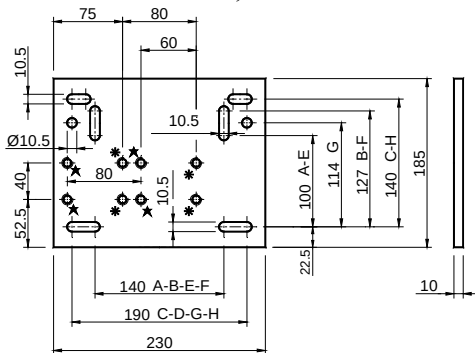
Type 型号	Cod. N° 编号	Motor Size 电机尺寸		VIB SR-43 【个】	Weight 重量
		IEC	NEMA		
BM-T 40x 80	RE022380	90S 90L	143 T 145 T	02	4,00
BM-T 40x 120	RE022384	100L	182 T	02	4,30
BM-T 40x 200	RE022392	112M	184 T	02	4,50

🇬🇧 **MATERIALS** The pin is made of light alloy aluminium profile, other components are made of steel.
TREATMENTS Brackets and body are oven-painted. Bolts and nuts are galvanized.

USE Belt transmission tensioner.
Working temperature from - 40° C to + 80° C.

🇨🇳 **材质** 销由轻合金铝型材制成，其他组件由钢材制成。
处理 支架和主体为高温烤漆。螺栓和螺母镀锌。
使用 皮带传动张紧器。
工作温度范围为零下 40°C 至 80°C。

PLATE for motor base, execution BM-TP 40/电机底座板, 执行 BM-TP 40



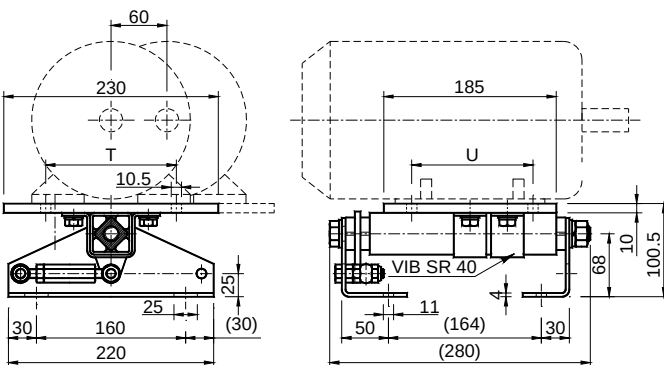
The baseplate supporting the motor can be mounted in overhanging position of 60mm.
支撑电机的底板可以安装在 60mm 的悬置位置

A: motor /电机: 90S
B: motor /电机: 90S
C: motor /电机: 100L
D: motor /电机: 112M
E: motor /电机: 143T
F: motor /电机: 145T
G: motor /电机: 182T
H: motor /电机: 184T

✳: Overhanging positioning /悬置位置
★: Posizionamento centrale/中心区

Weight / 重量: 4,0 kg

Motorbase with plate VIB Type: BM-TP 40/带 VIB 板的电机底座类型: BM-TP 40



🇬🇧 **MATERIALS** The pin is made of light alloy aluminium profile, other components are made of steel.

TREATMENTS Brackets and body are oven-painted. Bolts and nuts are galvanized.

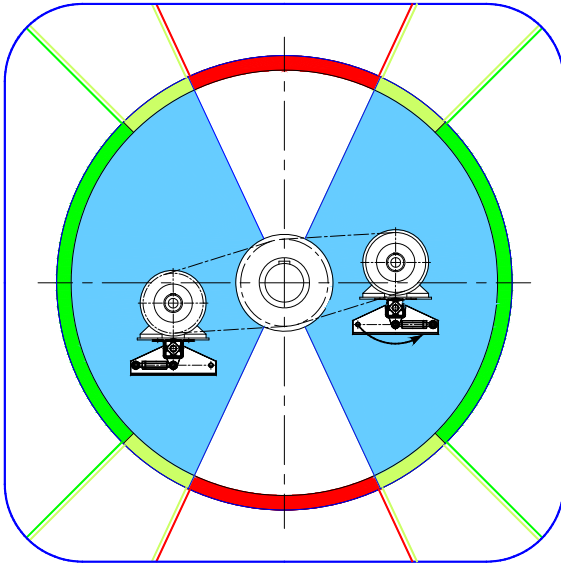
USE Belt transmission tensioner.
Working temperature from - 40° C to + 80° C.

🇨🇳 **材质** 销由轻合金铝型材制成，其他组件由钢材制成。
处理 支架和主体为高温烤漆。螺栓和螺母镀锌。
使用 皮带传动张紧器。
工作温度范围为零下 40°C 至 80°C。

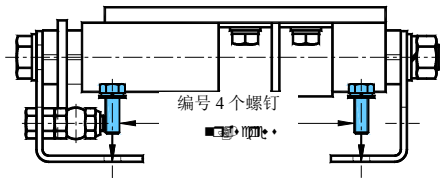
Type 型号	Cod. N° 编号	IEC IEC			NEMA NEMA			Weight 重量
		Motor Size 电机尺寸	T	U	Motor Size 电机尺寸	T	U	
BM-TP 40x 80	RE022381	90S 90L	140 140	100 125	143 T 145 T	140 140	102 127	8,00
BM-TP 40x 120	RE022385	100L	160	140	182 T	190	114	8,30

**VIB****MOTOR BASES**
电机底座**TC2****TECNIDEA CIDUE**
泰尼达 S.r.l.

BM-TP 40x 200	RE022393	112M	190	140	184 T	190	140	8,50
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Assembly instructions for BM-TP 40 /BM-TP 40 的装配说明**1) Choice of the ideal motorbase position/选择理想的电机底座位置。**

- Ideal position; longest tensioning travel
理想位置；最长张力行程
- Acceptable position; sufficient travel
可接受的位置；行程充足
- Not suggested; insufficient travel (contact Tecnidea Cidue)
不建议的；行程不足（联系 Tecnidea Cidue）

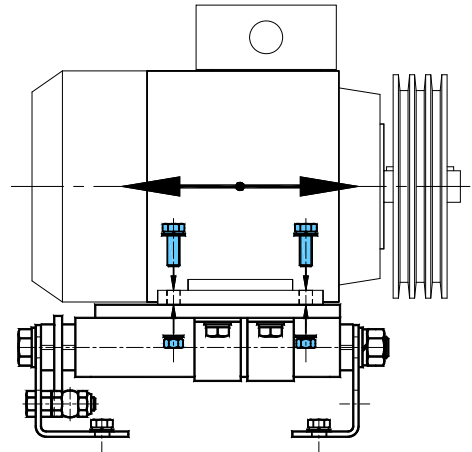
2) Motor base fixation /电机底座的固定

Motorbase BM-TP 40 must be fixed with four M10 screws. On the base available four oblong holes 11x25mm for the adjustment.

