

# Fax Questionnaire

## on Compact Drives

Please complete in block capitals!



Sender:

Name, Christian name

Company, Department

Post code, Town

Telephone (extension)

Fax

Recipient:

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for the attention of (if known)

**Fax-No. +43 1 8923883**

**Type of machine:** \_\_\_\_\_

**Operation:**

Single stroke

Continuous running

**Max. press or shear force**

F = \_\_\_\_\_

kN

**Working angle from BDC**

$\alpha$  = \_\_\_\_\_

degrees

**Working height from BDC**

h = \_\_\_\_\_

mm

**Eccentric radius**

r = \_\_\_\_\_

mm

**Length of the connecting rod**

l = \_\_\_\_\_

mm

**Flywheel speed**

$n_s$  = \_\_\_\_\_

min<sup>-1</sup>

**Compact drive output speed**

$n_{ab}$  = \_\_\_\_\_

min<sup>-1</sup>

**Eccentric speed**

$n_E$  = \_\_\_\_\_

min<sup>-1</sup>

**Individual strokes per min.**

inching speed

$n_E$  = \_\_\_\_\_

z = \_\_\_\_\_ min<sup>-1</sup>

working speed

$n_E$  = \_\_\_\_\_

z = \_\_\_\_\_ min<sup>-1</sup>

**Moment of inertia of all masses to be accelerated referred to the drive shaft-**

**Compact Drive**

I = \_\_\_\_\_

kgm<sup>2</sup>

Variation in I if changeable

\_\_\_\_\_

**Load torque when braking**

$M_L$  = \_\_\_\_\_

Nm

Variation in  $M_L$  if changeable

\_\_\_\_\_

**Required braking angle**

$\beta$  = \_\_\_\_\_

degrees

**Required braking time**

$t_{Br}$  = \_\_\_\_\_

s

**Actuation method of clutch/brake combination**

Pneumatic

Hydraulic

**Shaft diameter**

output side - compact drive

d = \_\_\_\_\_

mm

**Flywheel design**

**Required outside diameter**

$D_s$  = \_\_\_\_\_

mm

**Width**

$B_s$  = \_\_\_\_\_

mm

**Required moment of inertia**

$I_s$  = \_\_\_\_\_

kgm<sup>2</sup>

**Required flywheel energy available at working speed**

$n_E$  = \_\_\_\_\_

min<sup>-1</sup>

W = \_\_\_\_\_

kJ

**Permissible drop in speed**

$\Delta n$  = \_\_\_\_\_

%

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EN 10.04.00

Edition 08.2004