

## **Fax form**

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# BELT PULLEYS

Full power. Full program.

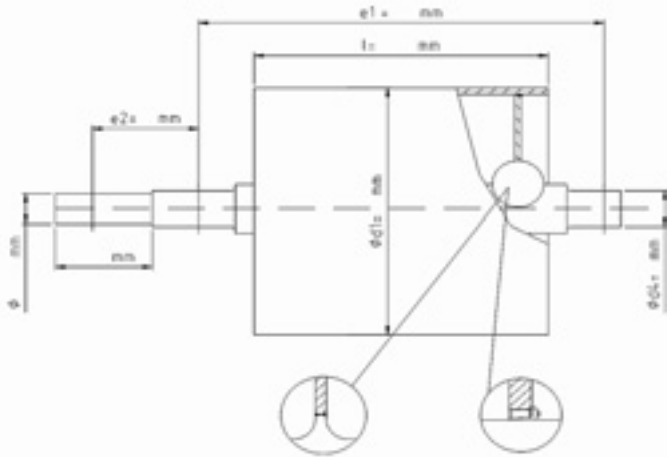
Company: .....

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## 1. Type of belt pulley

- > Drive pulley 1-shaft / 2-shaft :
- > Tail pulley :
- > snub pulley :

## 2. Belt pulley construction principle (Doppstadt)

- > Tensioning set design :
- > Welded design :
- > Special design :

## 3. Technical Data of the pulley

- > max. resulting belt tension R max : ..... kN
- > max. belt tension in a strand T : ..... kN
- > arc of contact  $\alpha$  : ..... °
- > max. resulting torque Mt max : ..... kNm
- > max. radial load of gearing and righting moment F max : ..... kN
- > Type and dimension of gearing / type and dimension of coupling : .....
- > Belt width b : ..... mm
- > Face length l : ..... mm
- > Belt pulley diameter d1 : ..... mm
- > Belt pulley design cylindric / crowned
- > Bearing centre distance e1 : ..... mm
- > Centre distance; bearing – gearing e2 : ..... mm
- > Belt speed v : ..... m/s
- > Bearing dimension (spherical roller bearing) : .....
- > Service life, if >30.000 h L : ..... h
- > Balancing static / dynamic

## 4. Bearings

- > Pillow block bearing :
- > Sliding bearing :
- > Tension bearing :
- > Special bearings :

## 5. Sealings

- > Taconite seal :
- > Labyrinth seal :
- > Two-lip seal :
- > Rotary shaft seal :

## 6. Belt pulley lagging

### Belt pulley lagging (hot-vulcanized):

- > 20 mm thick with waffle-type structure 250 x 50 65 ± 5 Shore A :
- > 20 mm thick with harringbone pattern 65 ± 5 Shore A :
- > 30 mm thick with waffle-type structure 50 x 50 60 ± 5 Shore A :
- > 15 mm thick, plain 60 ± 5 Shore A :
- > 15 mm dick, plain, crowned 60 ± 5 Shore A :
- > 20 mm dick, plain, crowned 60 ± 5 Shore A :
- > Special cover: ..... pattern: ..... ..... ± ..... Shore A :

### Belt pulley lagging (cold-vulcanized):

- > Rhombic design 86 x 50 60 ± 5 Shore A :
- Thicknesses from 8 to 20 mm :
- > Rhombic design 35 x 18 60 ± 5 Shore A :
- Thicknesses from 8 to 15 mm :
- > Plain 60 ± 5 Shore A :
- Thicknesses from 8 to 15 mm :
- > Naps 60 ± 5 Shore A :
- Thicknesses from 12 to 18 mm :
- > Special lagging :

## Ceramic lagging

- > Ceramic stones in rubber napped CK :
- > Ceramic stones in rubber plain CP :
- > Rubber – Ceramics Ceragrip :
- > Rubber – Ceramics Cerasint :
- > Solid-ceramic :
- > Special lagging :

## 7. General specifications

- > Location of application: climate : .....
- Temperature : .....
- Relative humidity of air : .....
- Material to be conveyed : .....
- > Paint: ..... (RAL-Number)

