

ТИПОВЫЕ КОНСТРУКЦИИ, ИЗДЕЛИЯ И УЗЛЫ ЗДАНИЙ И СООРУЖЕНИЙ

СЕРИЯ 1.020.1-4

КОНСТРУКЦИИ РАМНОГО КАРКАСА МЕЖВИДОВОГО ПРИМЕНЕНИЯ
ДЛЯ МНОГОЭТАЖНЫХ ОБЩЕСТВЕННЫХ ЗДАНИЙ, ПРОИЗВОДСТВЕННЫХ
И ВСПОМОГАТЕЛЬНЫХ ЗДАНИЙ ПРОМЫШЛЕННЫХ ПРЕДПРИЯТИЙ

выпуск 0-9

УКАЗАНИЯ ПО ПОДБОРУ ЭЛЕМЕНТОВ КАРКАСА.

(Вариант армирования изделий сталью классов Ат-IVC и Врп-I).

часть 2

СТР 112-239

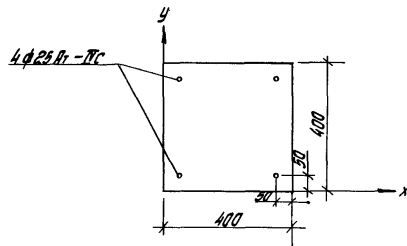
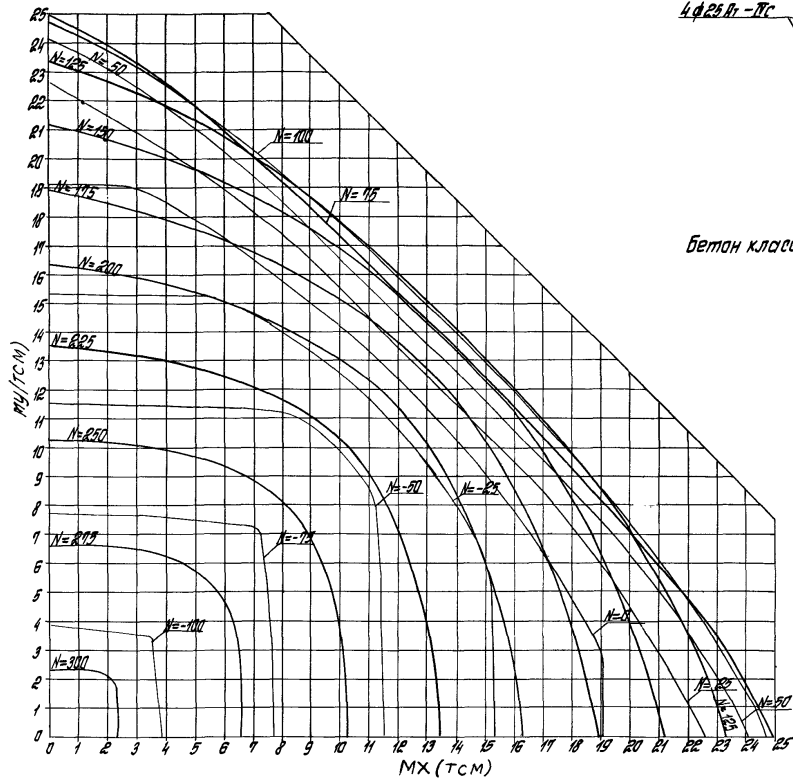
Книга 1

СТР. (112-175)

НАЧАЛО

24 166-02

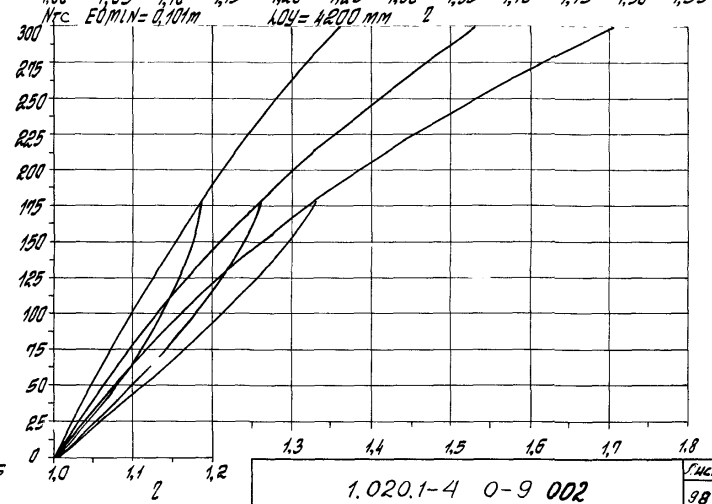
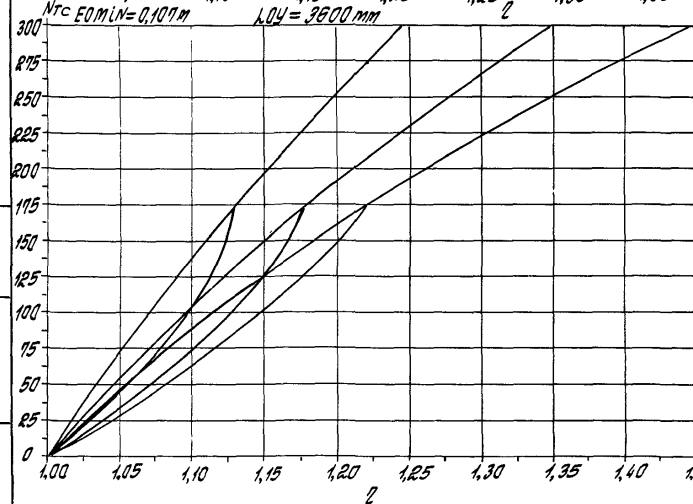
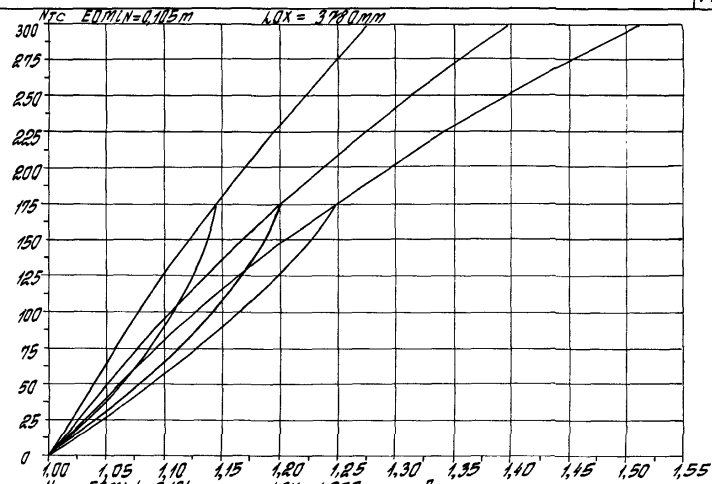
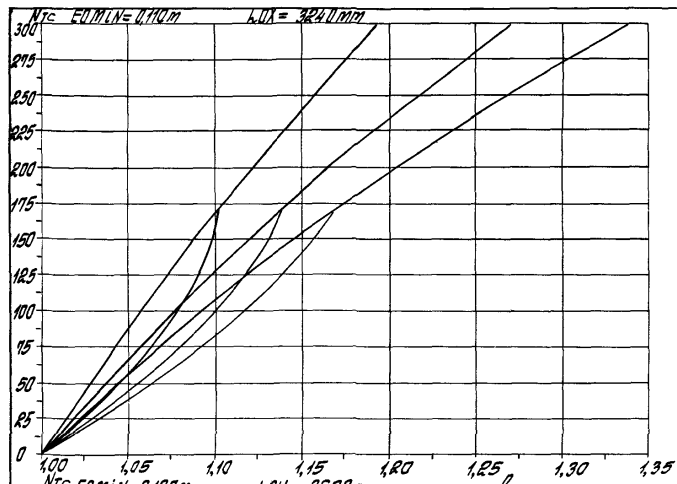
ЦЕНА 9-88



Бетон класса В22,5 ($R_{B2} = 14,3 \text{ МПа}$ при учете $\gamma_{B2} = 1,10$)
 Сталь класса А-I-TC
 Код сечения -113а

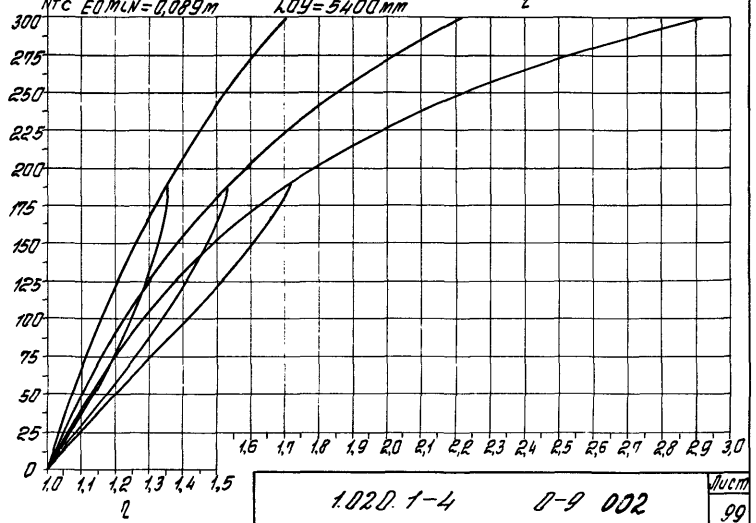
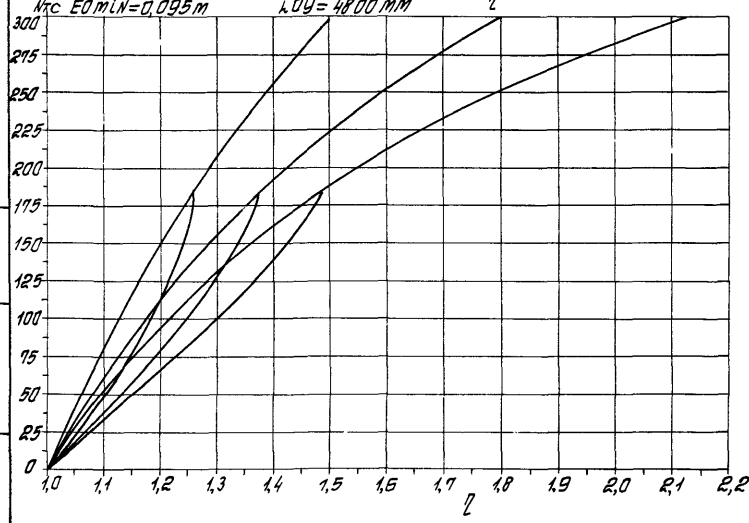
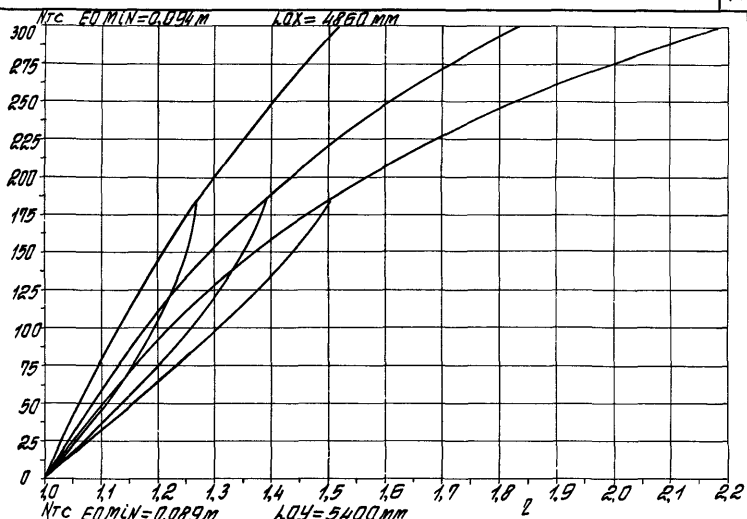
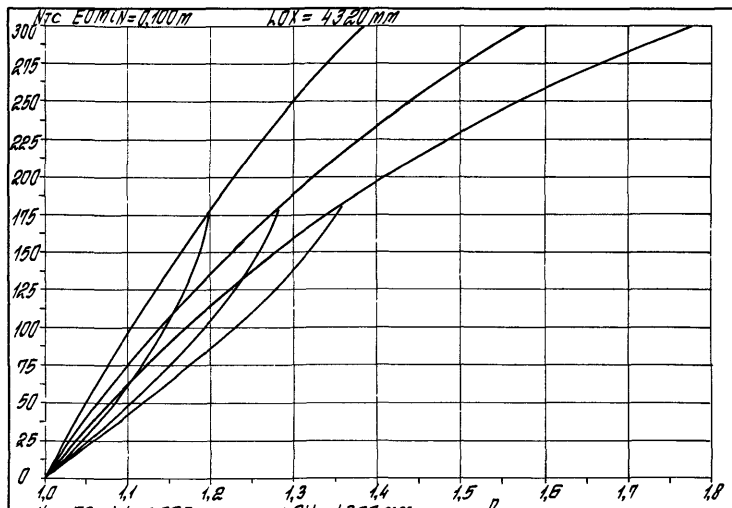
1.020.1-4 0-9 002

