Inquiry form linear guideway service life calculation

Contact

Company

Street

ZIP City

Name

Telephone

Telefax

E-mail

Date

1. Type of application   Number of rails/axis: ____   Number of carriages/rail: ____

2. Installation position

☐ Horizontal   ☐ Vertical   ☐ Slanting

☐ Table installation   ☐ Slanting in direction of rail _____ °

☐ Wall installation   ☐ Slanting transversely to rail _____ °

3. Load data

Mass to be moved [kg]	m1 = _____	m2 = _____	m3 = _____	m4 = _____
Load [N]	F1 = _____	F2 = _____	F3 = _____	F4 = _____
Speed [1/min]	n1 = _____	n2 = _____	n3 = _____	n4 = _____
Acceleration [m/sxs]	a1 = _____	a2 = _____	a3 = _____	a4 = _____
Travel distance [mm]	s1 = _____	s2 = _____	s3 = _____	s4 = _____

If time is specified:

Time [%]	t1 = _____	t2 = _____	t3 = _____	t4 = _____

4. Ambient conditions

☐ Clean   ☐ Swarf   ☐ Dust   ☐ Humidity

Operating temperature [° C]   min. _____   max. _____

5. Cycle data

Shift operation   ☐ 1-shift   ☐ 2-shift   ☐ 3-shift

Required service life: Cycles _____   Years _____

Remarks