电机底座 BM-TP 40 必须用四个 M10 螺钉固定。底座上有四个 11×25mm 的长方形孔可供调整。

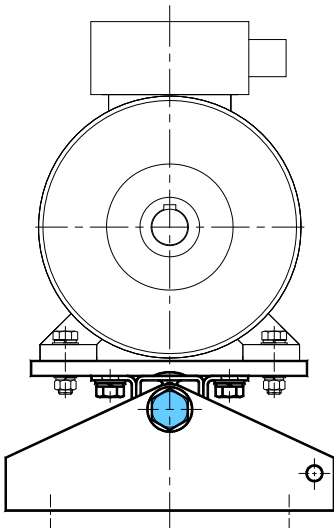
3) Alignment of pulleys and motor fixation

皮带轮对齐和电机固定



Motor must be mounted with at least four bolts. Pay attention to align the driving and driven pulley.

电机必须至少用四个螺栓安装。注意对齐驱动皮带轮和从动皮带轮

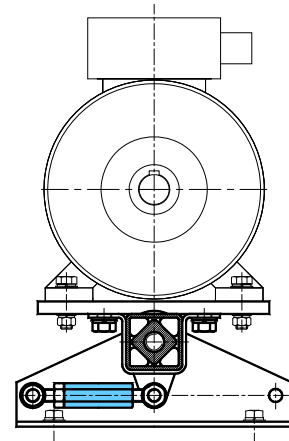
4) Loosen of the center screw /松开中心螺钉

Loosen the central bolt M16.

松开中央螺栓 M16。

5) Belts placement and preloading

皮带放置和预压

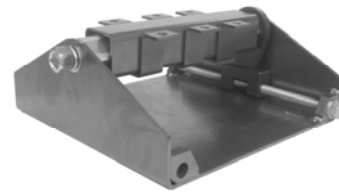
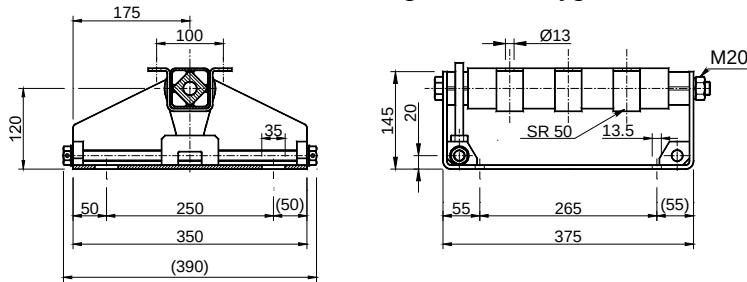


Adjust the belt tension by turning the preloading block. When this operation is over, tighten the screw loosened in step 4 (M16 - 210 Nm).

转动预压块调节皮带张力。操作结束后，拧紧步骤 4 中松开的螺钉（M16-210Nm）。



Motorbase without plate VIB Type: BM-T 50 /不带 VIB 板的电机底座类型: BM-T 50

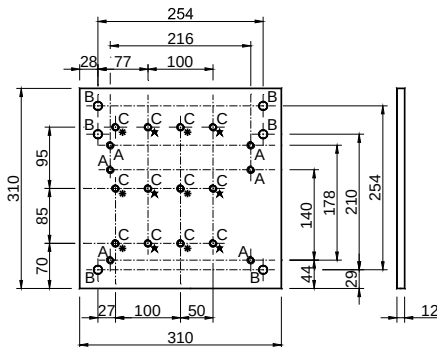


Type 型号	Cod. N° 编号	Motor Size 电机尺寸		VIB SR 50 [pcs] 【个】	Weight 重量
		IEC	NEMA		
BM-T 50x300	RE022394	132S	213T	03	17,00
		132M	215T		
		160M	254T		
		160L	256T		

🇬🇧 **MATERIALS** The pin is made of light alloy aluminium profile, other components are made of steel.
TREATMENTS Brackets and body are oven-painted. Bolts and nuts are galvanized.
USE Belt transmission tensioner.
Working temperature from - 40° C to + 80° C.

🇨🇳 **材质** 销由轻合金铝型材制成, 其他组件由钢材制成。
处理 支架和主体为高温烤漆。螺栓和螺母镀锌。
使用 皮带传动张紧器。
工作温度范围为零下 40°C 至 80°C。

PLATE for motorbase, execution BM-TP 50: //电机底座板, 执行 BM-TP 50



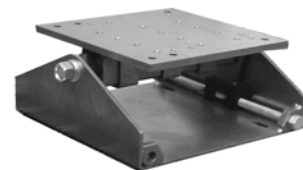
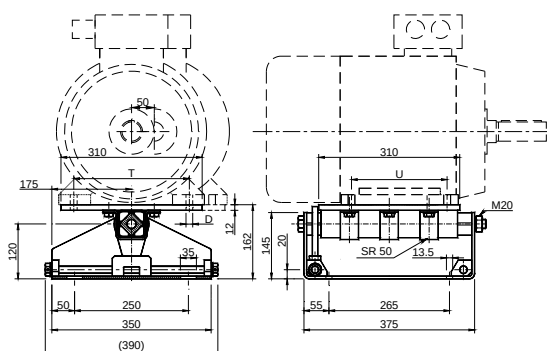
The baseplate supporting the motor can be mounted in overhanging position of 60mm.
支撑电机的底板可以安装在 60mm 的悬置位置。

A: /电机 1motor32 S-M / 213T-215T : M10
B: motor/电机: 160 M-L / 254T-256T: Ø13
C: /固定夹 Fixing clamps VIB SR 50: M12

*: 悬置位置 Overhanging positioning/
★ 中心位置 Central positioning/

Weight /重量 (千克) : 9.5kg

Motorbase with plate VIB Type: BM-TP 50/带 VIB 板的电机底座类型: BM-TP 50



🇬🇧 **MATERIALS** The pin is made of light alloy alluminium profile, other components are made of steel.
TREATMENTS Brackets and body are oven-painted. Bolts and nuts are galvanized.
USE Belt transmission tensioner.
Working temperature from - 40° C to + 80° C.

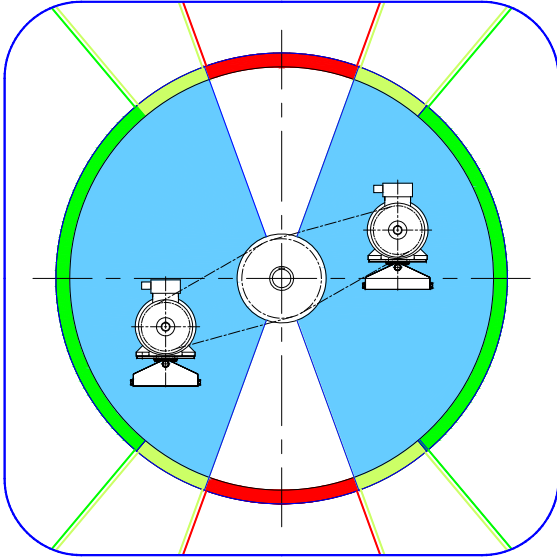
🇨🇳 **材质** 销由轻合金铝型材制成, 其他组件由钢材制成。
处理 支架和主体为高温烤漆。螺栓和螺母镀锌。
使用 皮带传动张紧器。
工作温度范围为零下 40°C 至 80°C。

		IEC				NEMA				Weight Peso in kg 重量 Peso 【kg】
Type 型号	Cod. N° 编号	Motor Size 电机尺寸	T	U	D	Motor Size 电机尺寸	T	U	D	
BM-TP 50x300	RE022395	132S	216	140	M10	213T	216	140	M10	27,00
		132M	216	178	M10	215T	216	178	M10	
		160M	254	210	Ø13	254T	254	210	Ø13	
		160L	254	254	Ø13	256T	254	254	Ø13	

Mounting instructions for BM-TP 50/BM-TP 50 的安装说明

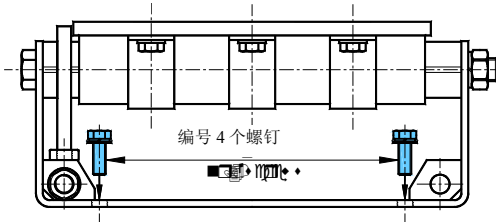
**VIB****MOTOR BASES**
电机底座**TC2****TECNIDEA CIDUE**
泰尼达 S.r.l.