Лист
 97



1.020.1-4 0-9 002

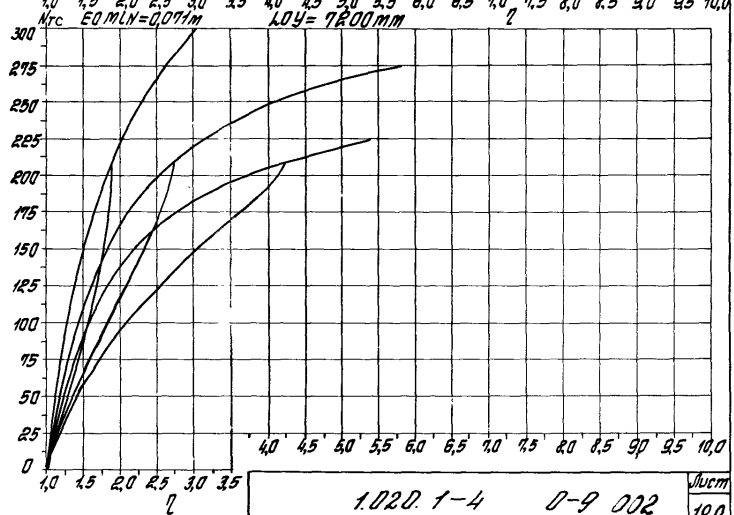
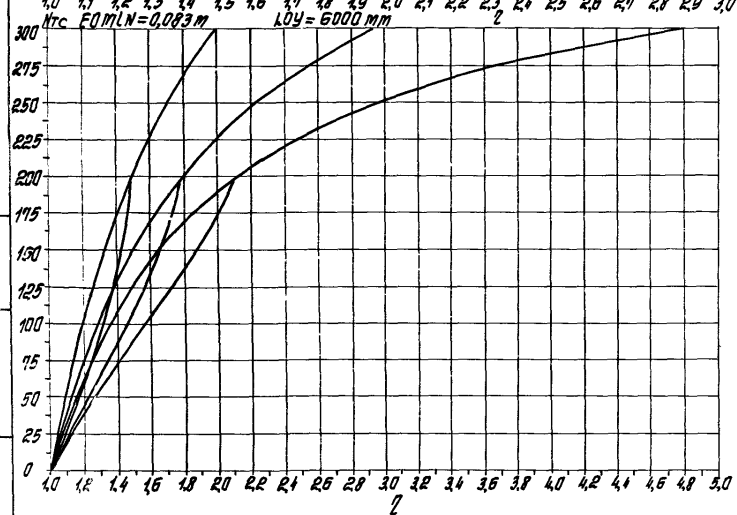
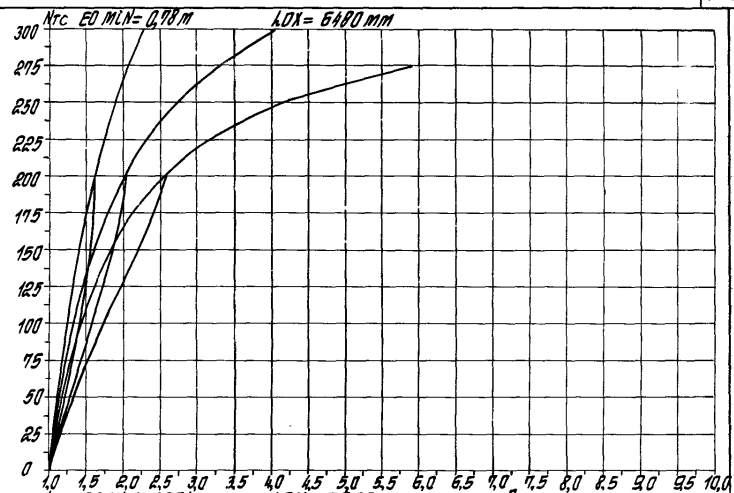
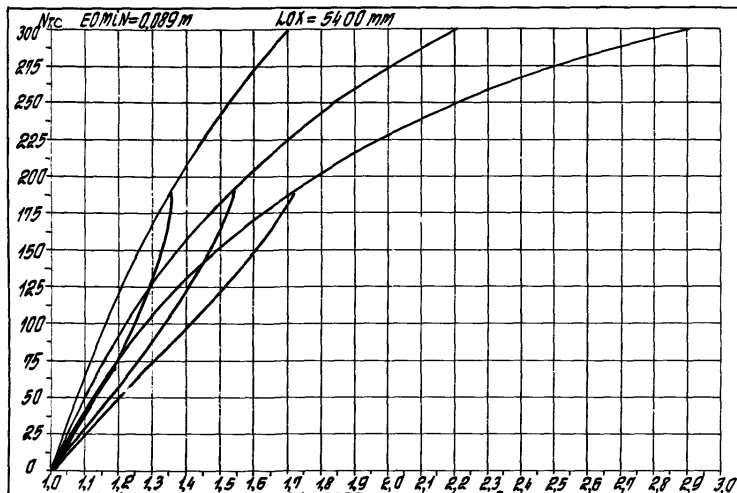
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1.020.1-4 0-9 002

114
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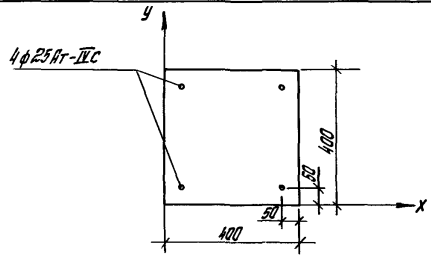
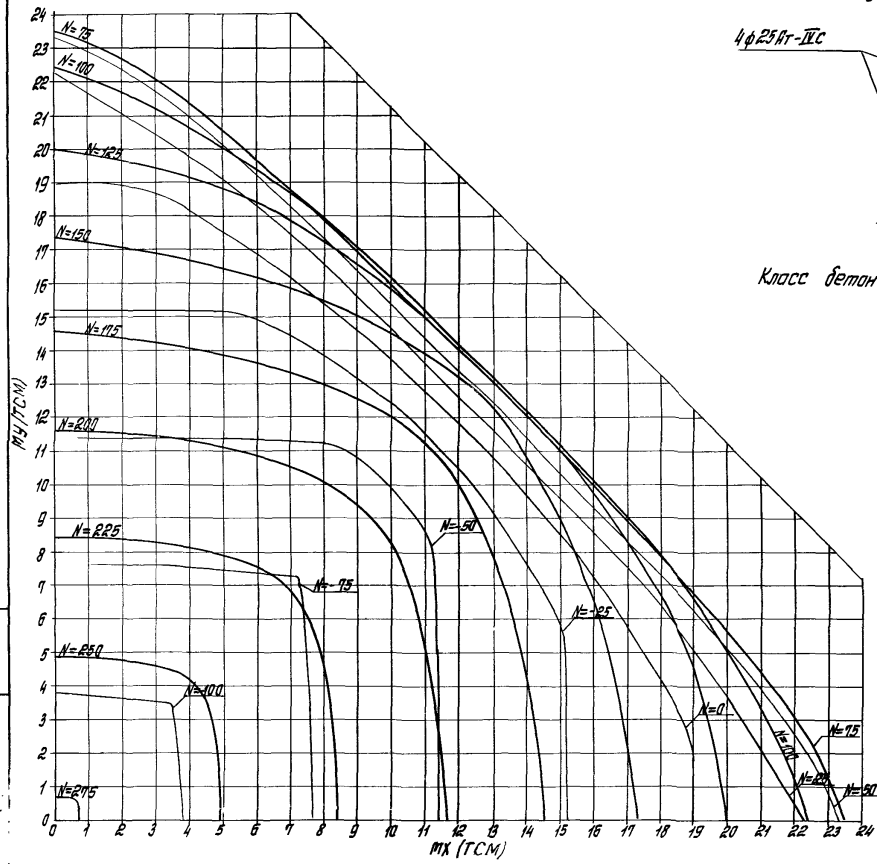


УДК 62-50:62-50:62-50

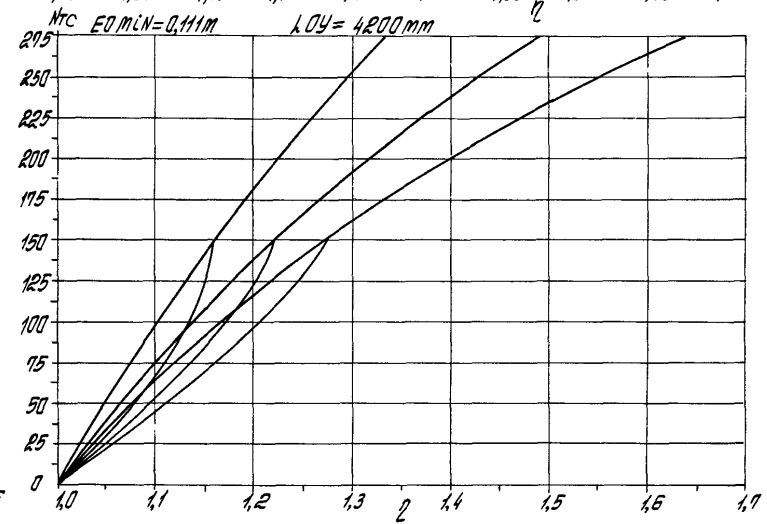
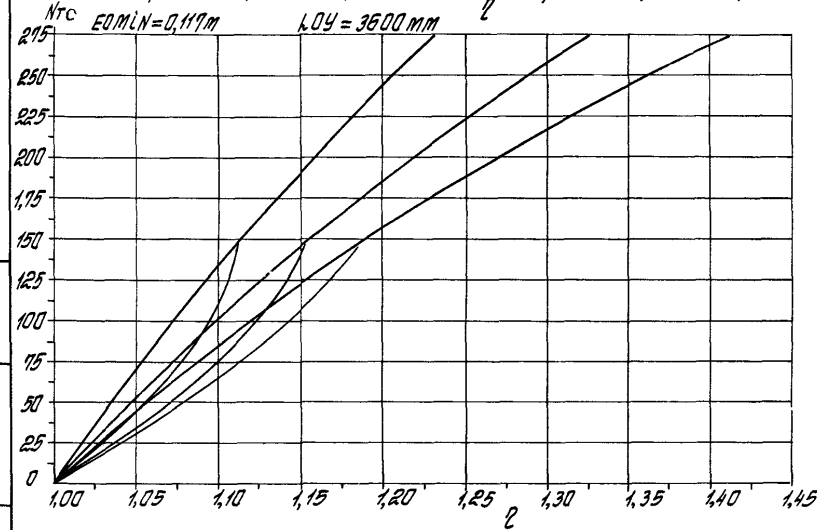
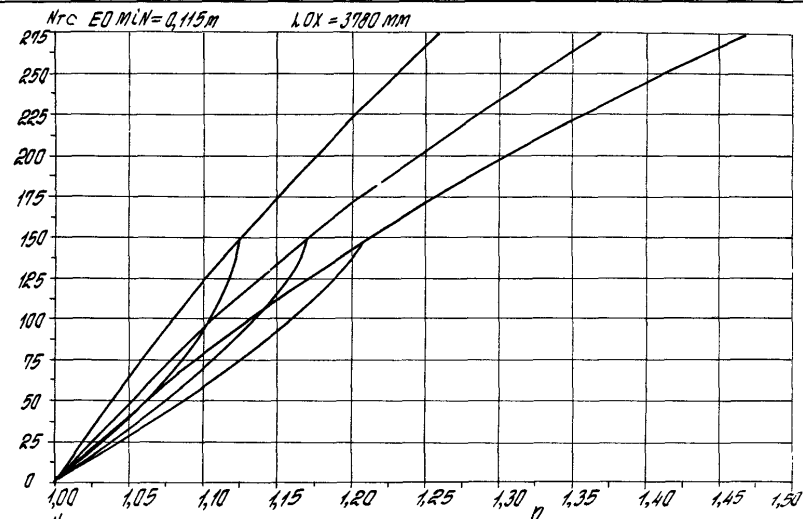
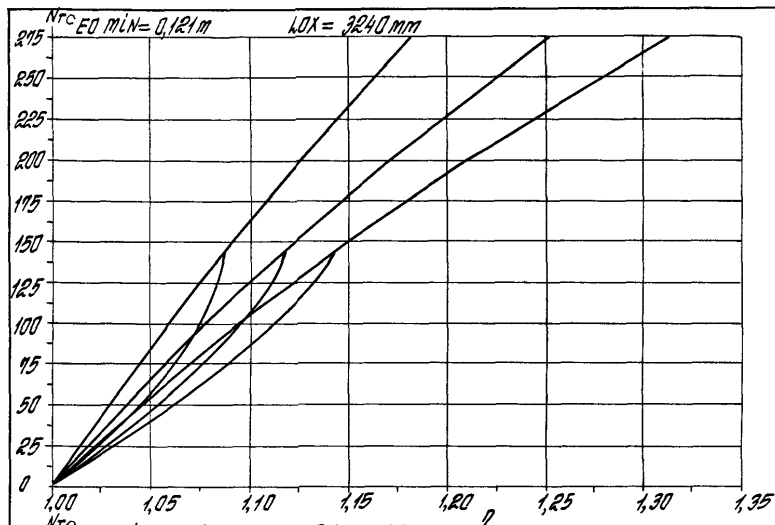
1020. 1-4

