

ICS 53.020.30

J 80

Record No. 23152-2008

JB

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

中华人民共和国机械行业标准

JB/T 10833-2008

**The Polyurethane Buffer for Cranes
起重机用聚氨酯缓冲器**

Issued on Feb 01, 2008

Implemented on Jul 01, 2008

**Issued by the National Development and Reform Commission of the People's Republic of
China**

Contents

Foreword	1
1 Scope	1
2 Normative References	1
4 Structural types and basic parameters	2
4.1 Structural types.....	2
4.2 Basic parameter and main dimensions	2
5 Technical requirements	6
5.1 Ambient condition.....	6
5.2 Performance requirements	6
5.3 Material	6
5.4 Appearance requirements.....	6
5.5 Surface coating.....	6
6 Test methods	7
6.1 Determination of material performance	7
6.2 Determination for the restore rate	7
6.3 Determination for basic parameters for the buffer	7
7 Inspection rules	7
7.1 Delivery inspection	7
7.2 Type inspection	7
8 Mark, packing, transportation and storage	8
8.1 Mark.....	8
8.2 Packing.....	8
8.3 Transportation and storage.....	8
9 Quality warranty period	8

Foreword

This Standard is proposed by China Machinery Industry Federation.

This Standard is under the jurisdiction of National Technical Committee 227 on Hoisting Machinery of Standardization Administration of China.

Chief draft units of this Standard: Liaoning Qingyuan No.1 Buffer Manufacture Co., Ltd and Beijing Materials Handling Research Institute (BMHRI).

Participating draft unit of this Standard: Gansu Pingliang Rongkang Business Co., Ltd.

Chief drafters of this Standard: Miao Ming, Yang Wanchun, Wang Shunting, Zhao Chunhui, Gao Qiaohong and Zhang Jianjun.

This Standard is firstly issued.

The Polyurethane Buffer for Cranes

1 Scope

This Standard provided terms, types, basic parameters, technical requirements, testing methods, inspection rules, marks, packing, transportation and storage of polyurethane buffer for cranes (Hereinafter referred to as the buffer).

This Standard is applicable to polyurethane buffer for cranes as well as other buffer units for equipments slowing rigid collision during operation and running terminal.

2 Normative References

The articles contained in the following documents have become this standard when they are quoted herein. For the dated documents so quoted, all the modifications (excluding corrections) or revisions made thereafter shall not be applicable to this Standard. For the undated documents so quoted, the latest editions shall be applicable to this Standard.

GB/T 528 Rubber, vulcanized or thermoplastic - Determination of tensile stress-strain properties (GB/T 528-1998, eqv ISO 37: 1994)

GB/T 700 Carbon structural steels (GB/T 7006-2006, ISO 630: 1995, NEQ)

GB/T 1041 Plastics-Determination of compressive properties (GB/T 1041-1992, idt ISO 604: 1973)

GB/T 2411 Plastics--Shore hardness test (GB/T 2411-1980, eqv ISO 868: 1978)

GB/T 6343 Cellular plastics and rubbers—Determination of apparent (bulk) density (GB/T 6343-1995, eqv ISO 845: 1988)

GB/T 8923 Rust grades and preparation grades of steel surfaces before application of paints and related products (GB/T 8923-1988, eqv ISO 8501: 1988)

GB/T 9286 Paints and varnishes-Cross cut test for films (GB/T 9286-1998, eqv ISO 2409: 1992)

GB/T 13306 Plates

GB/T 13384 General specification for packagings of mechanical and electrical products

3 Terms and Definitions

For the purposes of this Standard, following terms and definitions apply.

3.1

Buffer capacity

The rated impact energy stored when buffer reaches the compression deformation amount of maximum working load.

3.2

Buffer stroke



北京文心雕语翻译有限公司
Beijing Lancarver Translation Inc.

完整版本请在线下单

或咨询：

TEL: 400-678-1309

QQ: 19315219

Email: info@lancarver.com

<http://www.lancarver.com>

线下付款方式：

1. 对公账户：

单位名称：北京文心雕语翻译有限公司

开户行：中国工商银行北京清河镇支行

账 号：0200 1486 0900 0006 131

2. 支付宝账户：info@lancarver.com

注：付款成功后，请预留电邮，完整版本将在一个工作日内通过电子 PDF 或 Word 形式发送至您的预留邮箱，如需索取发票，下单成功后的三个工作日内安排开具并寄出，预祝合作愉快！



银联特约商户