

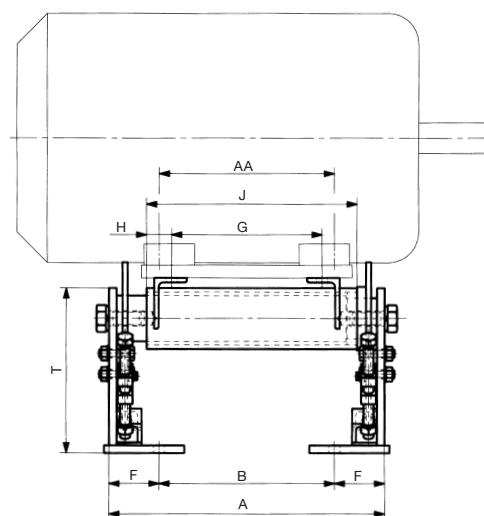
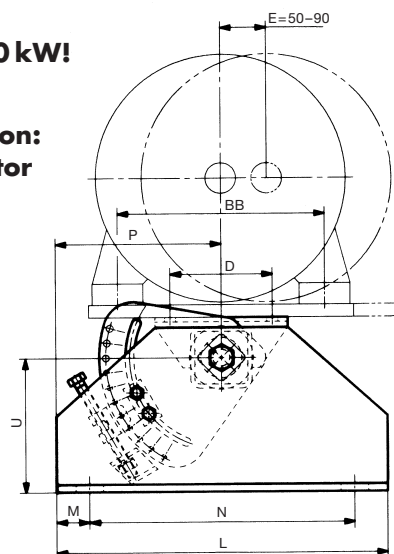


Motorbase

Type MB 70

**Heavy duty motorbase
for belt drives of max. 110 kW!**

**Selection of base dimension:
according to relevant motor
frame size**



Motorbase Type	Frame size	1000 min ⁻¹		1500 min ⁻¹		3000 min ⁻¹ *		AA	BB
		kW	M _d	kW	M _d	kW	M _d		
MB 70 x 400	D 250M	37	353 Nm	55	350 Nm	55	175 Nm	349	406
MB 70 x 550	D 280S	45	429 Nm	75	477 Nm	75	238 Nm	368	457
	D 280M	55	525 Nm	90	573 Nm	90	286 Nm	419	457
MB 70 x 650	D 315S	75	716 Nm	110	700 Nm	110	350 Nm	406	508

* Due to the relatively low torque momentum, we recommend to install 2-pole motors on the next smaller MB 70 size – or eventually on the type MB 50. The motor plate, which has to be added by the customer, should be installed off-center (dimension E= 50–90 mm) in order to provide the best possible lever motion by different positions of the driven pulley.

Overall Dimensions

(Details see drawing ROSTA assembling kits MB 70, page 15)

Motorbase Type	Dimensions in mm												
	A	B	D	F	G	H	J	L	M	N	P	T	U
MB 70 x 400	550	350	200	100	300	50	420	650	65	520	325	325	265
MB 70 x 550	700	500	200	100	360	95	570	650	65	520	325	325	265
MB 70 x 650	800	600	200	100	380	135	670	650	65	520	325	325	265

Torque Values of the ROSTA Motorbases

Motorbase Type	Torque in Nm on rubber suspension by pretension of:					
	5°	10°	15°	20°	25°	30°
MB 70 x 400	250	765	1315	2160	3175	4750
MB 70 x 550	345	1050	1800	2970	4365	6530
MB 70 x 650	405	1240	2135	3510	5160	7720

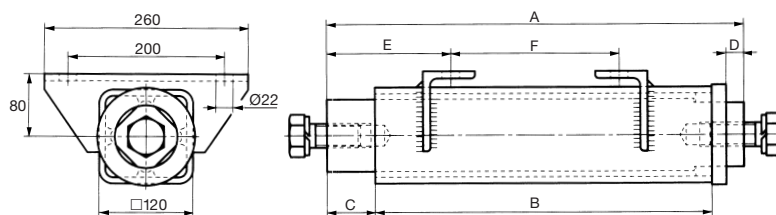


Assembling Kits

Type MB 70

ROSTA Rubber Suspension Unit to MB 70 with Cardanic Bush

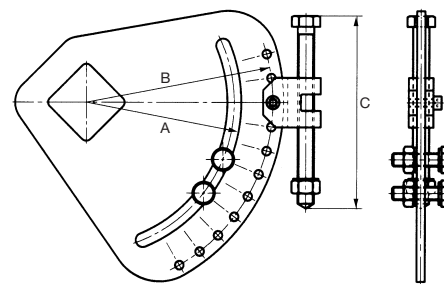
Kit I



Art. No.	Motorbase Type	A	B	C	D	E	F	Weight in kg
13 020 701	MB 70 x 400	520	420	60	22	110	300	38.4
13 020 702	MB 70 x 550	670	570	60	22	155	360	49.4
13 020 703	MB 70 x 650	770	670	60	22	195	380	56.0

Pretensioning Device to MB 70

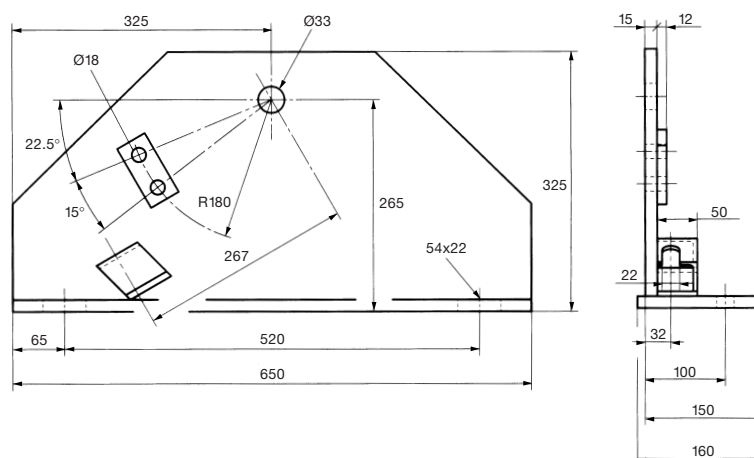
Kit II (always two units per MB 70)



Art. No.	Marking	A	B	C	Weight in kg
13 040 701	Pretensioning device to MB 70	180	227	220	6.53

Side Support to MB 70

Kit III (always 1 left and 1 right support per MB 70)



Art. No.	Marking	Weight in kg
13 530 701	Side support to MB 70 right	33.15
13 530 702	Side support to MB 70 left	33.15