0-9 002

Sum
100



Класс бетона $B=22,5$ ($R_b = 11,7 \text{ МПа}$ при учете $\gamma_{b2} = 0,90$)
 Сталь АТ-IIIC
 Код сечения -1135

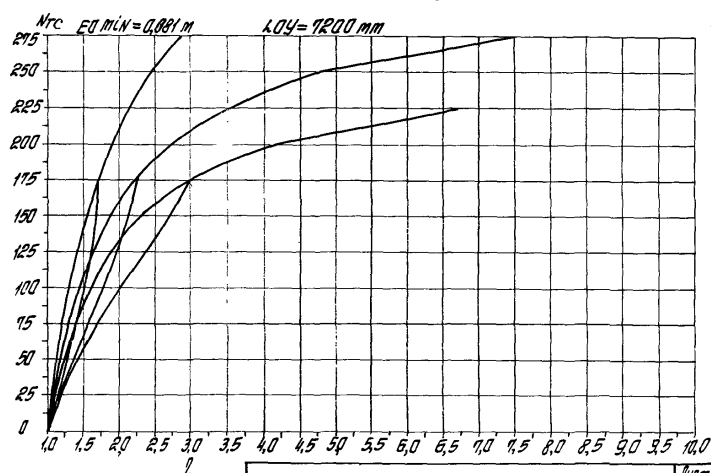
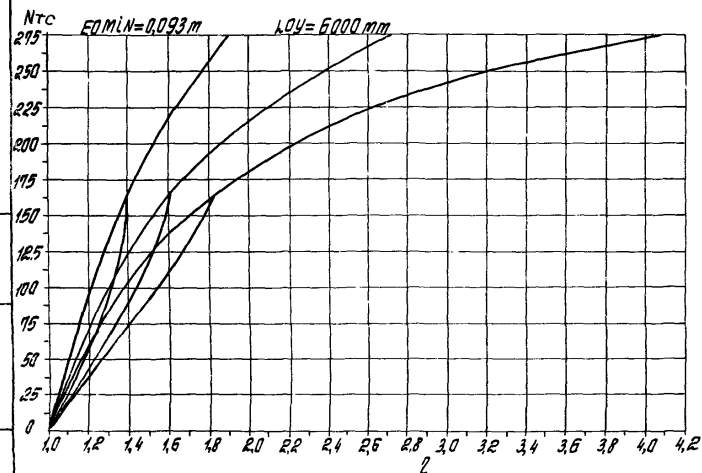
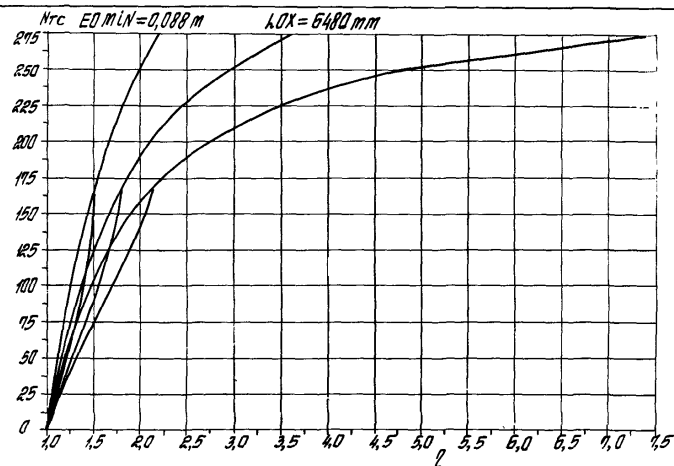
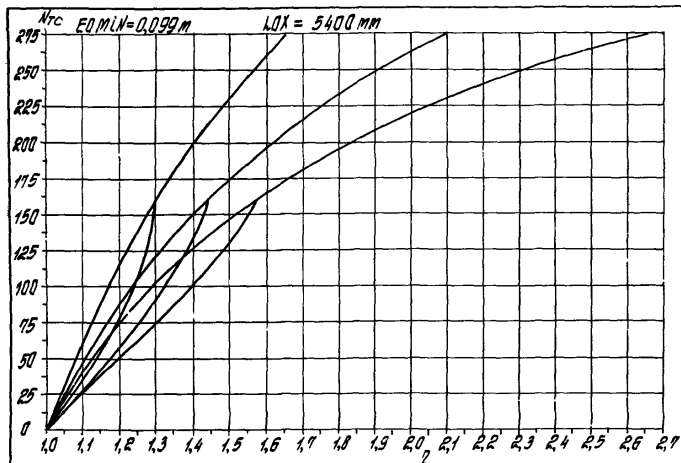


Чит. № 1022. Витрина у адм. здания № 102

1022.1-4

0-9 102

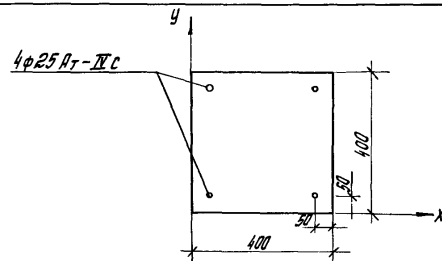
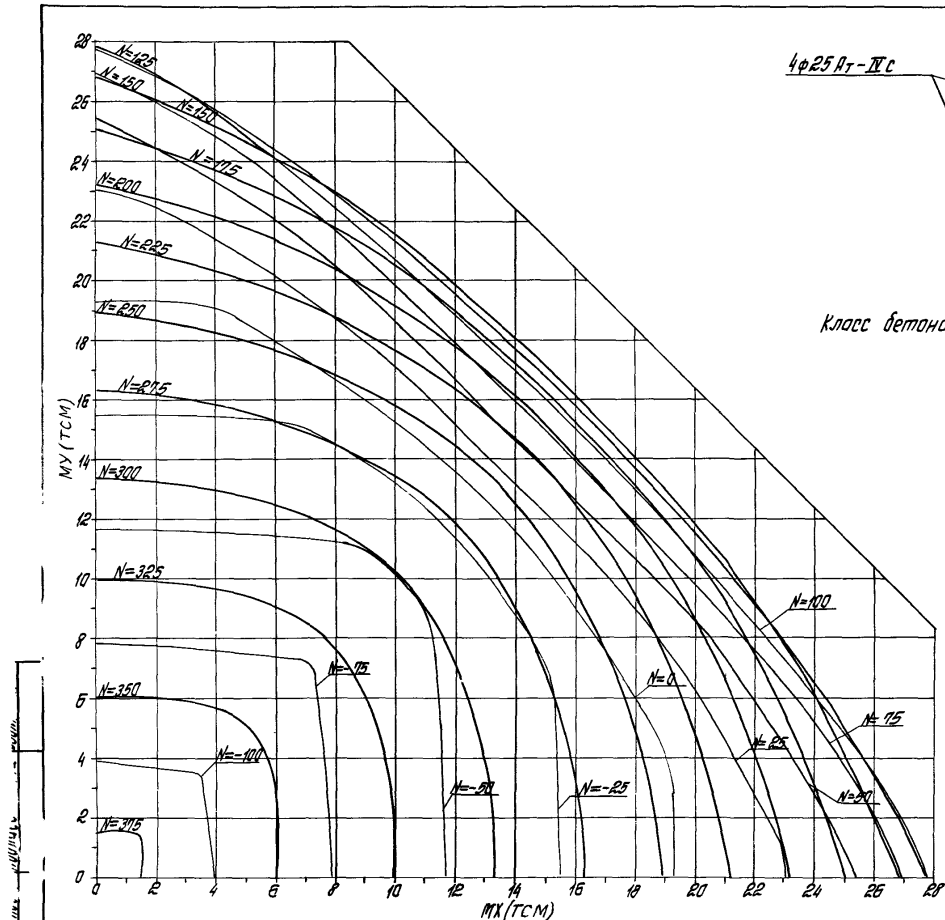
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1.020.1-4

