

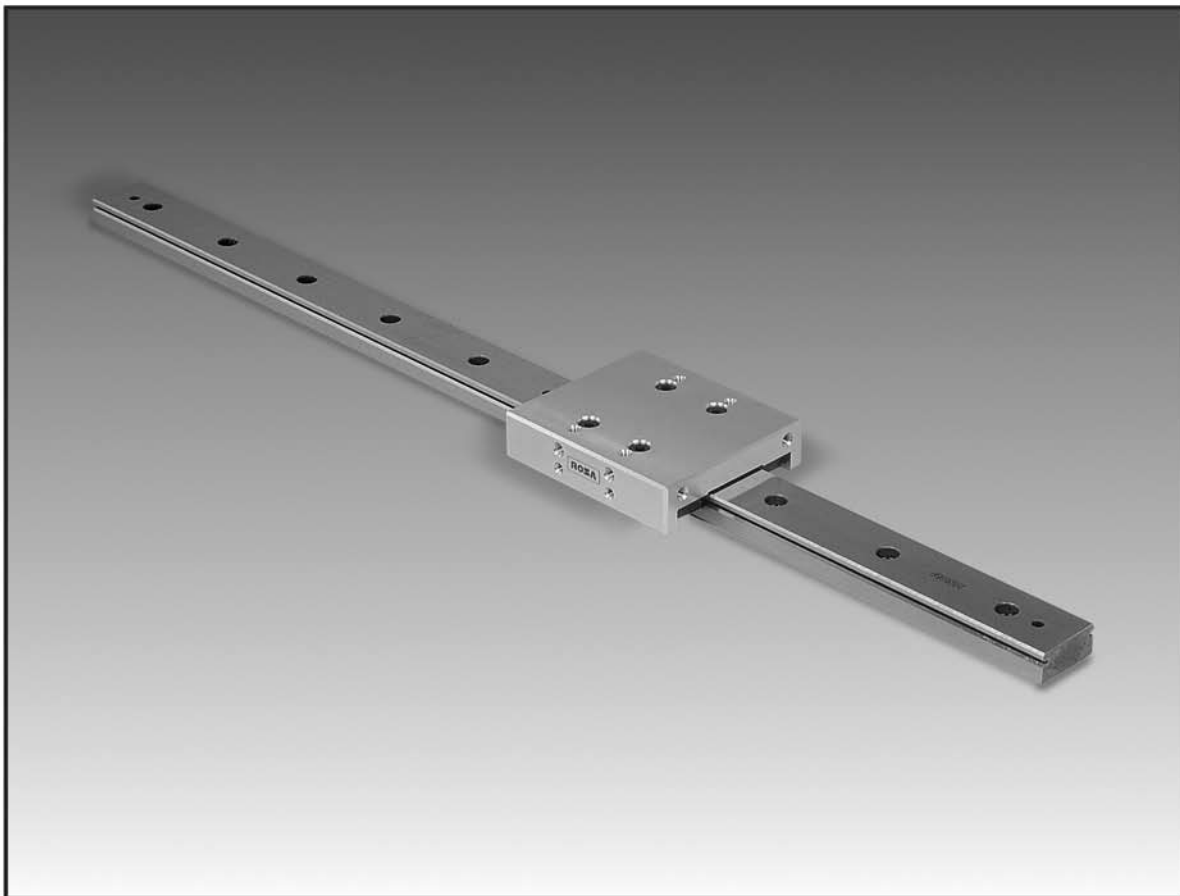
The tables TRKD are composed of an upper structure made of aluminium alloy which incorporates two recirculating linear ball bearings. This unit rides on a rail type GRD.

