



Proof of strength

ZM3 calculates tangential force, permissible belt force and belt tension.

Text Printout

The calculation results and input data can be printed on any Windows printer. Alternatively, ZM3 can generate a HTML or TXT file, or directly load the results with MS-Excel.

Quick View

Quick views show calculation results with drawings and diagrams altogether on one screen.

Drawings

Drawings of pulleys and belt profile can be displayed on screen, printed out or exported as true-scale drawings to CAD via DXF or IGES interfaces.

Production Drawings

ZM3 generates a complete manufacturing drawing of the pulleys with drawings and tables and ISO 7200 data field. Drawing info and modifications can be entered in the program. The drawings may be printed directly, or loaded into CAD via DXF or IGES interface.

CAD Interface

Drawings and diagrams can be exported to CAD via the DXF or IGES interfaces.

STL Interface

Pulleys can be generated as STL file and printed with your 3D printer.

HEXAGON Help System

As with all HEXAGON programs ZM3 can provide you with a help text and auxiliary picture for each input. Help texts and auxiliary pictures can be modified and appended by the user as required. When error messages appear you can have a description and remedy suggestion displayed.

Units

ZM3 can be switched between metric units (mm, N,MPa) and imperial units (inch, lbf, psi).

System Requirements

ZM3 is available as 32-bit app or as 64-bit app for Windows 7, 8, Windows 10.

Scope of Delivery

Software with user manual (pdf), non-expiring perpetual license with update rights.

Guarantee

HEXAGON gives a 24 month guarantee on full functionality of the software. We provide help and support by email without extra charge. HEXAGON Software is continuously improved and updated. Registered users are regularly kept informed of updates and new editions.