0-9 002

лсм
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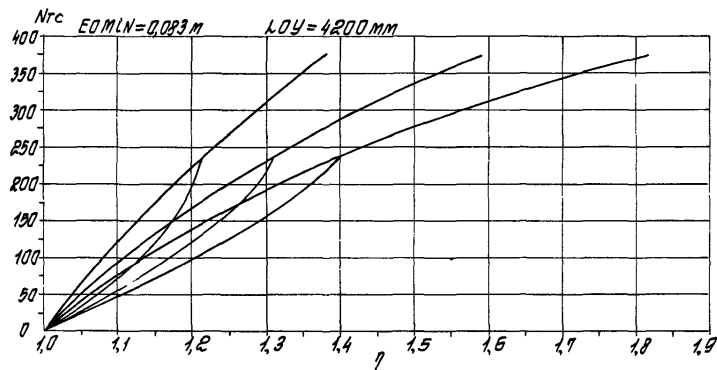
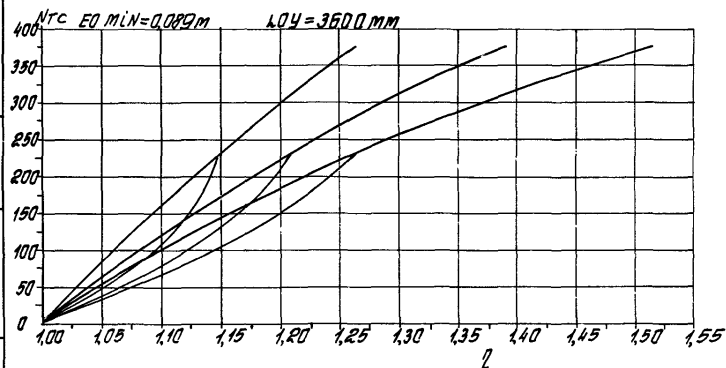
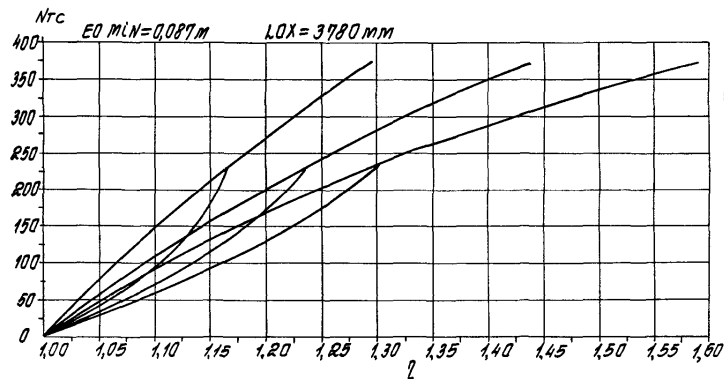
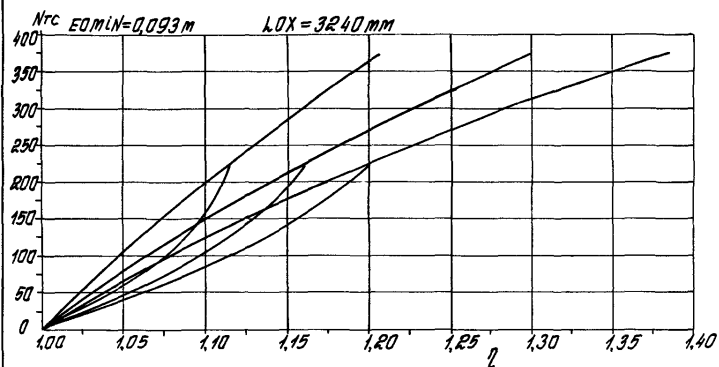


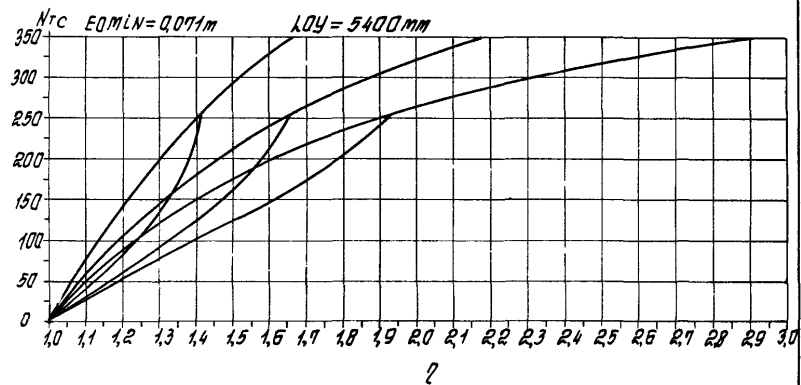
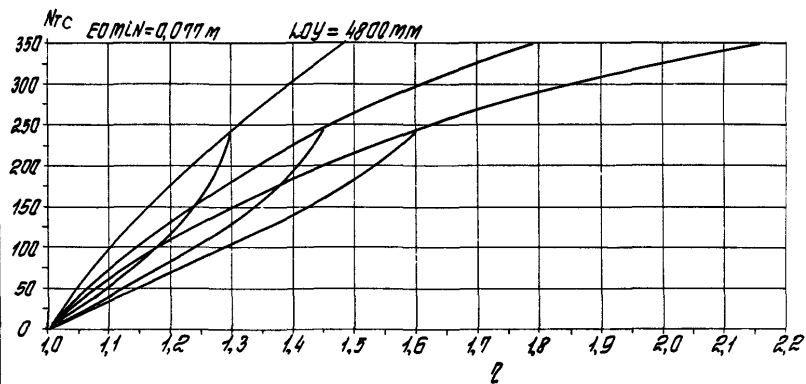
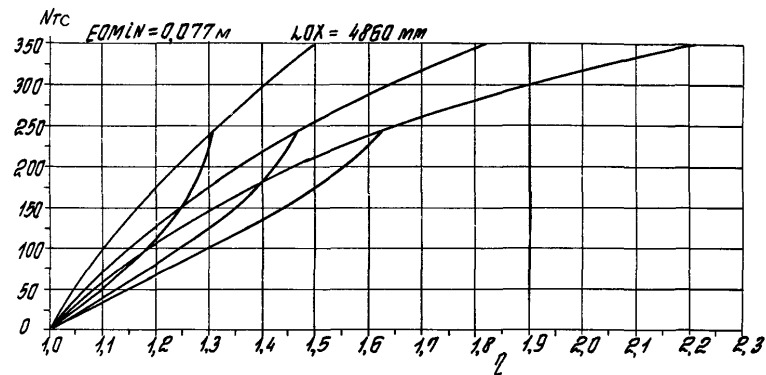
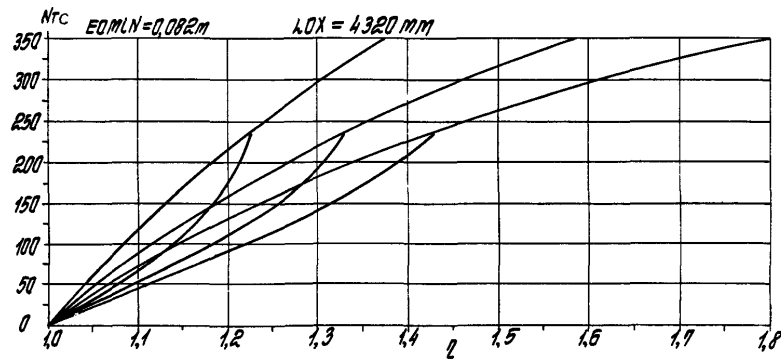
Класс бетона $B=30,0$ ($R_b=18,7 \text{ МПа}$ при учете $\gamma_{b2}=1,10$)
 Сталь IIc
 Код сечения - 114a

1.020. 1-4

0-9 002

Лист
5



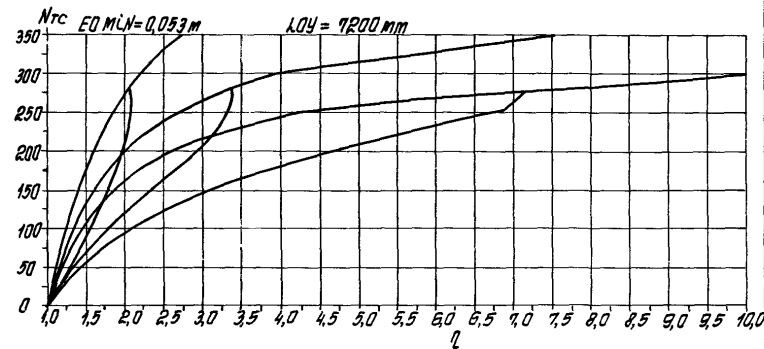
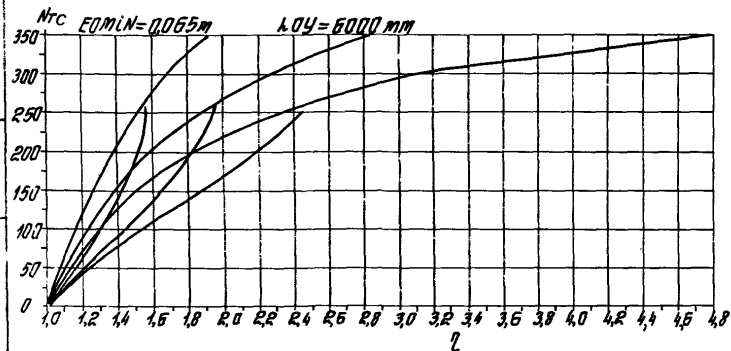
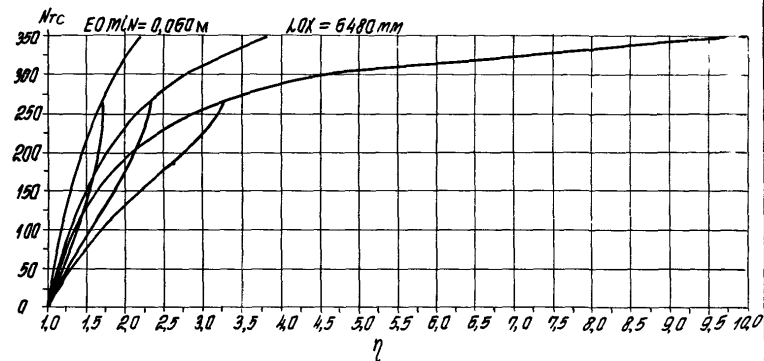
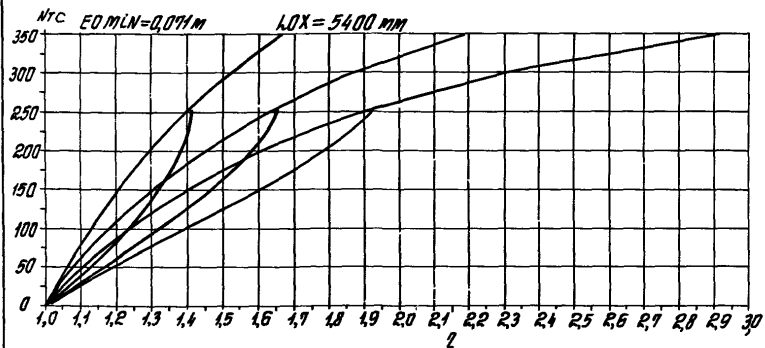


Шнб № подл. Подпись и дата. Взам. инб. №

1.020. 1-4

0-9 102

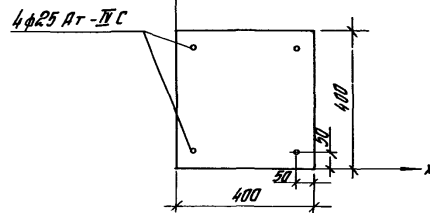
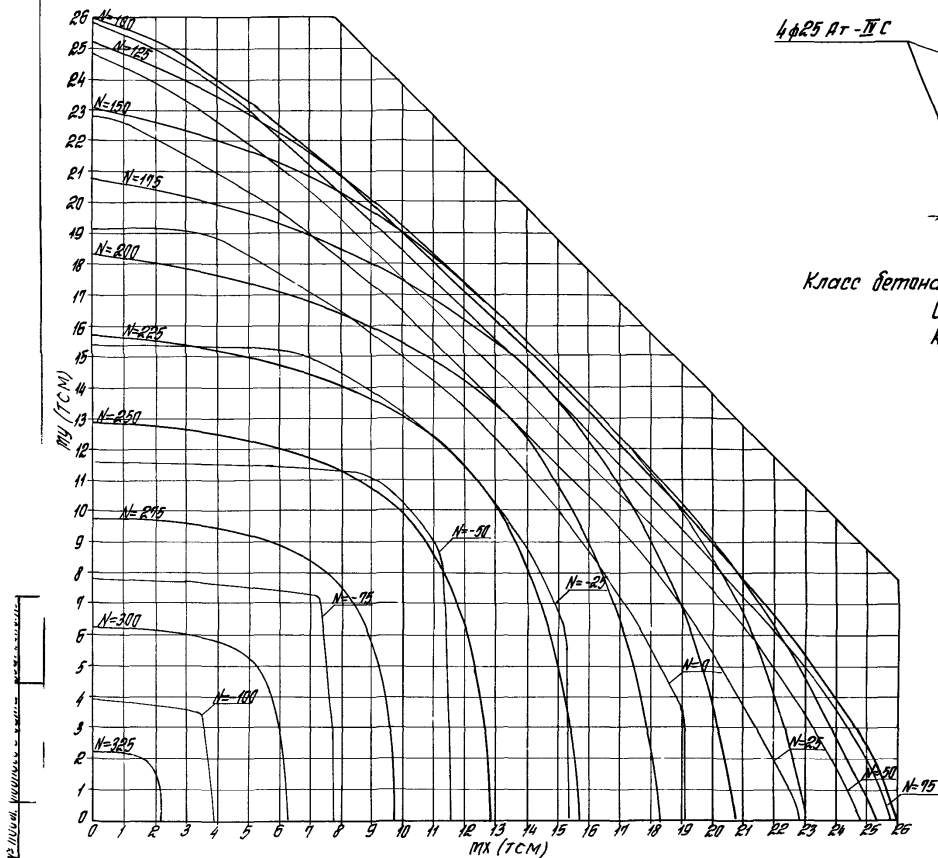
Иуча
107



