

Technical Data for Mounted Ball Screws

Dynamic load ratings for ball screw

Unit size		Nominal \varnothing in [mm]	Pitch in [mm]	C_{dyn} [N]
Beta 40 Beta 50-C	Delta 90	12	5 10	3800 4300
Beta 70-C	Delta 110-C	16	5 10 20 40	12800 14300 8100 8500
Beta 60 Beta 80 Beta 100-D	Delta 145-C	20	5 10 20 50	14600 13500 11500 12300
Beta 80-SGV Beta 110 Beta 140(-C)		25	5 10 25 50	16100 15100 15800 14500
Beta 110-C-SGV Beta 120-C Beta 180(-C)	Delta 200 Delta 240(-C)	32	5 10 20 40 60	26200 33100 30200 15200 14100
Beta 165 Beta 110-C-SGV		40	5 10 20 40	23800 38000 33300 35000
Beta 165-C-SGV Beta 165-C-SSF		50	10 20	68700 60000
Alpha 15B		20	5 20	14600 13500 11500 12300
Alpha 20B		25	5 10 25	16100 15100 15800 14500
Alpha 30B		32	5 10 20 40	26200 33100 30200 15200
Alpha 35B		40	5 10 20 40	29100 50000 37900 37000

(Dynamic load rating for ball screw nut in accordance with DIN 69051, 1989)