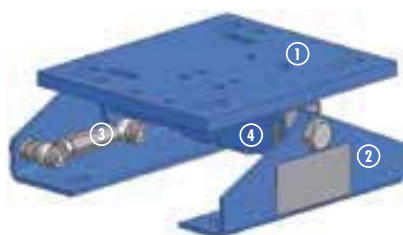


Art. No.	Type	IEC				NEMA				Weight [kg]
		Motor Frame Size	A	B	K	Motor Frame Size	A	B	K	
02200201	MB27 × 120	90S	140	100	10.5	143T	140	102	10.5	8
		90L	140	125	10.5	145T	140	127	10.5	
		100L	160	140	10.5	182T	190	114	10.5	
		112M	190	140	10.5	184T	190	140	10.5	
02000301	MB38 × 300	132S	216	140	M10	213T	216	140	M10	26
		132M	216	178	M10	215T	216	178	M10	
		160M	254	210	13	254T	254	210	13	
		160L	254	254	13	256T	254	254	13	

Design **ATEX** with specific Art. No., example MB27 x 120: 02**3**00201. Details ATEX on page 5.4.

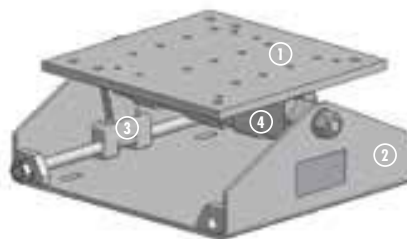
- * Is the resulting tension-travel of the motorbase not effectual, we recommend to position the motor plate in “off-set” configuration, offering enlarged compensation travel.

- 1 Motor plate
- 2 Side supports
- 3 Pretensioning device
- 4 Rubber suspension element
with brackets
(MB 27: 2 brackets /
MB 38: 3 brackets)



MB 27×120

Steel parts blue painted



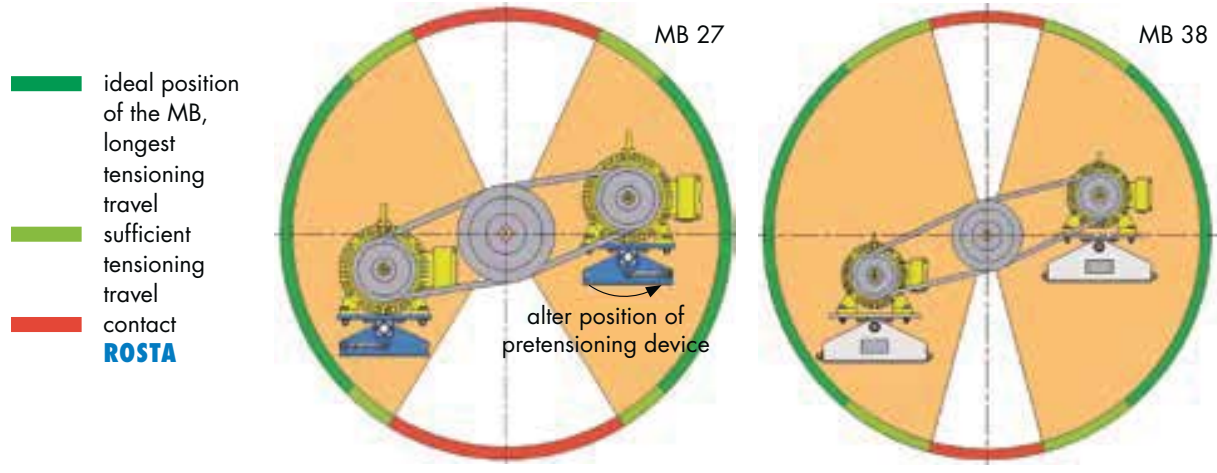
MB 38 × 300

Steel parts galvanized



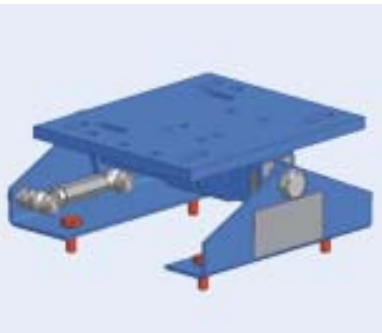
Mounting instructions for MB 27 and MB 38

1 Determine of the ideal motorbase position



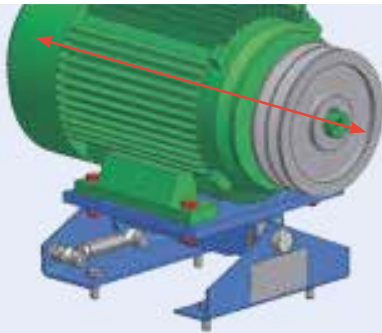
2 Support fixations

MB 27:
4 slotted holes 11×25 mm
MB 38:
4 slotted holes 13.5×35 mm



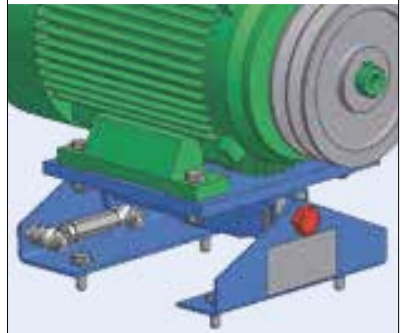
3 Alignment of pulleys and motor fixation

4 bolts according to relevant motor size



4 Loosen of the shaft bolt (element axis)

MB 27: 24 mm wrench (M16) and
MB 38: 30 mm wrench (M20)

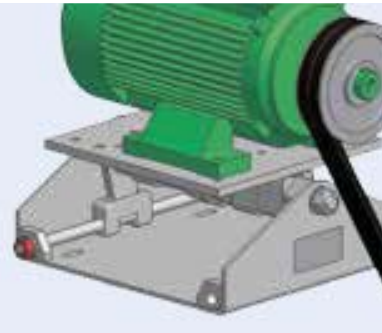
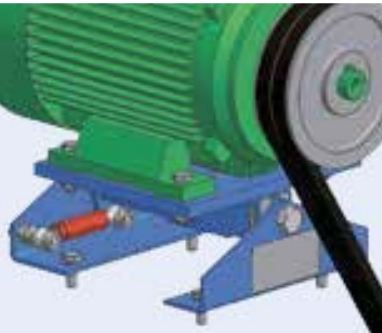


5 Insert and tension the belts, control belt test force

Tensioning of the belts according to belt suppliers recommended test force (table on page 5.5).

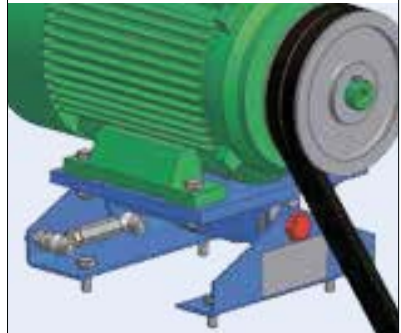
MB 27: by means of threaded
bushing with 16 mm wrench (M10)

MB 38: by means of threaded
shaft with 24 mm wrench (M16×1.5)



6 Tighten of the shaft bolt (element axis), start of operation

MB 27: 24 mm wrench (M16),
locking torque 210 Nm and
MB 38: 30 mm wrench (M20),
locking torque 410 Nm



Retension:

Generally retensioning is not necessary, however, we recommend to inspect the belt tension after a few days of operation.