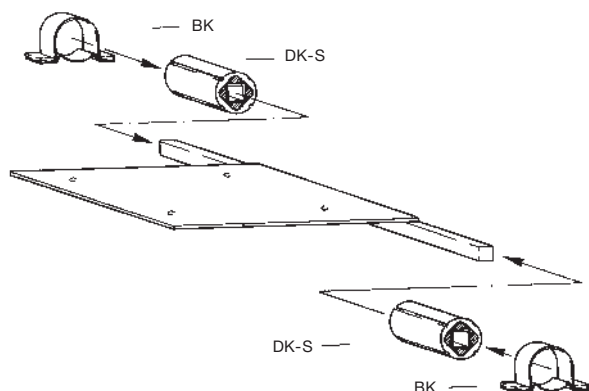




## Motorbase

### Tensioning Motorbases with ROSTA Rubber Suspension Units Type DK-S for Base Plates made by the Customer

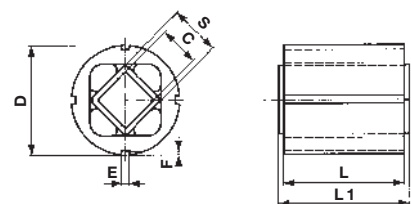
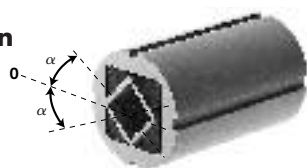


The units type DK-S offer an ideal low-cost design of a motorbase for smaller belt drives where the mechanical components can be made in-house. The motorbase plate, with welded on square section, has a rubber suspension unit type DK-S mounted on both sides. The friction brackets type BK secure the unit and allow for easy positioning of the motorbase. The belt drive is pretensioned by using a hook wrench in the four grooves of the unit housing type DK-S. Check the belt tension using the instructions on page 93, then tighten the brackets.

The unit sizes are selected according to the motor rating table below. Two ROSTA units are used for each motorbase. (Additional unit sizes can be selected on page 22 of this catalogue.)

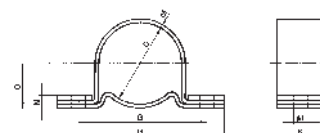
When units types DK-S 27 x 100, DK-S 45 x 100 and DK-S 50 x 120 are used, two brackets type BK are required for each element. Only one bracket is required for units with shorter lengths.

### ROSTA Rubber Suspension Type DK-S



Art. No.	Type	Motor-power kW	Dimensions in mm							Torque in Nm			Weight in kg
			L	L1-0.3	C	D	E	F	S	10°	by α 20°	30°	
01 081 007	DK-S 18 x 30	0.25	30	35	12 <sup>+0.25</sup> <sub>0</sub>	45 <sup>+0.4</sup> <sub>0</sub>	5	2.5	18	4.5	11.0	20.6	0.13
01 081 008	DK-S 18 x 50	0.5	50	55	12 <sup>+0.25</sup> <sub>0</sub>	45 <sup>+0.4</sup> <sub>0</sub>	5	2.5	18	7.5	18.3	34.4	0.20
01 081 011	DK-S 27 x 60	0.75	60	65	22 <sup>+0.25</sup> <sub>0</sub>	62 <sup>+0.5</sup> <sub>0</sub>	6	3	27	16.0	40.3	85.5	0.40
01 081 012	DK-S 27 x 100	1.1	100	105	22 <sup>+0.25</sup> <sub>0</sub>	62 <sup>+0.5</sup> <sub>0</sub>	6	3	27	26.7	67.2	142.5	0.66
01 081 013	DK-S 38 x 60	1.5	60	70	30 <sup>+0.25</sup> <sub>0</sub>	80 <sup>+0.6</sup> <sub>0</sub>	7	3.5	38	30.4	78.0	162.0	0.72
01 081 014	DK-S 38 x 80	2.2	80	90	30 <sup>+0.25</sup> <sub>0</sub>	80 <sup>+0.6</sup> <sub>0</sub>	7	3.5	38	40.5	104.0	216.0	0.94
01 081 016	DK-S 45 x 80	3.0	80	90	35 <sup>+0.25</sup> <sub>0</sub>	95 <sup>+0.8</sup> <sub>0</sub>	8	4	45	62.4	160.0	320.0	1.35
01 081 017	DK-S 45 x 100	4.0	100	110	35 <sup>+0.25</sup> <sub>0</sub>	95 <sup>+0.8</sup> <sub>0</sub>	8	4	45	78.0	200.0	400.0	1.65
01 081 019	DK-S 50 x 120	5.5	120	130	40 <sup>+0.25</sup> <sub>0</sub>	108 <sup>+1</sup> <sub>0</sub>	8	4	50	133.0	395.0	780.0	2.55
01 081 019	DK-S 50 x 120	7.5	120	130	40 <sup>+0.25</sup> <sub>0</sub>	108 <sup>+1</sup> <sub>0</sub>	8	4	50	133.0	395.0	780.0	2.55

### Clamp Type BK



Art. No.	Type	Dimensions in mm							Weight in kg
		D	G	H	Ø I	K	M	N	
01 520 003	BK 18	45	68	90	8.5	30	2	8	0.14
01 520 004	BK 27	62	92	125	10.5	35	2.5	10	0.29
01 520 005	BK 38	80	115	150	12.5	40	3	11	0.45
01 520 006	BK 45	95	130	165	12.5	45	3.5	13	0.68
01 520 007	BK 50	108	152	195	16.5	50	4	15	0.93