1) /选择理想的电机底座位置。Choice of the ideal motorbase position



- Ideal position; longest tensioning travel
理想位置；最长张力行程
- Acceptable position; sufficient travel
可接受的位置；行程充足
- Not suggested; insufficient travel (contact Tecnidea Cidue)
不建议的；行程不足（联系 Tecnidea Cidue）

2) /电机底座固定 Motor base fixation

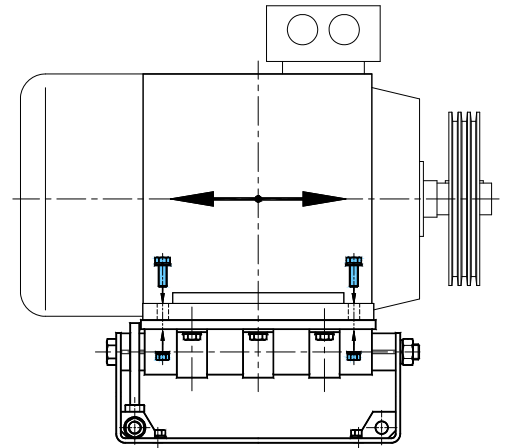


Motor Base BM-TP 50 must be fixed with four M12 screws. On the base are available four oblong holes 13.5x35mm for the adjustment.

电机底座 BM-TP 50 必须用四个 M12 螺钉固定。底座上有四个 13.5×35mm 的长方形孔可供调整。

3) Alignment of pulleys and motor fixation

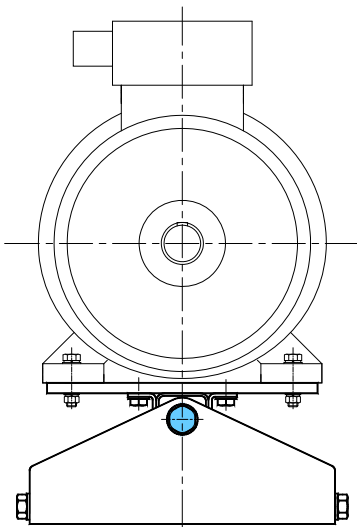
3) 皮带轮对齐和电机固定



Motor must be mounted with at least four bolts. Pay attention to align the pulley and driven pulley.

电机必须至少用四个螺栓安装。注意对齐驱动皮带轮和从动皮带轮。

4) Loosen of the center screw /松开中心螺钉

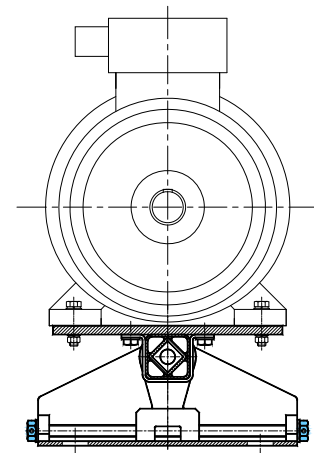


Loosen the central bolt M20.

松开中央螺栓 M20。

5) Belts placement and preloading

5) 皮带放置和预压



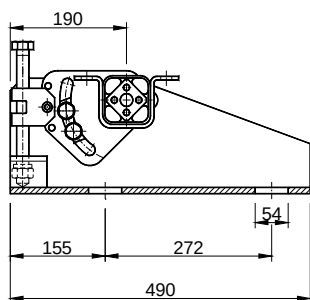
Adjust the belt tension by turning the preloading block. When this operation is over, tighten the screw loosened in step 4 (M16 - 410 Nm).

转动预压块调节皮带张力。当此操作结束后，拧紧步骤四中松开的螺丝（M16 - 410 Nm）

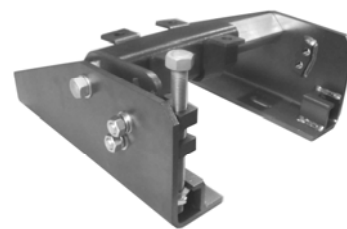
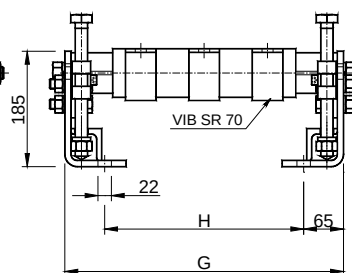
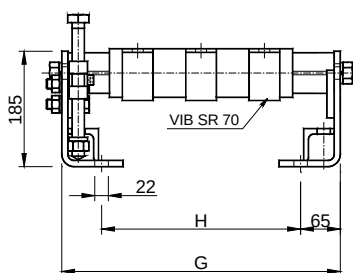


Base Motore senza piastra VIB Tipo: BM-T 70/Base Motore Senza Piastra Vib Tipo:BM-T 70

Es A:



Es B:

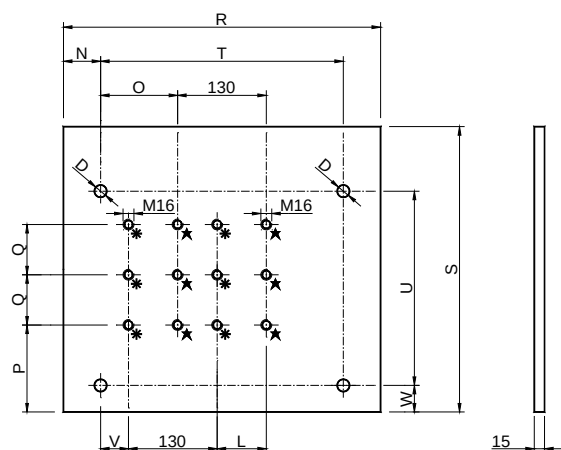


MATERIALS The pin is made of light alloy aluminium profile, other components are made of steel.
TREATMENTS Brackets and body are oven-painted. Bolts and nuts are galvanized.
USE Belt transmission tensioner.
Working temperature from - 40° C to + 80° C.