1.020. 1-4

0-9 502

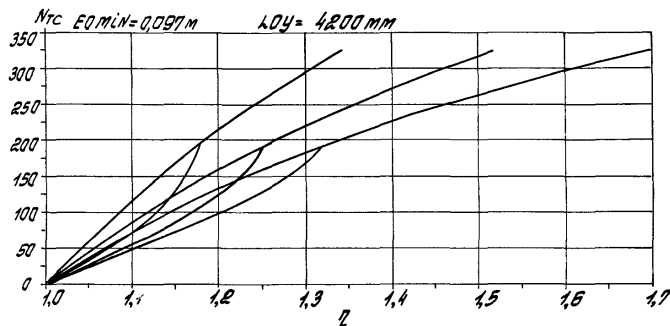
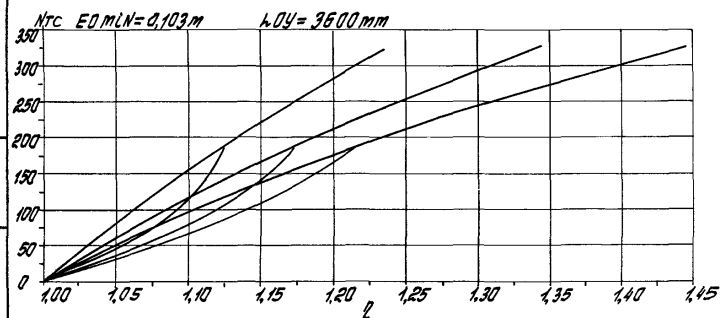
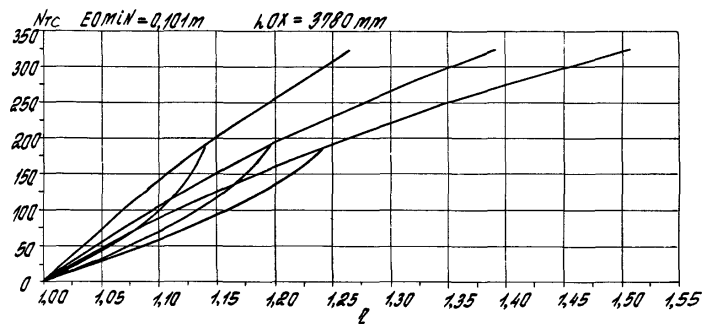
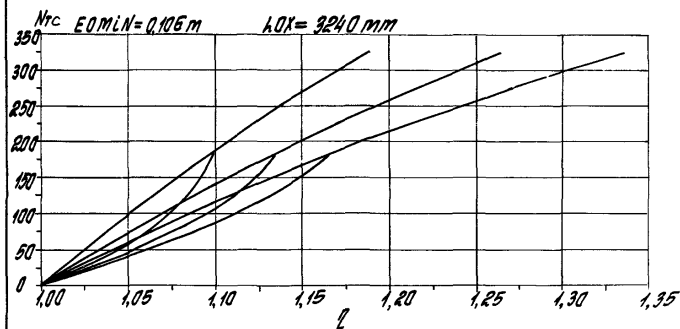
N_{rc}
108



Класс бетона В30.0 ($R_b = 15.3 \text{ МПа}$ при учете $\gamma_{b2} = 0.90$)
 Сталь класса АТ-IV С
 Код сечения - 1146

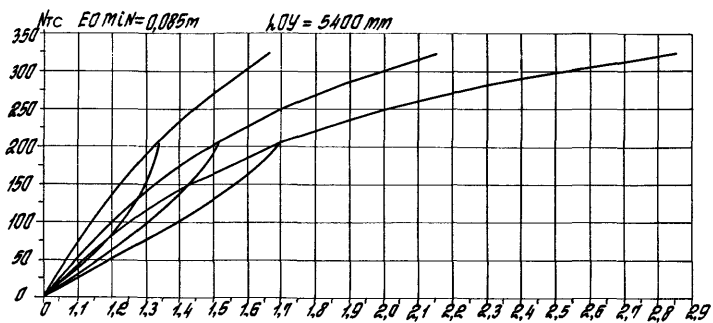
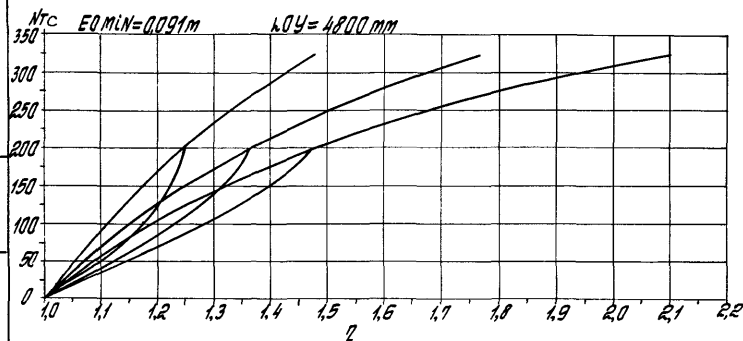
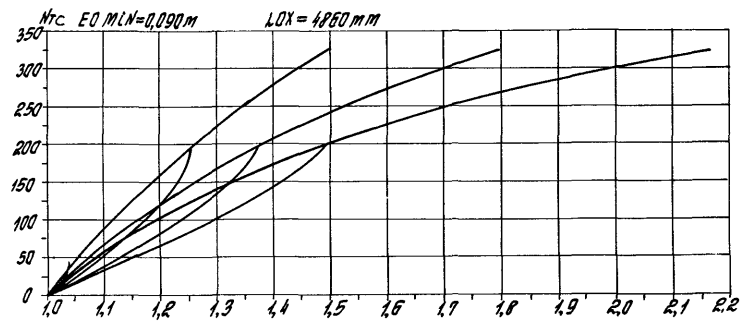
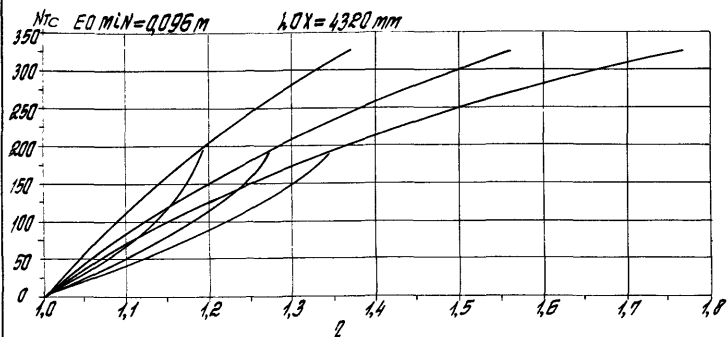
1.020.1-4 0-9 002

11.02
1.9



1.020.1-4 0-9 002

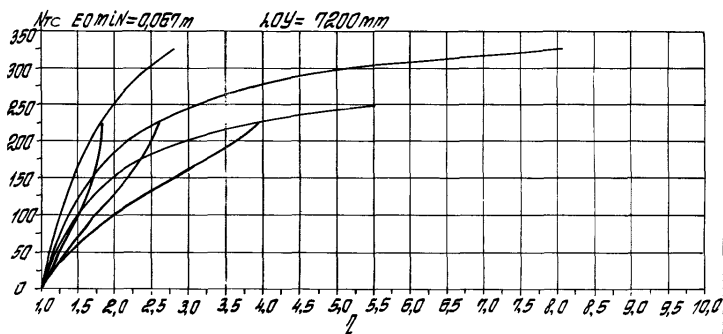
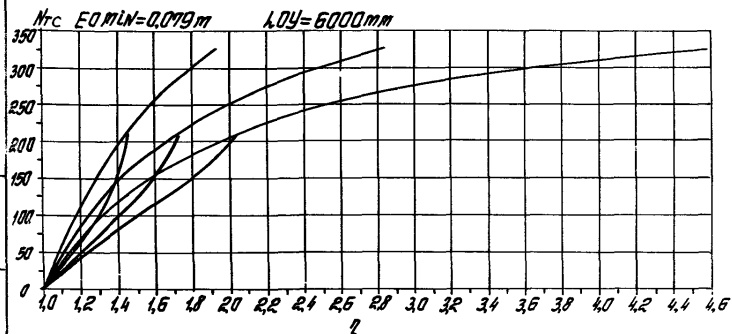
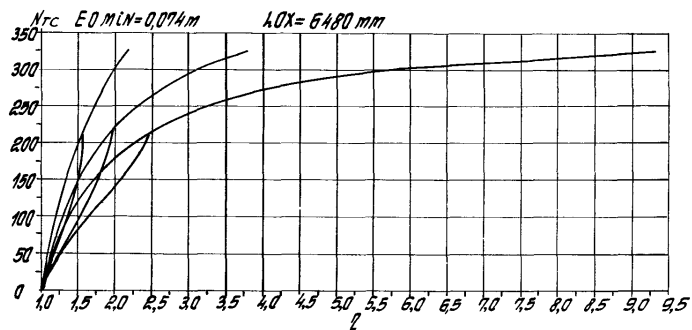
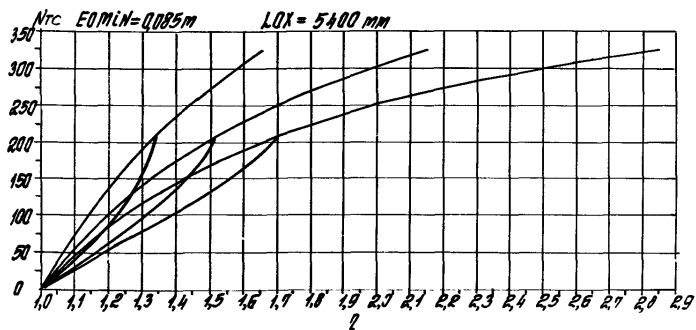
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1.020.1-4 0-9 002