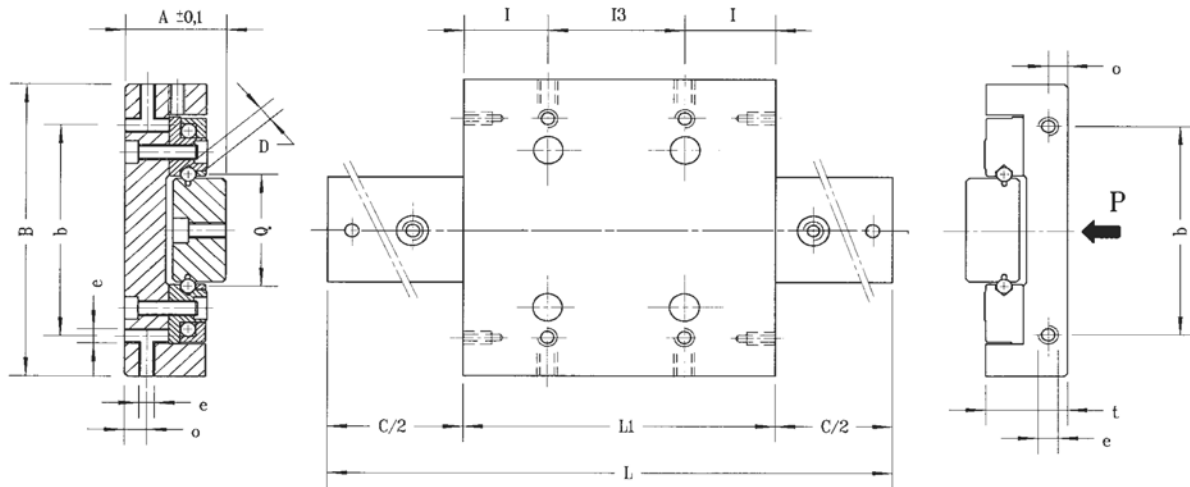
Such an assembly allows for long travel distance, limited only by the rail length. The rail GRD was previously described. It is obvious that the performance of the system is directly related to the type of recirculating linear ball bearing employed.

The ratings vary between 850 N and 3300 N and the maximum velocity is 120 m/min.

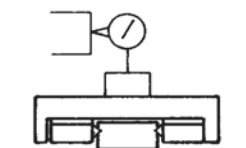
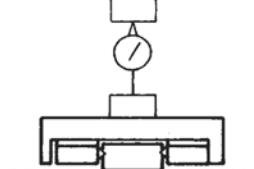
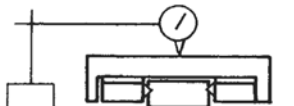
Max admitted acceleration: 50m/sec²

It is possible to assemble more translating units on the same rail-their height matching can be requested when ordering.





Designation	Stroke C	A	B	L	L ₁	Q	L _g	D	b	e	I	I ₃	o	t	Maximum allowable load (N)
TRKD3 200	120	22,5	70	200	80	28	48	3	53	M4	27,5	25	5	18,5	850
TRKD3 300	220			300											
TRKD3 400	320			400											
TRKD3 500	420			500											
TRKD6 200	95	36	120	200	105	45	60	6	86	M6	27,5	50	8	31	1430
TRKD6 300	195			300											
TRKD6 400	295			400											
TRKD6 500	395			500											
TRKD6 600	495			600											
TRKD6 700	595			700											
TRKD6 800	695			800											
TRKD6 900	795			900											
TRKD6 1000	895			1000											
TRKD9 300	145	49	180	300	155	72	90	9	126	M8	27,5	100	10	43	3300
TRKD9 400	245			400											
TRKD9 500	345			500											
TRKD9 600	445			600											
TRKD9 700	545			700											
TRKD9 800	645			800											
TRKD9 900	745			900											
TRKD9 1000	845			1000											

Tolerance μm	 Lateral parallelism checked on the entire stroke	 Parallelism checked on the entire stroke	 Parallelism of upper portion measured on the center line
Designation			
TRKD3 200	10	4	15
300	10	5	20
400	16	7	20
500	24	7	20
TRKD6 200	10	4	15
300	10	5	20
400	18	8	20
500	24	8	20
600	10	8	25
700	15	9	25
800	18	9	25
900	24	9	25
1000	26	10	25
TRKD9 300	10	5	20
400	10	6	25
500	10	7	25
600	10	8	30
700	12	9	30
800	12	9	30
900	14	10	30
1000	14	10	30