材质 销由轻合金铝型材制成，其他组件由钢材制成。
处理 支架和主体为高温烤漆。螺栓和螺母镀锌。
使用 皮带传动张紧器。
工作温度范围为零下 40°C 至 80°C。

Type 型号	Cod. N° 编号	Motor Size 电机尺寸		Es	G	H	VIB SR 70 [pcs] VIB SR 70 【件】	Weight in kg 重量 (千 克)
		IEC	NEMA					
BM-T 70x160	RE022399	132S 132M		A	355	225	02	27,70
BM-T 70x200	RE022403	160M 160L	254T 256T	A	455	325	03	28,60
BM-T 70x270	RE022410	180M 180L	284T 286T	A	455	325	03	29,70
BM-T 70x400	RE022423	200L	324T 326T	B	555	425	04	35,00
BM-T 70x500	RE022433	225S 225M	364T 365T	B	605	475	05	37,10

PLATE for motorbase, execution BM-TP 70 /电机底座板，执行 BM-TP 70



*: Overhanging positioning/悬置位置
★/中心位置 Central positioning

The plate supporting the motor allows to assemble the motor both in central position, compared to elastic element, and overhanging position (L).
支撑电机的板块允许在与弹性元件相对的中心位置和悬置位置 (L) 组装电机。

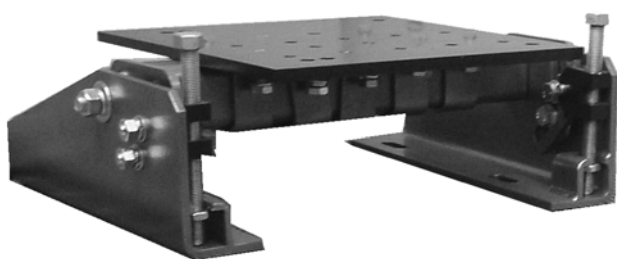
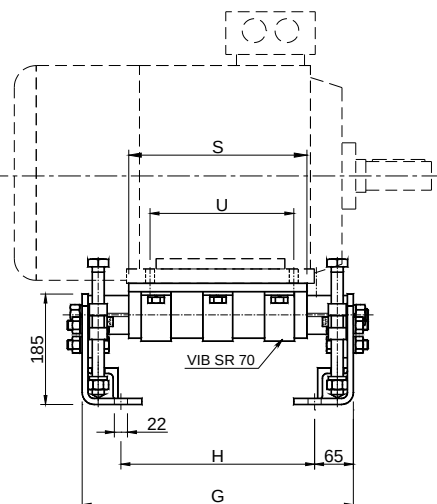
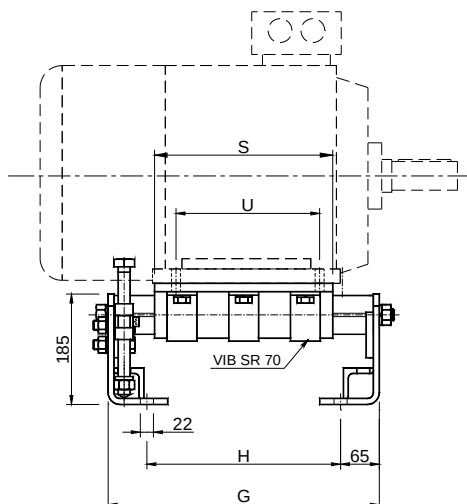
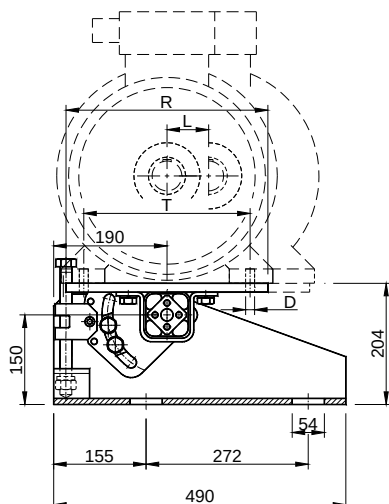
Type 型号	L	N	O	P	Q	R	S	V	W	IEC				NEMA				Weight in kg 重量 (千克):
										Motor Size 电机尺寸	T	U	D	Motor Size 电机尺寸	T	U	D	
BM-TP 70x160	43	26,0	43,0	64	120	270	230	/	24	132S 132M	216 216	140 178	M10					7,80
BM-TP 70x200	45	28,0	62,0	69	130	310	310	17	29	160M 160L	254 254	210 254	Ø14 Ø14	254T 256T	254 254	210 254	Ø1 4	12,10
BM-TP 70x270	72	35,5	74,5	74	80	350	350	2,5	34	180M 180L	279 279	241 279	Ø14 Ø14	284T 286T	279 279	241 279	Ø1 4	15,40
BM-TP 70x400	72	43,5	94,0	85	55	405	375	22	34	200L	318	305	Ø18 Ø18	324T 326T	318 318	267 286	Ø1 8	19,10
BM-TP 70x500	72	54,5	113	54	74	465	420	41	39	225S 225M	356 356	286 311	Ø18 Ø18	364T 365T	356 356	286 311	Ø1 8	24,50

Motorbase with plate VIB Type: BM-TP 70 /带 VIB 板的电机底座类型: BM-TP 70

**VIB****MOTOR BASES**
电机底座**TC2****TECNIDEA CIDUE**
泰尼达 S.r.l.

Es A:

Es B:

**🇬🇧 MATERIALS** The pin is made of light alloy aluminium profile, other components are made of steel.**TREATMENTS** Brackets and body are oven-painted. Bolts and nuts are galvanized.**USE** Belt transmission tensioner.Working temperature from -40°C to $+80^{\circ}\text{C}$.**🇨🇳 材质** 销由轻合金铝型材制成，其他组件由钢材制成。**处理** 支架和主体为高温烤漆。螺栓和螺母镀锌。**使用** 皮带传动张紧器。工作温度范围为零下 40°C 至 80°C 。

Type 型号	Cod. N° 编号	Es	L	G	H	R	S	IEC				NEMA				Weight in kg 重量 (kg)
								Motor Size 电机尺寸	T	U	D	Motor Size 电机尺寸	T	U	D	
BM-TP 70x160	RE022400	A	43	355	225	270	230	132S 132M	216 216	140 178	M10					35,50
BM-TP 70x200	RE022404	A	45	455	325	310	310	160M 160L	254 254	210 254	Ø14 Ø14	254T 256T	254 254	210 254	Ø14 Ø14	40,70
BM-TP 70x270	RE022411	A	72	455	325	350	350	180M 180L	279 279	241 279	Ø14 Ø14	284T 286T	279 279	241 279	Ø14 Ø14	45,10
BM-TP 70x400	RE022424	B	72	555	425	405	375	200L	318	305	Ø18	324T 326T	318 318	267 305	Ø18 Ø18	54,10
BM-TP 70x500	RE022434	B	72	605	475	465	420	225S 225M	356 356	286 311	Ø18 Ø18	364T 365T	356 356	286 311	Ø18 Ø18	61,60

All BM-TP 70 motor bases are provided with the plate in overhanging position (L). The plate can be moved easily by the customer in central position if requested by the application.