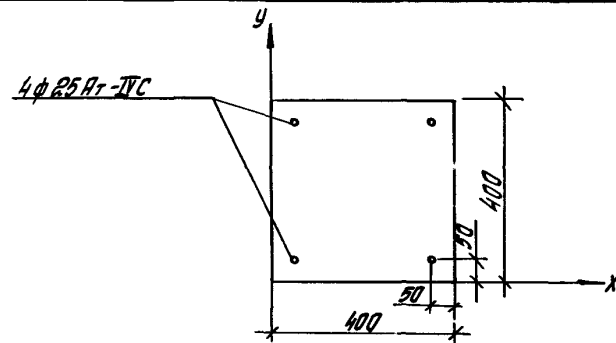
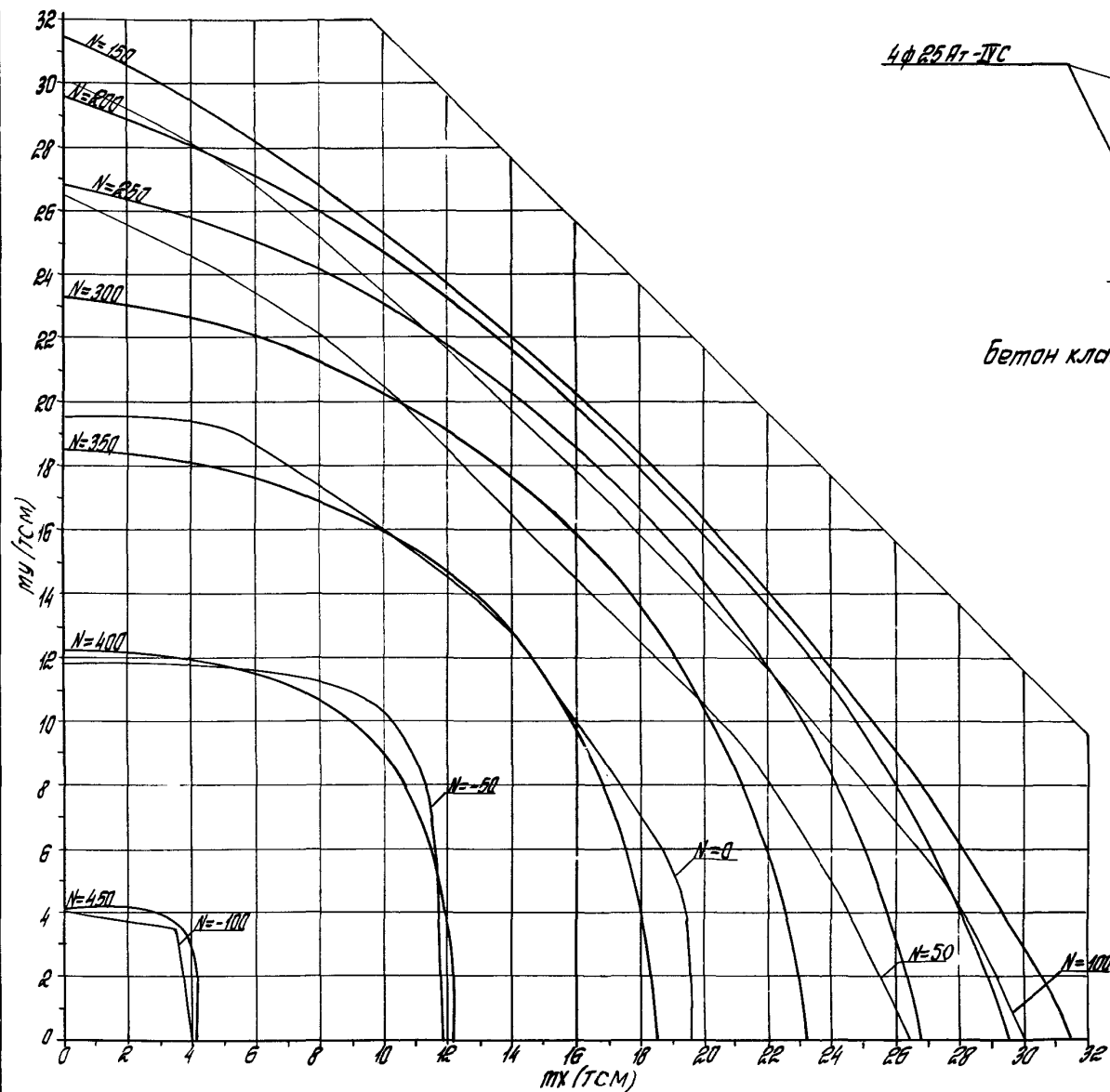
Juev

111



1.020.1-4 0-9 202

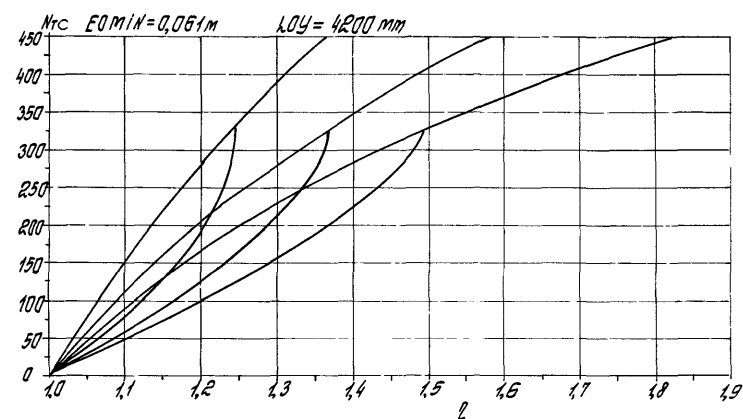
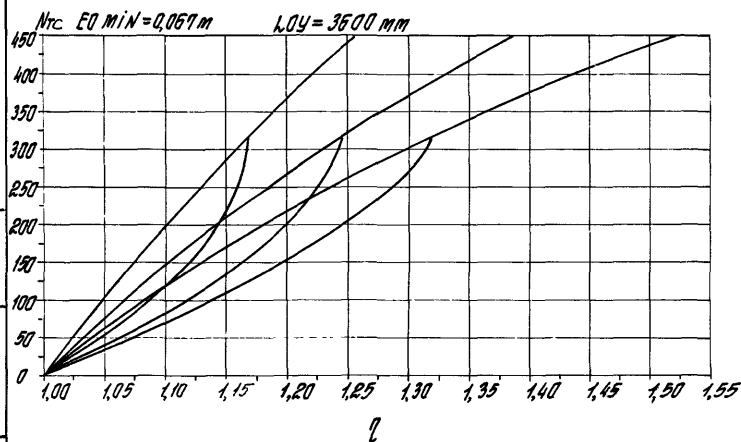
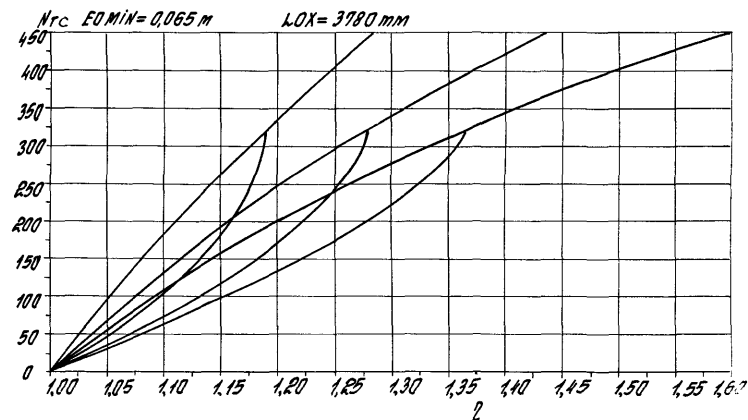
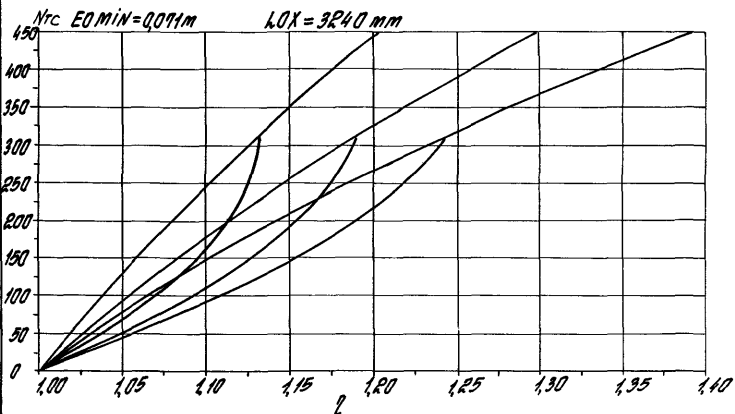
112	112
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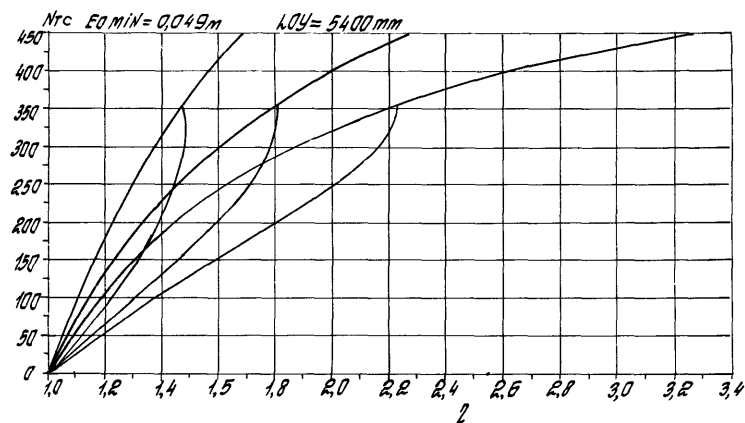
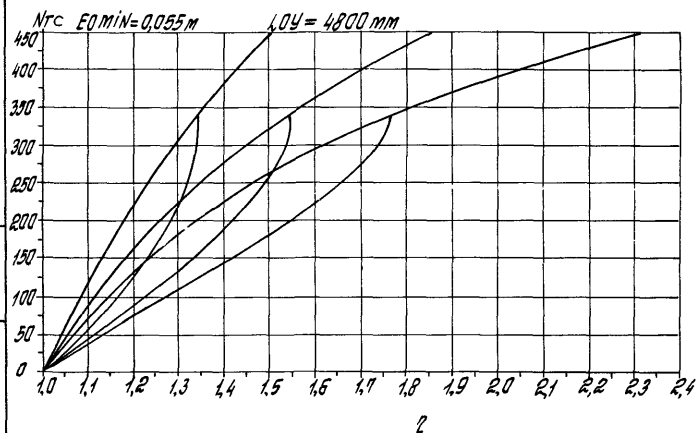
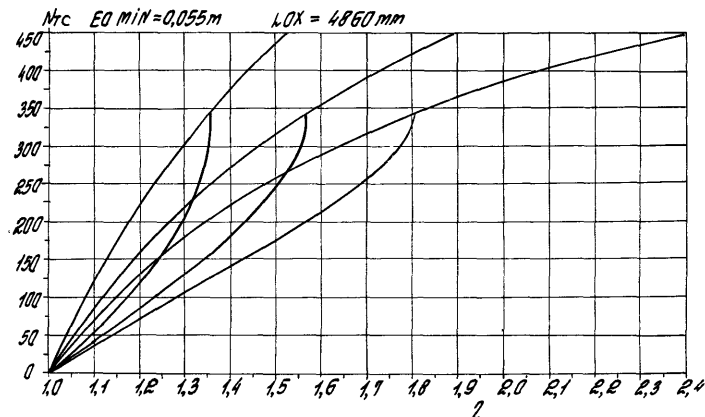
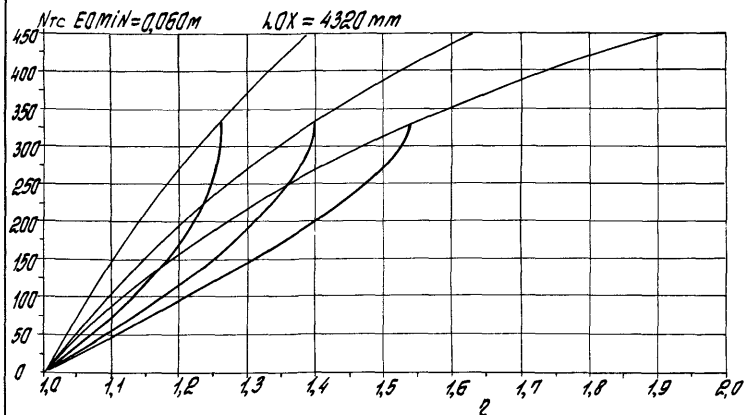


