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**Pneumatic fluid power — Solenoid
operated valves**

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Foreword

This translation has been made based on the original Japanese Industrial Standard revised by the Minister of Economy, Trade and Industry through deliberations at the Japanese Industrial Standards Committee as the result of proposal for revision of Japanese Industrial Standard submitted by Japan Fluid Power Association (JFPA)/Japanese Standards Association (JSA) with the draft being attached, based on the provision of Article 12 Clause 1 of the Industrial Standardization Law applicable to the case of revision by the provision of Article 14.

Consequently, **JIS B 8373:2009** is replaced with this Standard, and **JIS B 8374:1993** has been withdrawn and replaced with this Standard.

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Pneumatic fluid power — Solenoid operated valves

1 Scope

This Japanese Industrial Standard specifies the solenoid operated valves for pneumatic pressure to be used in the pneumatic pressure system for the mechanical equipment (hereafter referred to as “valves”).

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this Standard. The most recent editions of the standards (including amendments) indicated below shall be applied.

JIS B 0125-1 *Fluid power systems and components — Graphic symbols and circuit diagrams — Part 1 : Graphic symbols for conventional use and data processing applications*

JIS B 0142 *Fluid power systems and components — Vocabulary*

JIS B 0202 *Parallel pipe threads*

JIS B 0203 *Taper pipe threads*

JIS B 2220 *Steel pipe flanges*

JIS B 8370 *Pneumatic fluid power — General rules and safety requirements for systems and their components*

JIS B 8390 *Pneumatic fluid power — Components using compressible fluids — Determination of flow-rate characteristics*

JIS B 8393 *Pneumatic fluid power — Standard reference atmosphere*

JIS B 8419 *Pneumatic fluid power — Directional control valves — Measurement of shifting time and response time*

JIS C 1302 *Insulation resistance testers*

JIS C 4003 *Electrical insulation — Thermal evaluation and designation*

JIS C 4034-1 *Rotating electrical machines Part 1 : Rating and performance*

3 Terms and definitions

For the purpose of this Standard, the terms and definitions given in **JIS B 0142** apply.

4 Graphic symbols

For the purpose of this Standard, the graphic symbols given in **JIS B 0125-1** apply.