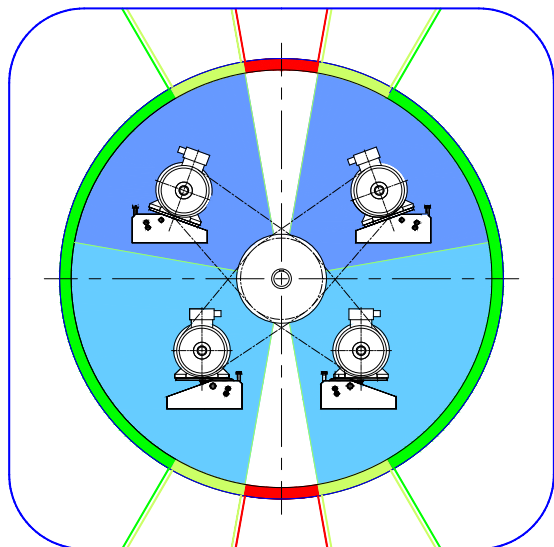
所有 BM-TP70 电机底座上均设有在悬置位置 (L) 上的板。如果应用要求，在中心位置的客户可以很容易地移动板块。



Assembly instructions for BM-TP 70/BM-TP 70 的装配说明

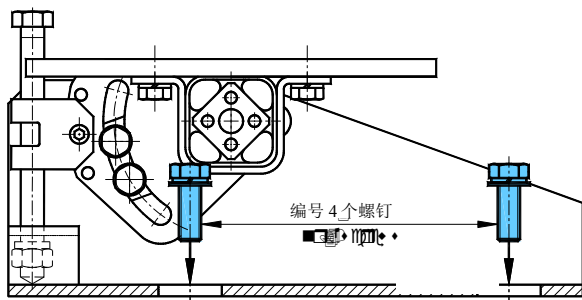


1) /选择理想的电机底座位置。Choice of the ideal motor base position



- Ideal position; longest tensioning travel
理想位置；最长张力行程
- Acceptable position; sufficient travel
可接受的位置；行程充足
- Not suggested; insufficient travel (contact Tecnidea Cidue)
不建议的；行程不足（联系 Tecnidea Cidue）
- Operation area "above". Motor plate is inclined around 30°.
“以上”作业区。电机盘倾斜约 30°。
- Operation area "below". Motor plate is horizontal position.
“以下”作业区。电机板处于水平位置。

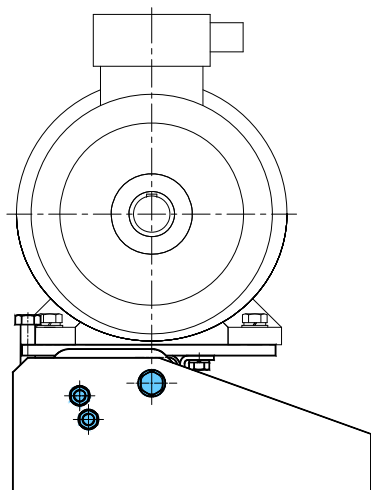
2) /电机底座固定 Motor base fixation



Motor Base BM-TP 70 must be fixed with four M20 screws. On the plate are available four oblong holes 22x54mm for the adjustment.

电机底座 BM-TP 70 必须用四个 M20 螺钉固定。底座上有四个 22×54mm 的长方形孔可供调整。

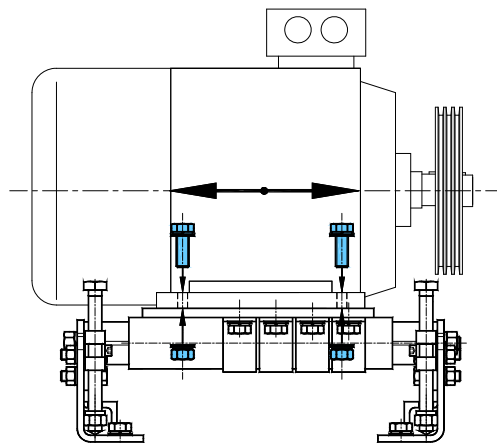
4) Loosen of the center screws and of the lateral screws
4) 松开中心螺钉和侧向螺钉



Loosen the central M20 bolts and the lateral M16 bolt.

松开中央 M20 螺栓和侧向 M16 螺栓。

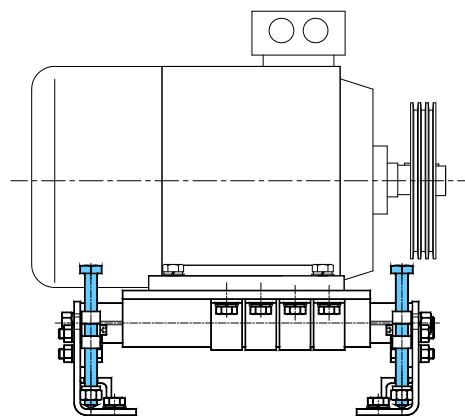
3) Alignment of pulleys and motor fixation
皮带轮对齐和电机固定



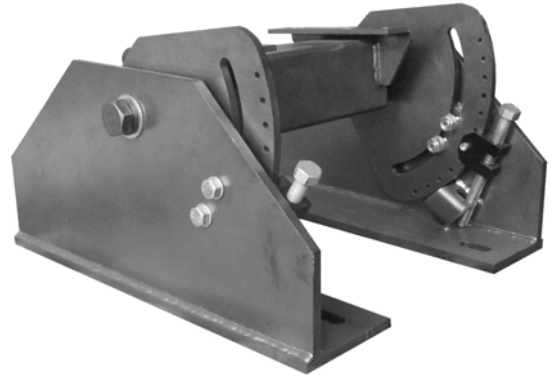
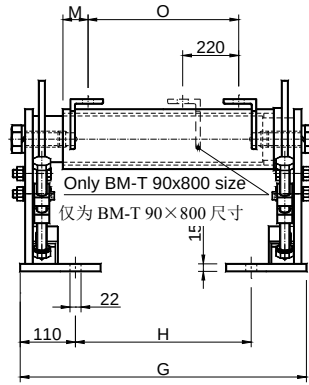
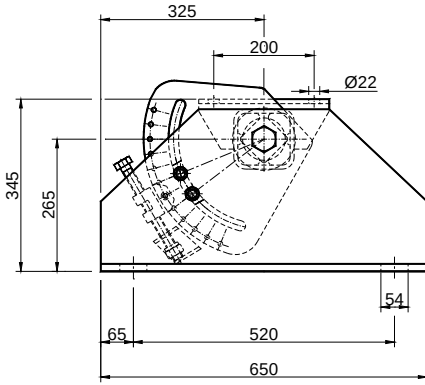
Motor must be mounted with at least four bolts. Pay attention to align the driving and driven pulley.

电机必须至少用四个螺栓安装。注意对齐驱动皮带轮和从动皮带轮。

5) Belts placement and preloading
5) 皮带放置和预压



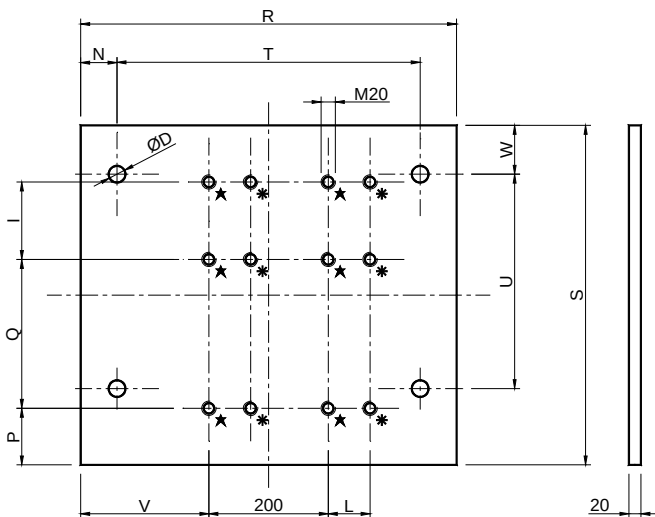
Adjust the belt tension by turning the preload block. When this operation is over, tighten the screws loosened in step 4 (M20 - 410 Nm / M16 - 210 Nm).
转动预压块调节皮带张力。操作结束后，拧紧步骤 4 中松开的螺钉。
(M20-410nm/M16-210nm)。

**VIB****MOTOR BASES**
电机底座**TC2****TECNIDEA CIDUE**
泰尼达 S.r.l.**Motorbase without plate VIB Type: BM-T 90/不带 VIB 板的电机底座类型: BM-T 90**

MATERIALS All components are made of steel.
TREATMENTS Brackets and body are oven-painted. Bolts and nuts are galvanized.
USE Belt transmission tensioner.
 Working temperature from - 40° C to + 80° C.

