

Linear guideways

RG/QR series

3.6.7 Load ratings and torques

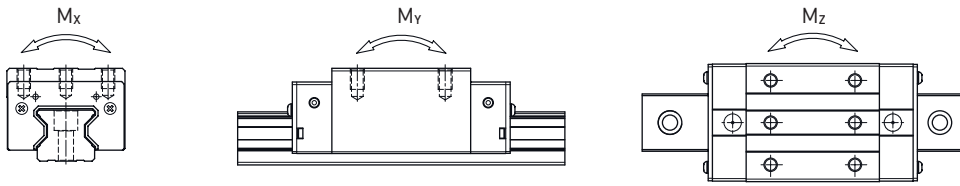


Table 3.95 Load ratings and torques for RG/QR series

Series/Size	Dynamic load rating C_{dyn} [N] ¹⁾	Static load rating C_0 [N]	Static moment [Nm]		
			M_{0x}	M_{0y}	M_{0z}
RG_15C	11,300	24,000	311	173	173
RG_20C	21,300	46,700	647	460	460
RG_20H	26,900	63,000	872	837	837
RG_25C	27,700	57,100	758	605	605
QR_25C	38,500	54,400	722	627	627
RG_25H	33,900	73,400	975	991	991
QR_25H	44,700	65,300	867	907	907
RG_30C	39,100	82,100	1,445	1,060	1,060
QR_30C	51,500	73,000	1,284	945	945
RG_30H	48,100	105,000	1,846	1,712	1,712
QR_30H	64,700	95,800	1,685	1,630	1,630
RG_35C	57,900	105,200	2,170	1,440	1,440
QR_35C	77,000	94,700	1,955	1,331	1,331
RG_35H	73,100	142,000	2,930	2,600	2,600
QR_35H	95,700	126,300	2,606	2,335	2,335
RG_45C	92,600	178,800	4,520	3,050	3,050
QR_45C	123,200	156,400	3,959	2,666	2,666
RG_45H	116,000	230,900	6,330	5,470	5,470
QR_45H	150,800	208,600	5,278	4,694	4,694
RG_55C	130,500	252,000	8,010	5,400	5,400
RG_55H	167,800	348,000	11,150	10,250	10,250
RG_65C	213,000	411,600	16,200	11,590	11,590
RG_65H	275,300	572,700	22,550	22,170	22,170

¹⁾ Dynamic load rating for 100,000 m travel path