DRAFT TANZANIA STANDARD

(Draft for comments only)

Dimensions and output series for rotating electrical machines - Part 1: Frame numbers 56 to 400 and flange numbers 55 to 1080

TANZANIA BUREAU OF STANDARDS
1 National Foreword

This draft Tanzania Standard has been prepared by the Electrical Equipment Technical Committee, under the supervision of the Electrotechnical Divisional Standards Committee (EDC)

This draft Tanzania Standard is identical to International Standard IEC 60072-1:1991 Dimensions and output series for rotating electrical machines - Part 1: Frame numbers 56 to 400 and flange numbers 55 to 1080, which has been prepared by the International Electrotechnical Commission.

This second edition draft Tanzania Standard replaces TZS 1223:2009 Low-voltage switchgear and controlgear – Part 1 – General rules, which has become technically revised due to international developments.

2 Terminology and conventions

Some terminologies and certain conventions are not identical with those used in Tanzania standards; attention is drawn especially to the following:

1) The comma has been used as a decimal marker for metric dimensions. In Tanzania Standards, it is current practice to use “full point” on the baseline as the decimal marker.

2) Where the words “International Standard(s)” appear, referring to this standard they should read “Tanzania Standard(s)”. 
DIMENSIONS AND OUTPUT SERIES
FOR ROTATING ELECTRICAL MACHINES
Part 1: Frame numbers 56 to 400 and flange numbers 55 to 1080

1. **Scope**

This part of IEC 72 covers the majority of rotating electrical machines for industrial purposes within the dimension range:

- **Foot-mounted**: shaft-heights: 56 mm to 400 mm
- **Flange-mounted**: pitch circle diameter of flange: 55 mm to 1080 mm
It gives tables of fixing dimensions, shaft extension dimensions and output powers. Maximum permissible torques for continuous duty on a.c. motors are listed for various shaft diameters.

NOTE — The dimensions for machines with shaft heights 355 mm and 400 mm, given in this standard, are included among the values given in IEC 72-2.