材质 所有的组件都是由钢制成的。
处理 支架和主体为高温烤漆。螺栓和螺母镀锌。
使用 皮带传动张紧器。
 工作温度范围为零下 40°C 至 80°C。

Type 型号	Cod. N° 编号	Motor Size 电机尺寸		G	H	M	O	Weight in kg 重量 (kg)
		IEC	NEMA					
BM-T 90x400	RE022440	250M	404T	595	350	50	300	117,80
BM-T 90x550	RE022455	280S 280M	405T 444T	745	500	95	360	128,80
BM-T 90x650	RE022465	315S	445T	845	600	135	380	135,40
BM-T 90x800	RE022470	315M 315L	447T 449T	968	723	135	503	150,00

PLATE for motorbase, execution BM-TP 90/电机底座板, 执行 BM-TP 90

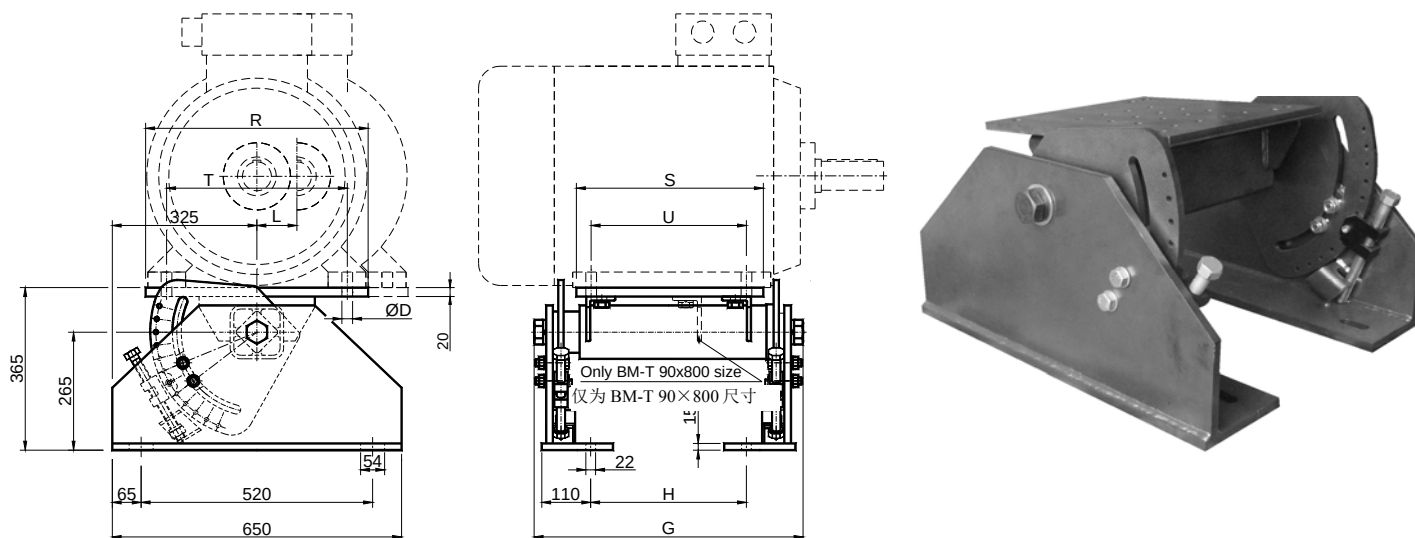
*: /悬置位置 Overhanging positioning
 ★: /中心位置 Central positioning

The plate supporting the motor allows to assemble the motor both in central position, compared to elastic element, and overhanging position (M).

支撑电机的板块允许在与弹性元件相对的中心位置和悬置位置 (M) 组装电机。

										IEC				NEMA				重量 (kg) 重量 (kg)
Type 型号	I	L	N	P	Q	R	S	V	W	Motor Size 电机尺寸	T	U	D	Motor Size 电机尺寸	T	U	D	
BM-TP 90x400	/	50	52	65	300	510	410	155	30.5	250M	406	349	22	404T	406	311	22	37,20
BM-TP 90x500	/	50	51.5	60	360	560	565	180	40.5	280S 280M	457 457	368 419	22	405T 444T	406 457	349 368	22	46,20
BM-TP 90x650	/	70	61	95	380	630	660	215	82	315S	508	406	26	445T	457	419	22	59,60
BM-TP 90x800	220	70	61	123.5	283	630	805	215	121	315M 315L	508 508	457 508	28	447T 449T	457 457	508 635	22	75,00

Motorbase with plate VIB Type: BM-TP 90/带 VIB 板的电机底座类型: BM-TP 90



MATERIALS All components are made of steel.
TREATMENTS Brackets and body are oven-painted. Bolts and nuts are galvanized.
USE Tightening of belt transmission.
Operating temperature from -40°C to $+80^{\circ}\text{C}$.

材质 所有的组件都是由不锈钢制成的。
处理 支架和主体为高温烤漆。螺栓和螺母镀锌。
使用 拧紧皮带传动装置。
工作温度范围为零下 40°C 至 80°C 。

							IEC				NEMA				Weight in kg 重量 (kg)
Type 型号	Cod. N° 编号	G	H	L	R	S	Motor Size 电机尺寸	T	U	D	Motor Size 电机尺寸	T	U	D	
BM-TP 90x400	RE022441	595	350	50	510	410	250M	406	349	22	404T	406	311	22	155,00
BM-TP 90x550	RE022456	745	500	50	560	565	280S	457	368	22	405T	406	349	22	175,00
							280M	457	419	22	444T	507	368	22	
BM-TP 90x650	RE022466	845	600	70	630	660	315S	508	406	26	445T	457	419	22	195,00
BM-TP 90x800	RE022471	968	723	70	630	805	315M	508	457	28	447T	457	508	22	225,00
							315L	508	508	28	449T	457	635	22	

