

**BUREAU OF INDIAN STANDARDS**  
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**Doc No.: PGD 36 (24419)**  
**IS 15097 : 2023**  
**ISO 6150 : 2018**

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*भारतीय मानक मसौदा*

**वायवीय तरल शक्ति — 1 मे. पास्कल, 1.6 मे. पास्कल, और 2.5 मे. पास्कल (10 बार, 16 बार और 25 बार) के अधिकतम कार्यकारी दाब हेतु बेलनाकार द्रुत कार्यकरण युग्मक — प्लग संयोजन आयाम, विशिष्टियां, अनुप्रयोग के मार्गनिर्देश और परीक्षण**

**(पहला पुनरीक्षण)**

*Draft Indian Standard*

**Pneumatic fluid power — Cylindrical Quick-action Couplings for Maximum Working Pressures of 1 MPa, 1.6 MPa, and 2.5 MPa (10 bar, 16 bar and 25 bar) — Plug Connecting Dimensions, Specifications, Application Guidelines and Testing**

**(First Revision)**

ICS 23.100.40

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Fluid Power Systems Sectional Committee, PGD 36

## NATIONAL FOREWORD

This Indian Standard (First Revision) which is identical with ISO 6150 : 2018 ‘Pneumatic fluid power — Cylindrical quick-action couplings for maximum working pressures of 1 MPa, 1.6 MPa, and 2.5 MPa (10 bar, 16 bar and 25 bar) — Plug connecting dimensions, specifications, application guidelines and testing’ issued by the International Organization for Standardization ( ISO ) will be adopted by the Bureau of Indian Standards on the recommendation of the Fluid Power Systems Sectional Committee and approval of the Production and General Engineering Division Council.

This standard was originally published in 2002 by the adoption of ISO 6150 : 2002. The first revision of this standard has been undertaken to align it with the latest version of ISO 6150. The major changes in this revision are as follows:

- a) References have been updated, and
- b) Minor editorial changes have been made.

The text of ISO Standard has been approved as suitable for publication as an Indian Standard without deviations. Certain conventions are, however, not identical to those used in Indian Standards. Attention is particularly drawn to the following:

- a) Wherever the words ‘International Standard’ appear referring to this standard, they should be read as ‘Indian Standard’.
- b) Comma (,) has been used as a decimal marker while in Indian Standards, the current practice is to use a point (.) as the decimal marker.

In this adopted standard, reference appears to certain International Standards for which Indian Standards also exist. The corresponding Indian Standards, which are to be substituted in their respective places, are listed below along with their degree of equivalence for the editions indicated.

<i>International Standard</i>	<i>Corresponding Indian Standard</i>	<i>Degree of Equivalence</i>
ISO 4414 Pneumatic fluid power — General rules and safety requirements for systems and their components	IS 12725 : 2021/ISO 4414 : 2010 Pneumatic fluid power — General rules and safety requirements for systems and their components <i>(second revision)</i>	Identical
ISO 5598 Fluid power systems and components — Vocabulary	IS 10416 : 2019/ISO 5598 : 2008 Fluid power systems and components — Vocabulary <i>(second revision)</i>	Identical

The technical committee has reviewed the provisions of the following International Standard referred in this adopted standard and has decided that it is acceptable for use in conjunction with this standard:

<i>International Standard</i>	<i>Title</i>
ISO 9227	Corrosion tests in artificial atmospheres — Salt spray tests

For the purpose of deciding whether a particular requirement of this standard is complied with, the final value, observed or calculated expressing the result of a test or analysis, shall be rounded off in accordance with IS 2 : 2022 ‘Rules for rounding off numerical values *(second revision)*. The number of significant places retained in the rounded off value should be the same as that of the specified value in this standard.

**NOTE:** The technical content of draft standard is not available on website. For details, please refer to ISO 6150 : 2018 or contact:

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