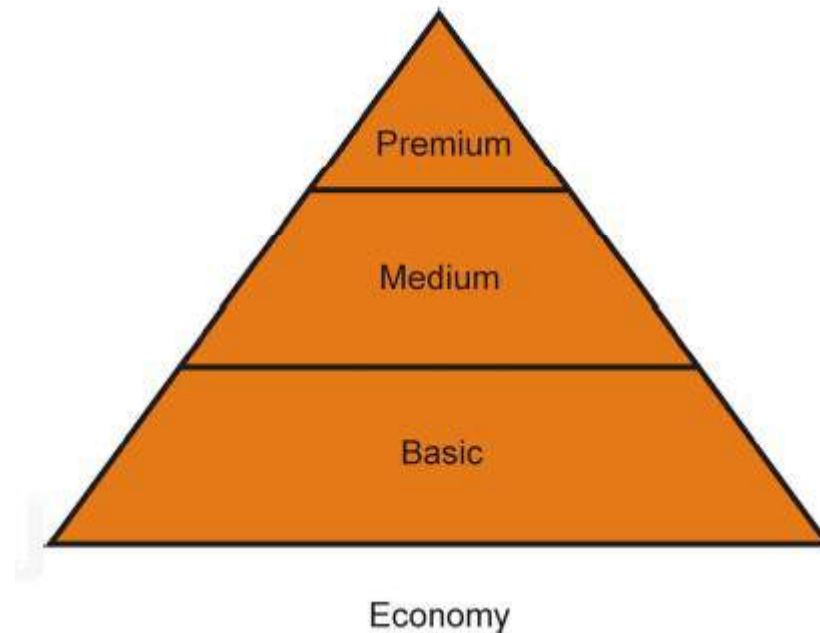


# Products pyramid for Profile cylinders - the assumptions

- **LOBIX XT** (certified, 6/D/C class)
- **DRAGON XT** (certified, 6/D/C class)
- **HEKTOR** (certified, 4/C/B class)
- **ARES** (standard)
- **YETI** (standard)



# Certified Profile cylinders: LOBIX XT

- „bumping” security solution in standard version (test certificate from the Building Research Institute)
- one side 30mm minimum
- lock cylinder with cut and drilled key, six pins vertical and 2-3 on the side
- double-sided, one-sides, with knob solutions
- brass or nickel matt coating
- six pins lock cylinder
- blank key AD190 with profile PKD33 (cut key AD690)
- **Flexo** version – with clutch
- **Duo** version – set of locks cylinders (double-sided and with knob)
- version with gearwheel
- 8 security pins and anti drill plate from hardened steel
- **Vario** version – a solution with the ability to recode of the lock cylinder by second (user) key
- set of cam possibility in one-sides lock cylinder



# Certified Profile cylinders: LOBIX XT

It has been stated that:  
classification according to PN-EN 1303:2015-07

Types	1	2	3	4	5	6	7	8
	Category of use	Durability	Door mass	Suitable for use on fire resistance	Safety	Corrosion resistance and temperature	Key related security	Attack resistance
LOBIX XT LOBIX VARIO XT OPTIMA XT	1	6	0	B	0	C	6	D



ASSA ABLOY, the global leader  
in door opening solutions



# Certified Profile cylinders: DRAGON XT

- one side 30mm minimum
- double-sided, one-sides, with knob solutions
- brass or silver nickel coating
- six pins lock cylinder
- blank key AD135 with profile PKD33 (cut key AD635)
- **Flexo** version – with clutch
- **Duo** version – set of locks cylinders (double-sided and with knob)
- version with gearwheel
- 6 security pins and anti drill plate from hardened steel
- **Vario** version – a solution with the ability to recode of the lock cylinder by second (user) key



# Certified Profile cylinders: DRAGON XT

Product name:

**Profile cylinder**

Type (variants):

**DRAGON XT, DRAGON VARIO XT**

Main features:

Class of protection: **- 6 -** acc. to PN-EN 1303:2015-07

Category of use	No of test cycles/ durability	Door mass	Fire resistance	Safety in use	Corrosion resistance	Protection requirements	Attack resistance
<b>1</b>	<b>6</b>	<b>0</b>	<b>B</b>	<b>0</b>	<b>C</b>	<b>6</b>	<b>D</b>

Class of burglary resistance: **- C -** acc. to KT/402/IMP/2014, July 2014, edition 4

The product fulfills requirements of:

**PN-EN 1303:2015-07, KT/402/IMP/2014, July 2014, ed. 4**

ASSA ABLOY, the global leader  
in door opening solutions

**LOB**  
ASSA ABLOY

**merc**or  
ASSA ABLOY

**CGT&T**  
CONSEIL, GESTION, TRAVAUX ET TECHNIQUE  
[www.cgtt.be](http://www.cgtt.be)

# Certified Profile cylinders: HEKTOR

Product name:  
**Profile cylinder**

Type (variants):  
**HEKTOR, COMFORT PLUS**

Main features:

Class of protection: **- 4 -** acc. to PN-EN 1303:2015-07

Category of use	No of test cycles/ durability	Door mass	Fire resistance	Safety in use	Corrosion resistance	Protection requirements	Attack resistance
1	6	0	B	0	C	4	C

Class of burglary resistance: **- B -** acc. to KT/402/IMP/2014, July 2014, edition 4

The product fulfills requirements of:

PN-EN 1303:2015-07, KT/402/IMP/2014, July 2014, ed. 4



ASSA ABLOY, the global leader  
in door opening solutions

**LOB**  
ASSA ABLOY

**merc**or  
ASSA ABLOY

**CGT&T**  
CONSEIL, GESTION, TRAVAUX ET TECHNIQUE  
[www.cgtt.be](http://www.cgtt.be)

# Certified Profile cylinders

Name of product	LOBIX XT	DRAGON XT	HEKTOR
Pins quantity	6 vertical + 2-3 on the side	6 vertical	5 pionowych
Sizes	from 30 one side	from 30 one side	from 30 one side
Master Key systems	No	No	No
One key systems	Yes	Yes	Yes
Key material	Silver nickiel CDA 13% niklu	Steel, nickel covered	Steel, nickel covered
Key profile	PKD33	PKD33	PKD33
Key head	AD190	AD135	AD135
Key contou			
Key thickness	2,5 mm	2,5mm	2,5mm
Number of effective differs	Over 100 000	Over 100 000	C-a 60000
N1303:2015 classification	6/D/C	6/D/C	4/C/B
bumping solution	Yes	No	No
Security card	Yes, encoded	Yes	Yes

ASSA ABLOY, the global leader  
in door opening solutions

**LOB**  
ASSA ABLOY

**merc**or  
ASSA ABLOY

**CGT&T**  
CONSEIL, GESTION, TRAVAUX ET TECHNIQUE  
[www.cgtt.be](http://www.cgtt.be)

# Certified Profile cylinders

NAZWA HANDLOWA PRODUKTU	LOBIX XT	DRAGON XT	HEKTOR
Coating	Nickiel satin and brass polished	Nickiel and brass polished	Nickiel and brass polished
Material for body and plug	brass	brass	brass
Material of body stoppers	Copper or brass	aluminum	aluminum
Shape of the forehead	spherical	spherical	spherical
Knob WG-10/UWG5C removable			
Gearwheel	optional	optional	optional
Coding pins	body - brass / plug - stainless steel	brass	brass

ASSA ABLOY, the global leader  
in door opening solutions

**LOB**  
ASSA ABLOY

**merc**or  
ASSA ABLOY

**CGT&T**  
CONSEIL, GESTION, TRAVAUX ET TECHNIQUE  
[www.cgtt.be](http://www.cgtt.be)



# Certified Profile cylinders

**INSTYTUT TECHNIKI BUDOWLANEJ**  
**CERTIFICATION DEPARTMENT**  
 ul. POLSKA 1, 00-411 WARSZAWA  
 tel.: +48 22 67 86 167, +48 22 67 86 166, fax: +48 22 67 86 286  
 e-mail: cert@itb.p.lodz.pl, www.itb.pl

**PCA**  
 Polish Centre for Accreditation  
 AC 028

**NATIONAL CERTIFICATE**  
**OF CONSTANCY OF PERFORMANCE**  
 No 020-UWB-2533/W

In compliance with the Ordinance of the Minister of Infrastructure and Construction of 17 November 2016 on the Way of Declaring Performance of Construction Products and Way of Labeling Them with The Construction Mark (Journal of Laws Item 1958) this certificate applies to the construction product:

**Cylinders for locks:**  
**LOBIX XT**  
**LOBIX VARIO XT**  
**OPTIMA XT**

It has been stated that classification according to PN-EN 1303:2015-07

Types	classification according to PN-EN 1303:2015-07							
	1	2	3	4	5	6	7	8
LOBIX XT	1	6	0	B	0	C	6	D
LOBIX VARIO XT	1	6	0	B	0	C	6	D
OPTIMA XT	1	6	0	B	0	C	6	D

covered by product Polish Standard:  
**PN-EN 1303:2015-07**  
 placed on the market under the name or trade mark of:  
**LOB S.A.**  
**ul. Magazynowa 4**  
**64-100 Leszno**  
 and produced in the manufacturing plant:  
**LOB S.A.**  
**ul. Magazynowa 4**  
**64-100 Leszno**

This certificate attests that all provisions concerning the assessment and verification of constancy of performance which refer to the declared performance of the product related to its intended use defined in this certificate, under national system 1 are applied and that:

the producer has implemented the factory production control system to ensure maintaining the constancy of these performances.

Certificate No 020-UWB-2533/W was first issued on 31.07.2017. This certificate will remain valid as long as neither the Polish Standard applied, the AVCP method, the construction product nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the accredited certification body.