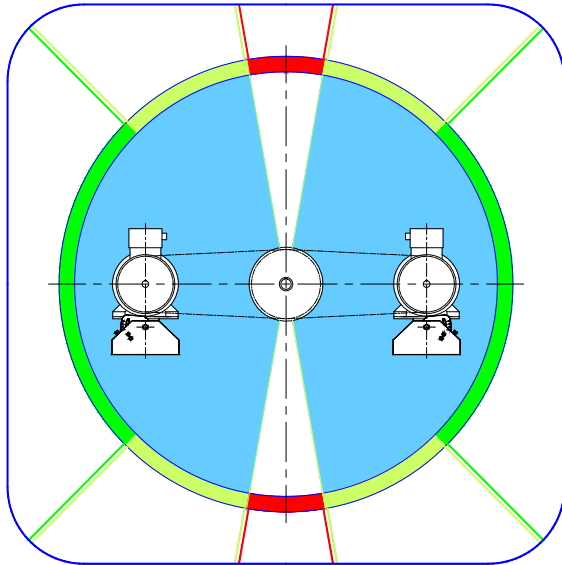
APPLICATION EXAMPLES/应用示例



**VIB****MOTOR BASES**
电机底座**TC2****TECNIDEA CIDUE**
泰尼达 S.r.l.

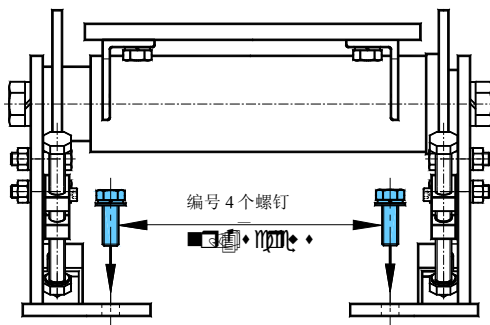
Assembly instructions for BM-TP 90/BM-TP 90 的装配说明

1) /选择理想的电机底座位置。Choice of the ideal motor base position



- Ideal position; longest tensioning travel
理想位置；最长张力行程
- Acceptable position; sufficient travel
可接受的位置；行程充足
- Not suggested; insufficient travel (contact Tecnidea Cidue)
不建议的；行程不足（联系 Tecnidea Cidue）

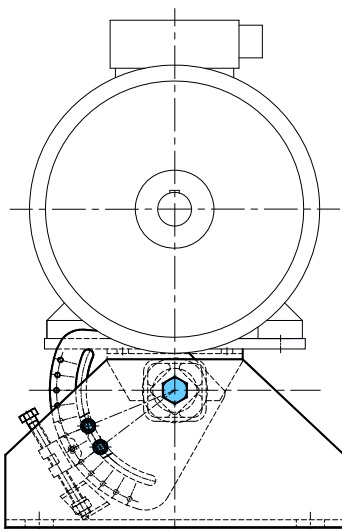
2) /电机底座固定 Motor base fixation



Motor Base BM-TP 90 must be fixed with four M20 screws. On the plate are available four oblong holes 22x54mm for the adjustment.

电机底座 BM-TP 90 必须用四个 M20 螺钉固定。底座上有四个 22×54mm 的长方形孔可供调整。

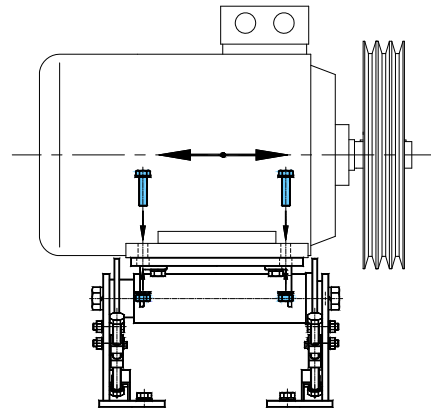
4) Loosen of the center screws and of the lateral screws 4) 松开中心螺钉和侧向螺钉



Loosen the central bolts M30 and the lateral bolts M16.

松开中央螺栓 M30 和侧向螺栓 M16。

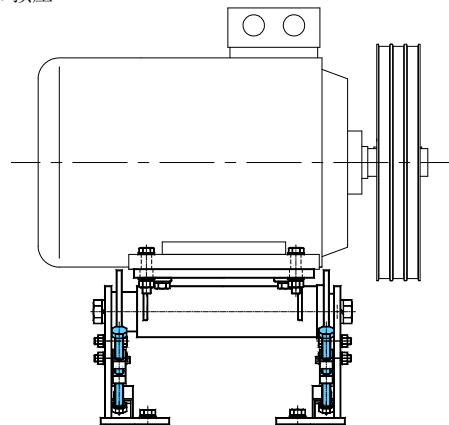
3) Alignment of pulleys and motor 皮带轮和电机的调整



Motor must be mounted with at least four bolts. Pay attention to align the driving and driven pulley.

电机必须至少用四个螺栓安装。注意对齐驱动皮带轮和从动皮带轮。

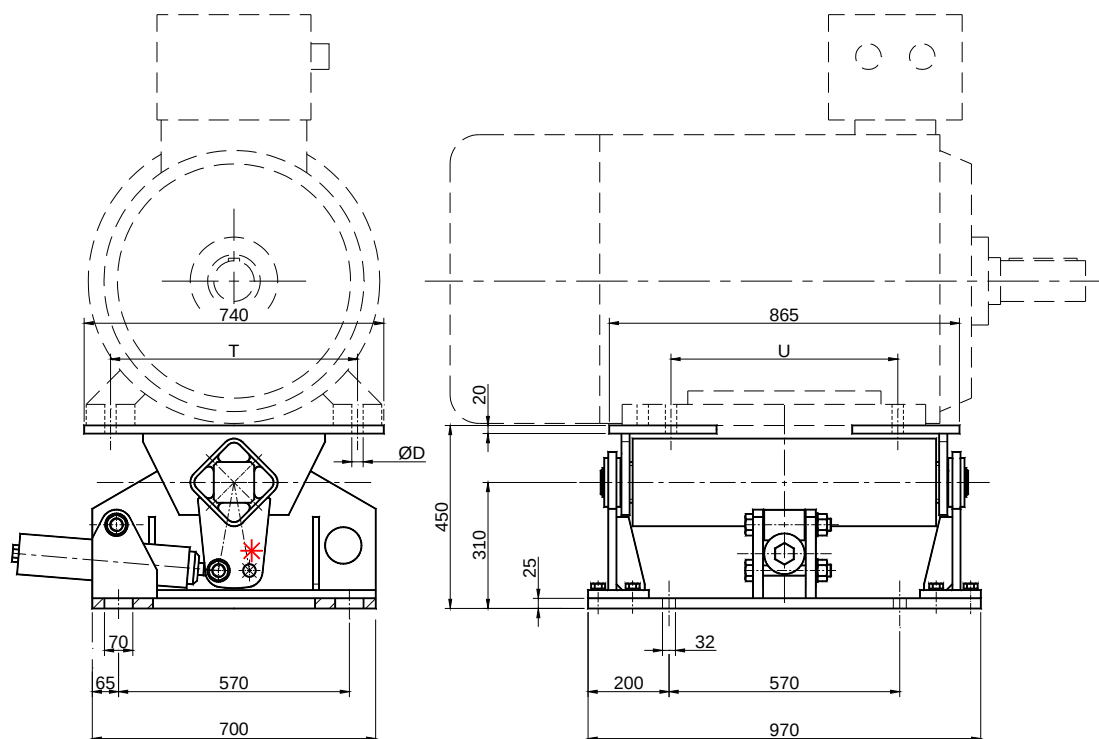
5) Belts placement and preloading 5) 皮带放置和预压



Adjust the belt tension by turning the preload screws. When this operation is over, tighten the screws loosened in step 4 (M30 -1400 Nm / M16 - 210 Nm).