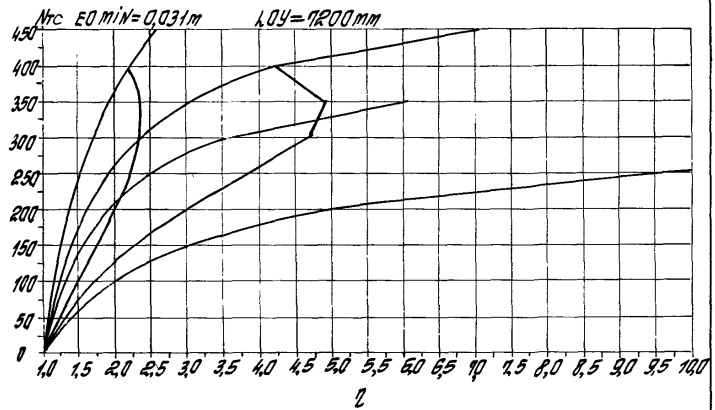
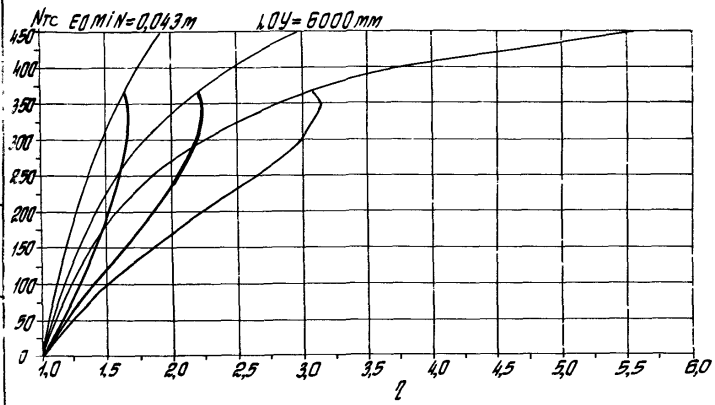
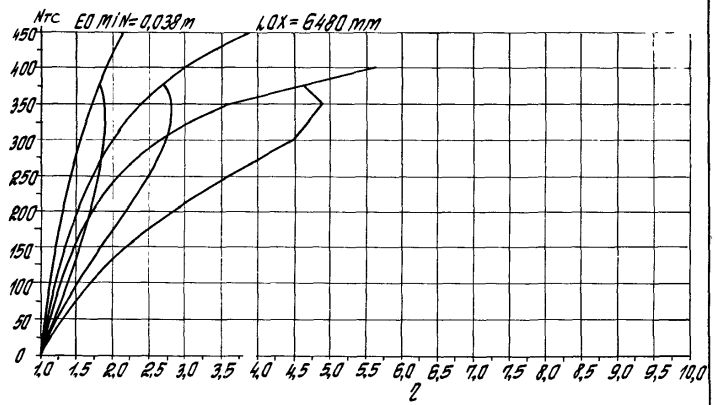
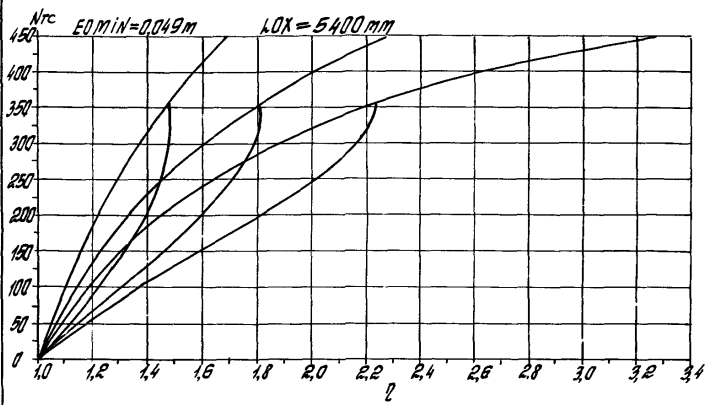
Бетон класса В40,0 ($R_b = 24,2 \text{ МПа}$ при учете $\gamma_{B2} = 1,10$)
 Сталь класса АТ-IV
 Код сечения - 115а

1.020.1-4 0-9 002

14cm
113

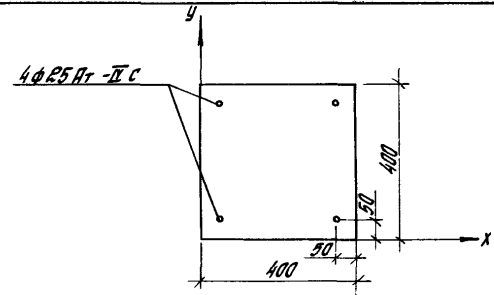
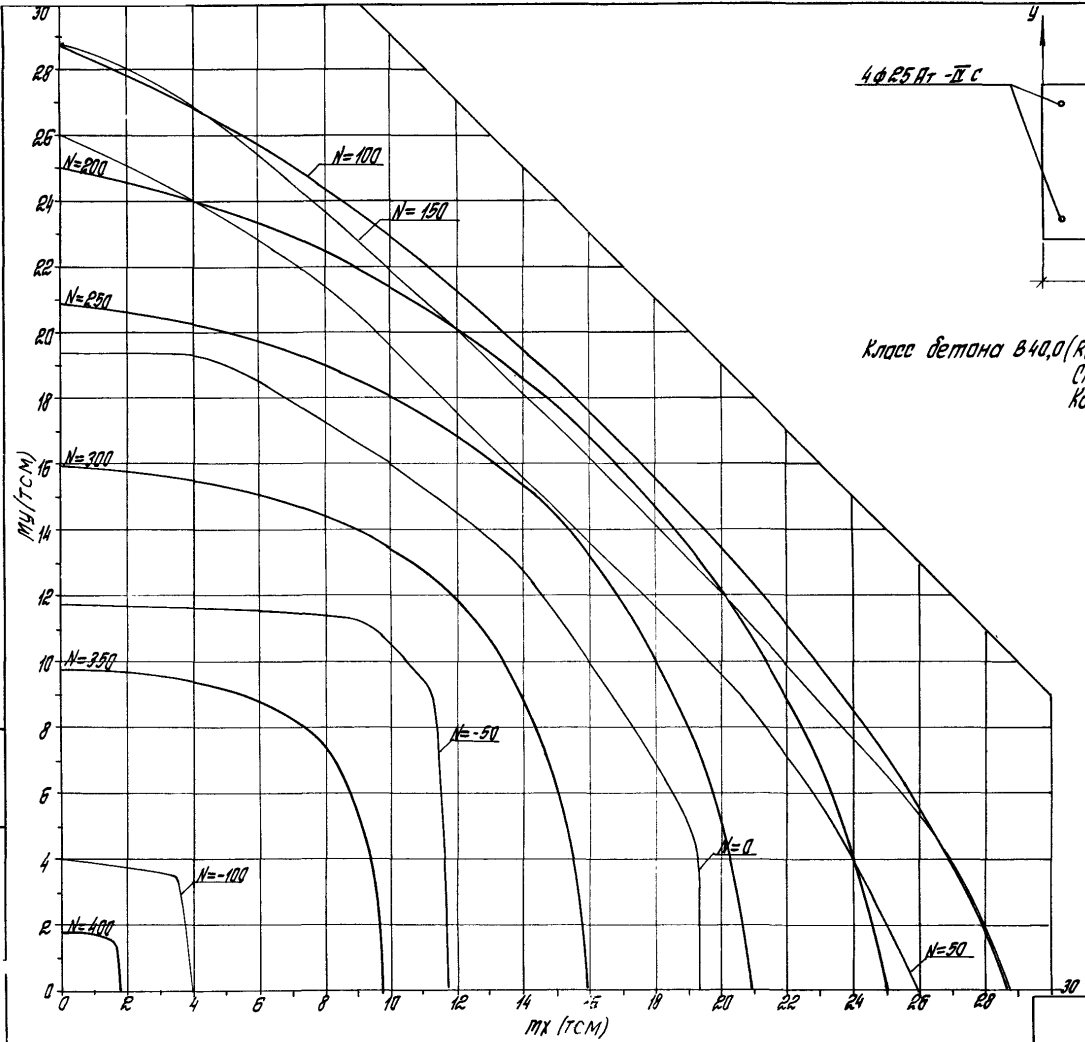




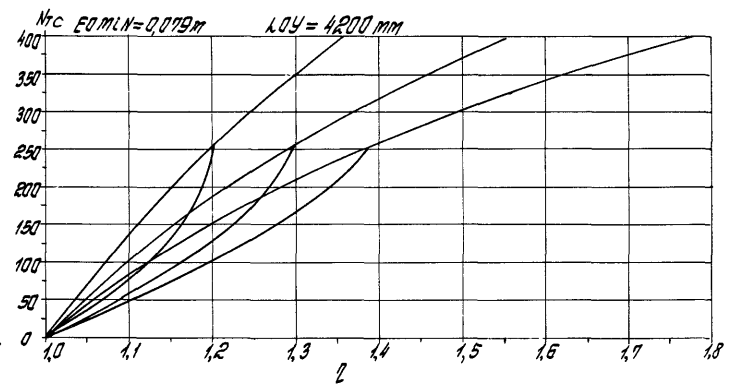
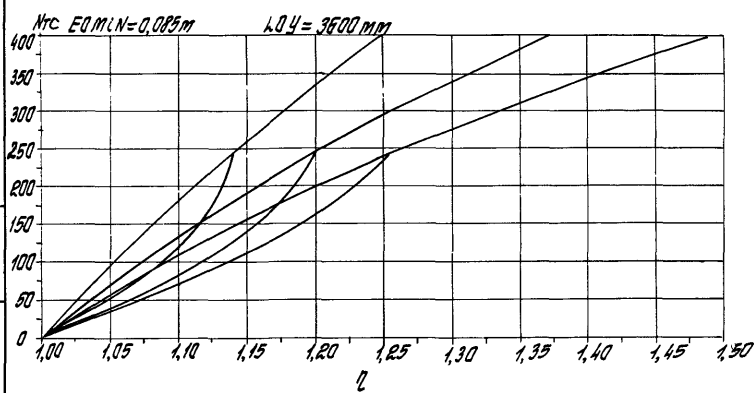
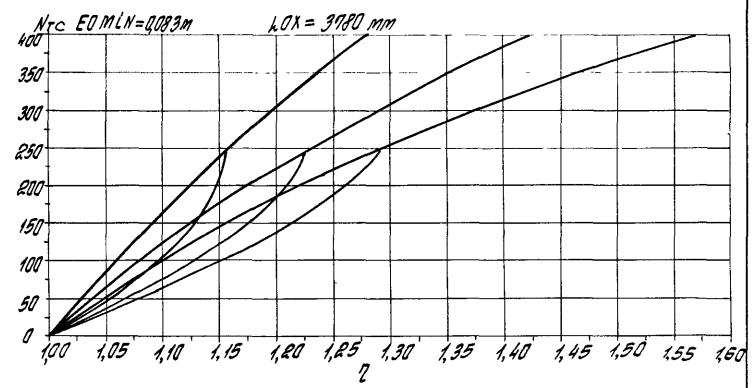
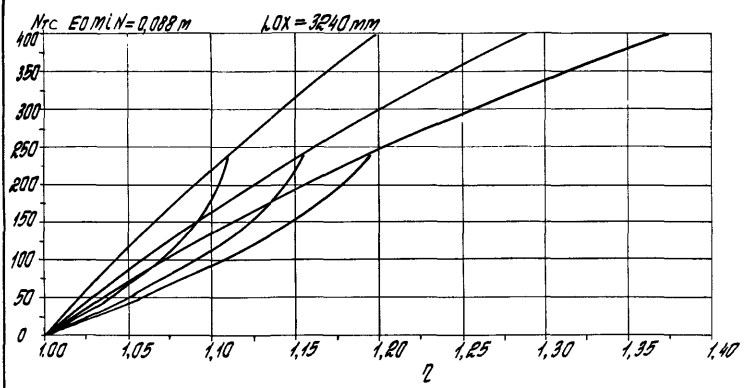


