

Name: _____
Company: _____
Address: _____

Tel: _____ Fax: _____
E-mail: _____



Loads

For a calculation or a quotation with approximate features of a hydrostatic type of your guide way, we have to calculate the maximum forces on the hydrostatic pockets. Therefore, we need following forces with point of application and direction:

1. Maximum weight and position of the center of mass of complete slide
2. Maximum weight and position of changing build up construction and workpieces.
3. Maximum force and position of leaddrive and max. acceleration.
4. Size, direction and points of application of max. machining forces

Please give us a drawing of section and a front view of the guide system with size and position measures of the guidesurfaces and position and direction of on the guideway working forces.

Data

If available, please provide the following:

Oil Viscosity: VG _____ [cSt at 40°C] Pump Pressure _____ [bar]
Max. Speed: _____ [m/min] Max. Acceleration _____ [m/min]
Min. Oil Temperature: _____ [°C] (15°C) Max. Oil Temperature: _____ [°C] (35°C)
Min. Stiffness On center of slide On edge of slide
Vertical - Direction 1: _____ [N/μm] _____ [N/μm]
Horizontal - Direction 2: _____ [N/μm] _____ [N/μm]
Smallest Movement: _____ [μm] Annual Quantity: _____ [pieces]
Production Precision (Parallelism): _____ on length of pockets _____ on length of the slide
Project Goals: _____

Machine Description: _____
