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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 4460-2013

Replacing GB/T 4460-1984

**Mechanical drawings -- Graphical symbols for kinematic
diagrams**

机械制图 机构运动简图用图形符号

(English Translation)

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Foreword

This standard was drafted in accordance with GB/T 1.1-2009 given rules.

This standard replaces GB/T 4460-1984 "mechanical drawing Kinematic Diagram symbol."
this standard and GB/T 4460-1984 compared to the main technical changes are as follows.

--- The standard name was changed to "mechanical drawing Kinematic diagrams -
Graphical symbols";

--- Increase the "scope", "Normative references" and add relevant content;

--- Increased Chapter 3, "line graph", and add relevant content;

--- Revised Chapter 4 ~ Chapter 12 chapter name, consistent with the standard name;

--- Increased in Tables 1 to 9 of the table name;

--- Revised Table 1 "reciprocation" Legend number is 4.9, the table classification has been
adjusted;

--- Increased 12.1 a basic symbol table belt drive 9 to the ISO 3952-4:1997 agreement;

--- An increase of 12.7 points in Table 9 head of symbols available to the ISO 3952-4:1997
agreement;

--- Included in Appendix A to Chapter 9 of the standard text.

This standard is prepared to re-translate the reference ISO 3952-4:1997 "Kinematics simple notation - Part 4. complex organization and their components" from the Grass, belongs not equivalent.

This standard by the National Technical product documentation Standardization Technical Committee (SAC/TC146) and focal points.

This standard was drafted. the machine Productivity Promotion Center, Beijing Branch New Era Information Technology Co., Hefei, Beijing Joint Information Technology Co., the company, China Electronics Technology Group Corporation 28th Research Institute, Anhui Bolton Heavy Industries Co., Ltd., Anhui Hongqiao Metal Manufacturing Co., Ltd., co Fertilizer Industry University, Jiangsu Institute of Technology, Dalian Maritime University.

1 Scope

This standard specifies the kinematic diagram graphic symbols used.

This standard applies to Draw the Kinematic diagram.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version suitable for use herein Member. For undated references, the latest edition (including any amendments) applies to this document.

GB/T 4457.4 Mechanical drawings Fatou line GB/T 4459.4 Mechanical drawings spring notation GB/T 17450 Technical Drawing Chart Chart 3 3.1 constituting the mechanical motion Graphical symbols for diagrams of plots shall comply with GB/T 4457.4 and GB/T 17450 of.

Chart 3.2 application graphic symbols represent the axis, double bar symbol thick solid line (2d, d is the thick solid line width) said.

4 Member institutions Kinematic Diagram Graphical symbols

Graphical symbols for kinematic diagrams member institutions Table 1.

Table 1 Graphical symbols for kinematic diagrams member institutions

Article No. Name Symbol Remarks basic symbols available

4.1 Linear motion trajectory

Curvilinear motion

4.2 Point movement represents a point along

Trajectory

Points

Instantaneous 4.3 intermediate position pause Linear Motion Rotary motion Stay neutral
position 4.4