转动预压螺钉调节皮带张力。操作结束后，拧紧步骤 4 中松开的螺钉 (M30 -1400 Nm / M16 - 210 Nm)。

Motorbase with plate VIB Type: BM-T 110 /带 VIB 板的电机底座类型: BM-T 110

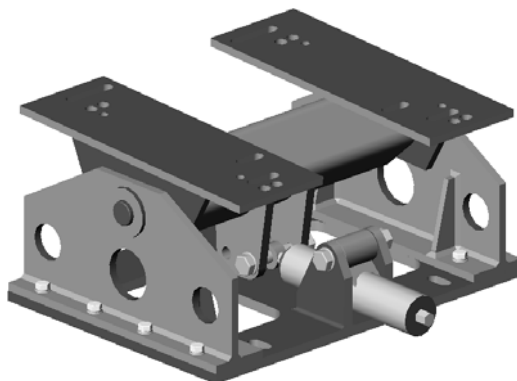


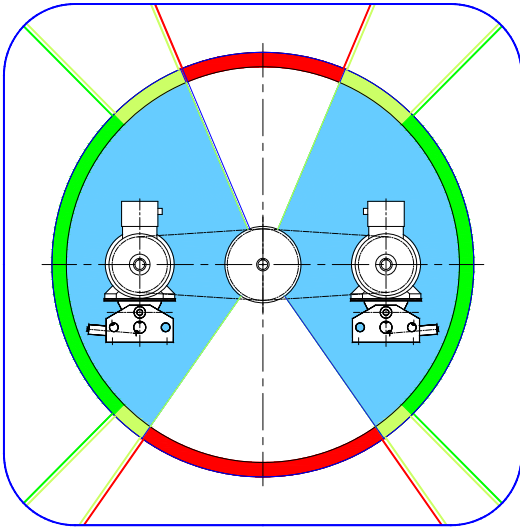
MATERIALS All components are made of steel.
TREATMENTS Brackets and body are oven-painted. Bolts and nuts are galvanized.
USE Belt transmission tensioner.
Working temperature from -40°C to $+80^{\circ}\text{C}$.

材质 所有的组件都是由不锈钢制成的。
处理 支架和主体为高温烤漆。螺栓和螺母镀锌。
使用 皮带传动张紧器。
工作温度范围为零下 40°C 至 80°C 。

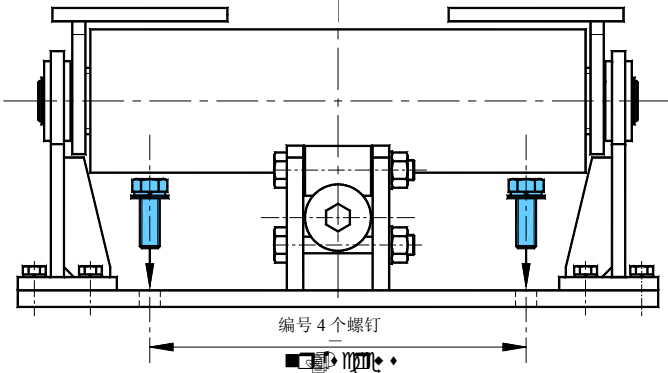
Type 型号	Cod. N° 编号	IEC				NEMA				Weight in kg 重量 (kg)
		Motor Size 电机尺寸	T	U	D	Motor Size 电机尺寸	T	U	D	
BM-T 110x750	RE022474	315M	508	457	28	447T	457	508	21	490
		315L	508	508	28	449T	457	635	21	
		355S	610	500	28					
		355M	610	560	28	586/7	584	560	30	
		315L	610	630	28					

*****: In order to take advantage of the max travel of the pre-tensioning, the pre-tensioning device should be fixed on the holes in front.
为了利用预张拉的最大行程, 应将预张紧装置固定在前面的孔上。



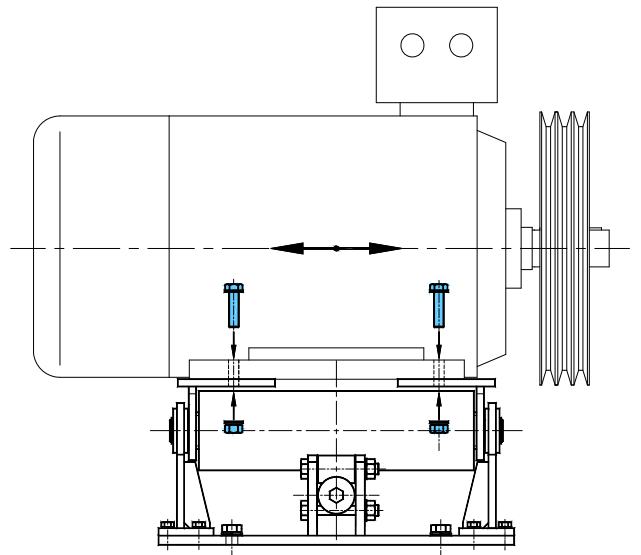
**VIB****MOTOR BASES**
电机底座**TC2****TECNIDEA CIDUE**
泰尼达 S.r.l.**Assembly instructions for BM-T 110/BM-TP 110 的装配说明****1) /选择理想的电机底座位置。Choice of the ideal motorbase position**

- Ideal position; longest tensioning travel
理想位置；最长张力行程
- Acceptable position; sufficient travel
可接受的位置；行程充足
- Not suggested; insufficient travel (contact Tecnidea Cidue)
不建议的；行程不足（联系 Tecnidea Cidue）

2) /电机底座的固定 Motor base fixation

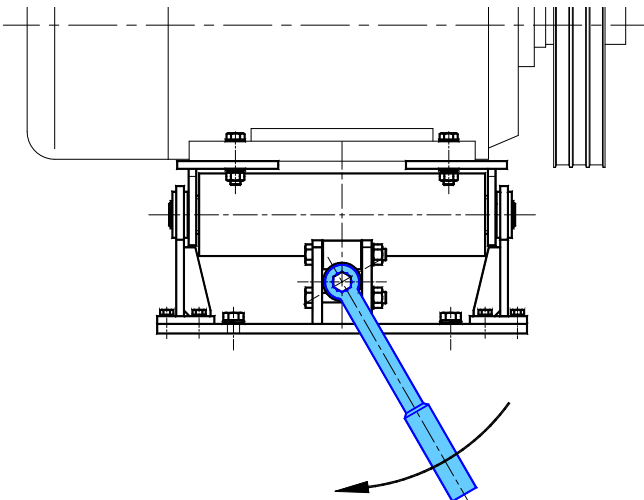
Motor Base BM-T 110x750 must be fixed with four M30 screws. On the plate are available four oblong holes 32x70mm for the adjustment.

电机底座 BM-T 110x750 必须用四个 M30 螺钉固定。底座上有四个 32x70mm 的长方形孔可供调整。

3) Alignment of pulleys and motor fixation**3) 皮带轮对齐和电机固定**

Motor must be mounted with at least four bolts. Pay attention to align the driving pulley and the driven pulley.

电机必须至少用四个螺栓安装。注意对齐驱动皮带轮和从动皮带轮。

4) Belts placement and correct tightening control**4) 皮带的放置和正确的张力控制**

With a hexagonal key operate on the screw on the end of preloading device. Belt tension must be adjusted depending on suggestions provided by the belt manufacturer. Attention: do not release the preloading system when device is tightened.

用六角键操作预压装置端部的螺钉。皮带张力必须根据皮带制造商提供的建议进行调整。注意：拧紧装置时，请勿松开预压系统。



Volume 1

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