DEPUTY HEAD of the Certification Department  
 Magdalena Wojcikowa, M.Sc. Eng.  
 Warszawa, 31.07.2017

DEPUTY DIRECTOR of Instytut Techniki Budowlanej  
 Krzysztof Kuszyński, PhD

The validity of this certificate can be confirmed at [cert@itb.p.lodz.pl](http://cert@itb.p.lodz.pl)

**IMP** INSTITUTE OF PRECISION MECHANICS  
**CERTIFICATION DEPARTMENT**  
 01-790 Warszawa, ul. Duchnicka 3  
 phone 22 663-43-24, 22 560-26-00 e-mail: marek.zetala@imp.edu.pl  
 http://www.imp.edu.pl/cert

**PCA**  
 Polish Centre for Accreditation  
 AC 041

**CERTIFICATE OF CONFORMITY**  
 No. P41/058/2017 (7142)  
**ENGLISH EDITION**

Name and address of the certificate owner:  
**LOB S. A.**  
**64-100 Leszno, ul. Magazynowa 4**

Name and address of the manufacturer:  
**LOB S. A.**  
**64-100 Leszno, ul. Magazynowa 4**

Product name:  
**Profile cylinder**

Type (variants):  
**DRAGON XT, DRAGON VARIO XT**

Main features:  
 Class of protection: **- 6** = acc. to PN-EN 1303:2015-07

Category of use	No of test cycles (durability)	Door class	Fire resistance	Safety in use	Corrosion resistance	Protection (self-cleaning)	Attack resistance
1	6	0	B	0	C	6	D

Class of burglary resistance: **- C** = acc. to KT4021MPP/2014, July 2014, edition 4

The product fulfills requirements of:  
**PN-EN 1303:2015-07, KT4021MPP/2014, July 2014, ed. 4**

Date of expiration and certificate validity conditions: **30 March, 2020**

This certificate is valid from **March 31, 2017** until **March 30, 2020** only for products covered by application No. 015/2017, provided that the technical specification is valid, item fulfills its requirements and there were no major changes in product type, system, conditions and the place of the production.

Certificate of conformity type: "F" acc. to PN-EN ISO/IEC 17067:2014-01.  
 Certificate of conformity issued acc. to the program PC-01 (IMP)

MANAGER  
**CERTIFICATION DEPARTMENT**  
 Marek ZETALA, M.Sc. Eng.

DIRECTOR  
**INSTITUTE OF PRECISION MECHANICS**  
 Tomasz BABUŁA, Ph.D., D.Sc. Eng. prof. IMP

Certificate can be validated only by Certificate Owner without comments, abbreviations and changes.  
 Warsaw, March 31, 2017.

INSTITUTE OF PRECISION MECHANICS Item No. F-2.2.1, edition 5, Mar 21, 2016

**IMP** INSTITUTE OF PRECISION MECHANICS  
**CERTIFICATION DEPARTMENT**  
 01-790 Warszawa, ul. Duchnicka 3  
 phone 22 663-43-24, 22 560-26-00 e-mail: marek.zetala@imp.edu.pl  
 http://www.imp.edu.pl/cert

**PCA**  
 Polish Centre for Accreditation  
 AC 041

**CERTIFICATE OF CONFORMITY**  
 No. P41/056/2017 (7140) Z1  
**ENGLISH EDITION**

Name and address of the certificate owner:  
**LOB S. A.**  
**64-100 Leszno, ul. Magazynowa 4**

Name and address of the manufacturer:  
**LOB S. A.**  
**64-100 Leszno, ul. Magazynowa 4**

Product name:  
**Profile cylinder**

Type (variants):  
**HEKTOR, COMFORT PLUS**

Main features:  
 Class of protection: **- 4** = acc. to PN-EN 1303:2015-07

Category of use	No of test cycles (durability)	Door class	Fire resistance	Safety in use	Corrosion resistance	Protection (self-cleaning)	Attack resistance
1	6	0	0	0	C	4	C

Class of burglary resistance: **- B3** = acc. to KT4021MPP/2014, July 2014, edition 4

The product fulfills requirements of:  
**PN-EN 1303:2015-07, KT4021MPP/2014, July 2014, ed. 4**

Date of expiration and certificate validity conditions: **30 March, 2020**

This certificate is valid from **March 31, 2017** until **March 30, 2020** only for products covered by application No. 014/2017, provided that the technical specification is valid, item fulfills its requirements and there were no major changes in product type, system, conditions and the place of the production.

This certificate substitutes the certificate No. P41/056/2017 (7140) issued on March 31, 2017 in which the entry in the fourth position of the classification has been corrected.

Certificate of conformity type: "F" acc. to PN-EN ISO/IEC 17067:2014-01.  
 Non-mandatory certificate of conformity issued acc. to the program PC-03 (IMP)

MANAGER  
**CERTIFICATION DEPARTMENT**  
 Marek ZETALA, M.Sc. Eng.

DIRECTOR  
**INSTITUTE OF PRECISION MECHANICS**  
 Tomasz BABUŁA, Ph.D., D.Sc. Eng. prof. IMP

Certificate can be validated only by Certificate Owner without comments, abbreviations and changes.  
 Warsaw, May 15, 2017  
 Z1 - revision No. 1

INSTITUTE OF PRECISION MECHANICS Item No. F-2.2.1, edition 5, Mar 21, 2016

ASSA ABLOY, the global leader  
 in door opening solutions

