

5.4. Equivalent Factor

Table 5 below and table 6 on page B-22 show equivalent radial load factors calculated under a moment load.

5.4.1. Table of Equivalent Factors for Ball Spline Model LBS

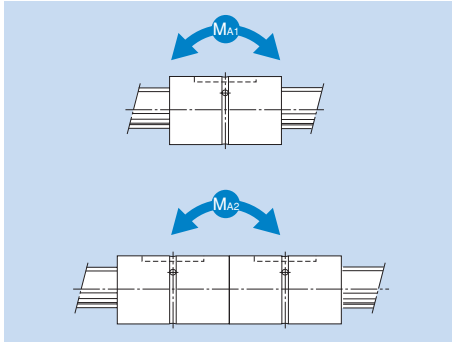


Table 5

Model No.	Equivalent factor: K	
	Single spline nut	Two spline nuts in close contact with each other
LBS 6	0.61	0.074
LBS 8	0.46	0.060
LBS 10	0.54	0.049
LBS 15	0.22	0.022
LBS 20	0.24	0.03
LBST 20	0.17	0.027
LBS 25	0.19	0.026
LBST 25	0.14	0.023
LBS 30	0.16	0.022
LBST 30	0.12	0.02
LBS 40	0.12	0.017
LBST 40	0.1	0.016
LBS 50	0.11	0.015
LBST 50	0.09	0.014
LBST 60	0.08	0.013
LBS 70	0.1	0.013
LBST 70	0.08	0.012
LBS 85	0.08	0.011
LBST 85	0.07	0.01
LBS 100	0.08	0.009
LBST 100	0.06	0.009
LBST 120	0.05	0.008
LBST 150	0.045	0.006

Note 1: Values of equivalent factor K for model LBF are the same as that for model LBS.

Note 2: Values of equivalent factor K for models LBR, LBG, LBGT and LBH are the same as that for model LBST. However, the values for model LBF60 are the same as that for model LBST60, and the values for model LBH15 are the same as that for model LBS15.

5.4.2 Table of Equivalent Factors for Ball Spline Model LT

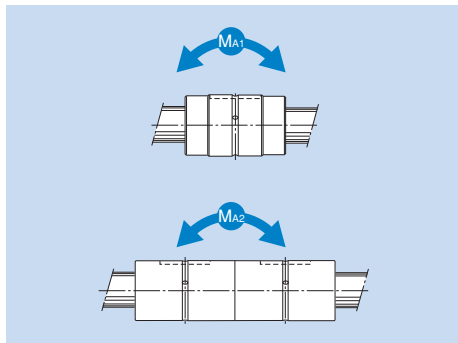


Table 6

Model No.	Equivalent factor: K	
	Single spline nut	Two spline nuts in close contact with each other
LT 4	0.65	0.096
LT 5	0.55	0.076
LT 6	0.47	0.06
LT 8	0.47	0.058
LT 10	0.31	0.045
LT 13	0.3	0.042
LT 16	0.19	0.032
LT 20	0.16	0.026
LT 25	0.13	0.023
LT 30	0.12	0.02
LT 40	0.088	0.016
LT 50	0.071	0.013
LT 60	0.07	0.011
LT 80	0.062	0.009
LT 100	0.057	0.008

Note: Values of equivalent factor K for model LF are the same as that for model LT.