1.020.1-4 2-9 002
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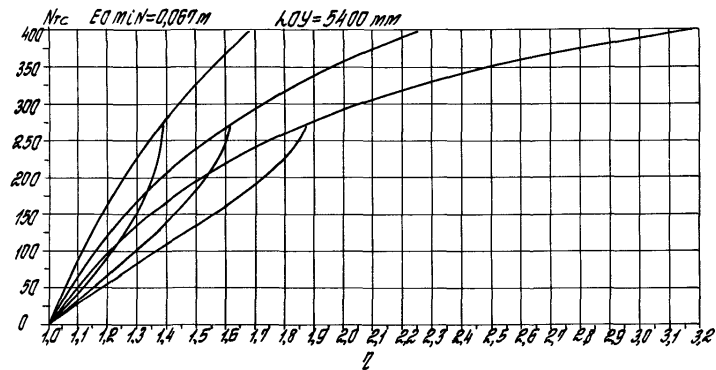
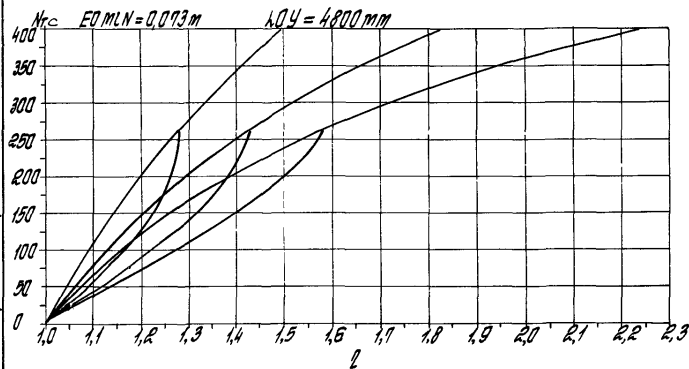
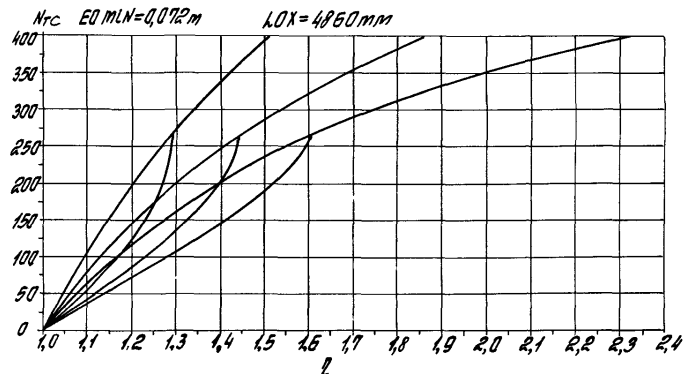
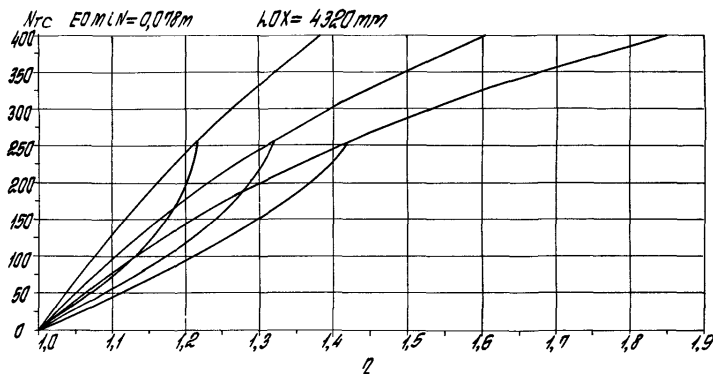
Уменьшение прочности в бетоне при N



Класс бетона В40,0 ($R_b = 19.8$ МПа при учете $\gamma_{b2} = 0.90$)
 Сталь класса АТ-IV с
 Код сечения - 1158

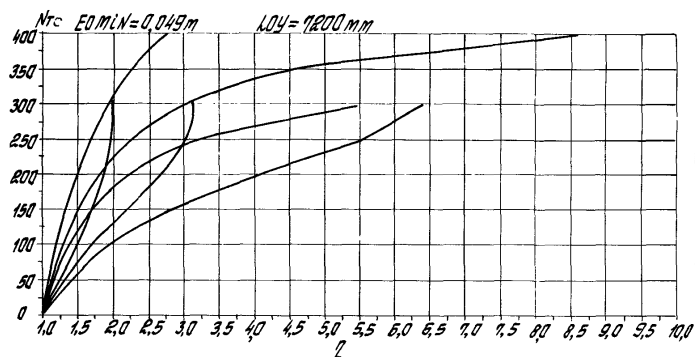
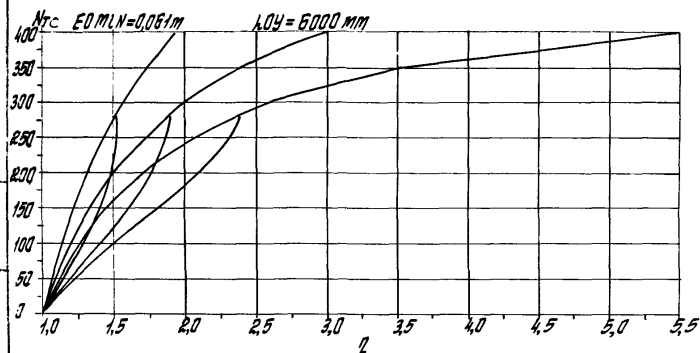
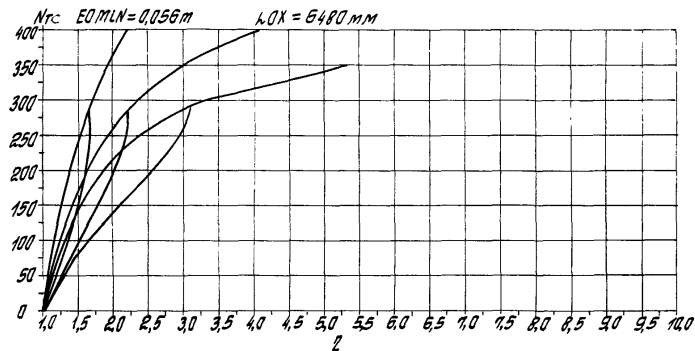
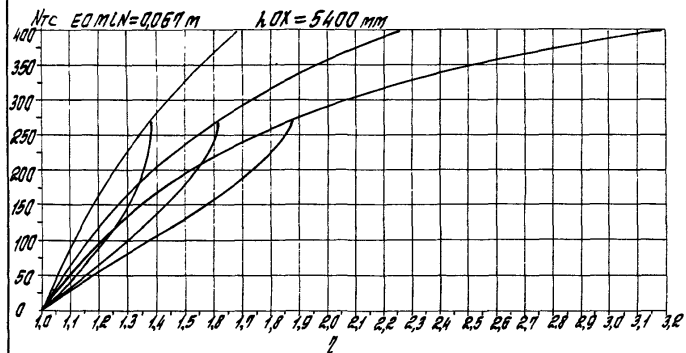


ВНИМАНИЕ! При использовании графика необходимо учитывать поправки на температуру и влажность воздуха.



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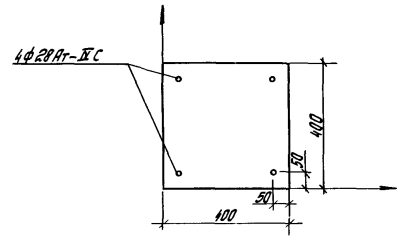
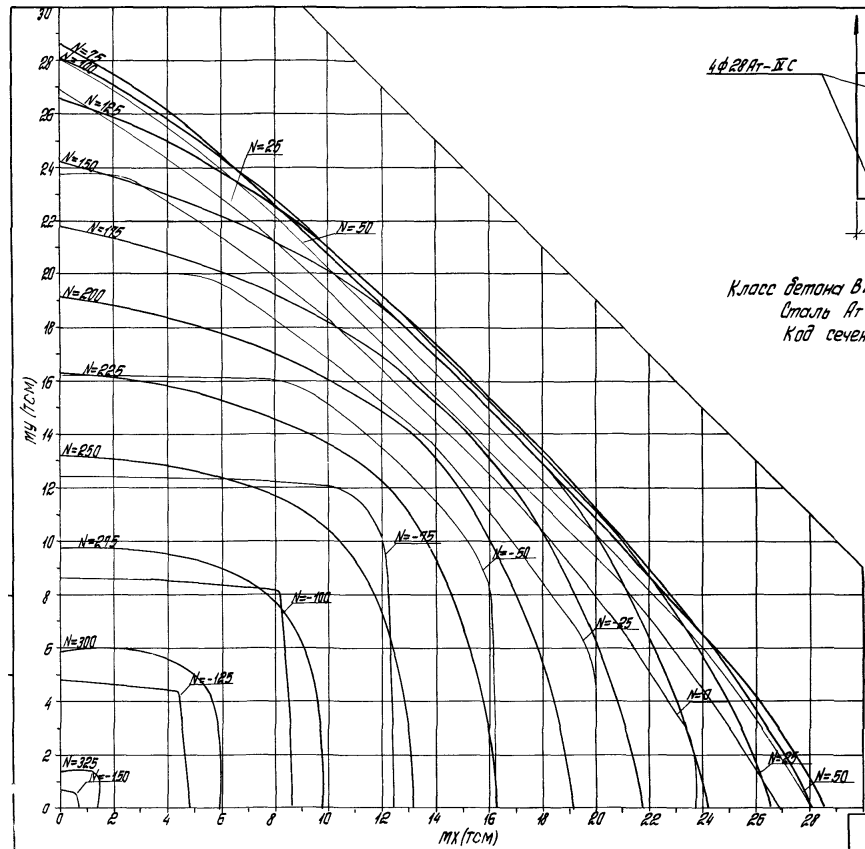
Лет
119



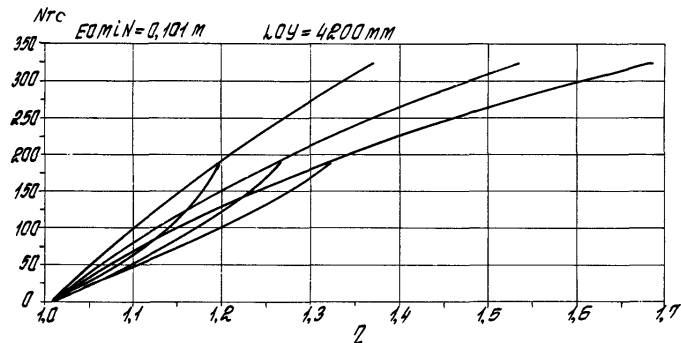
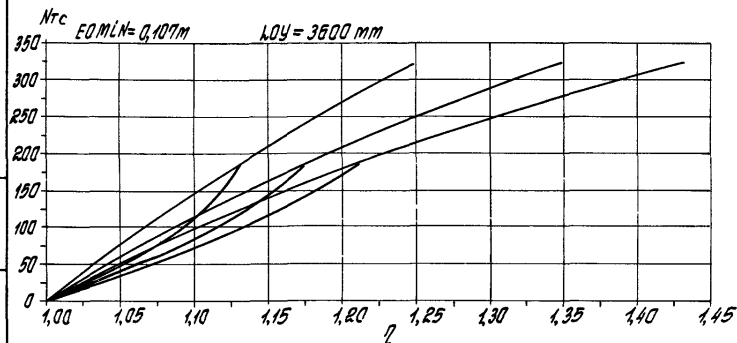
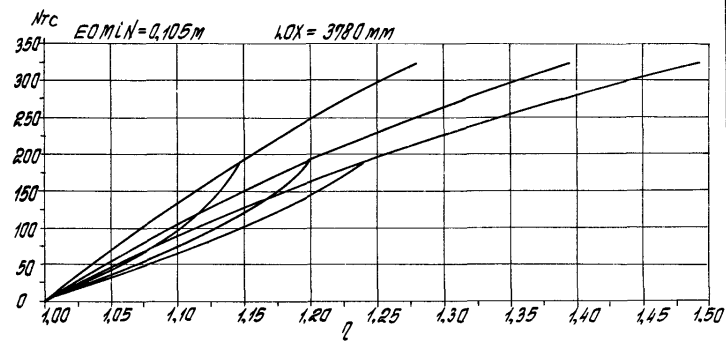
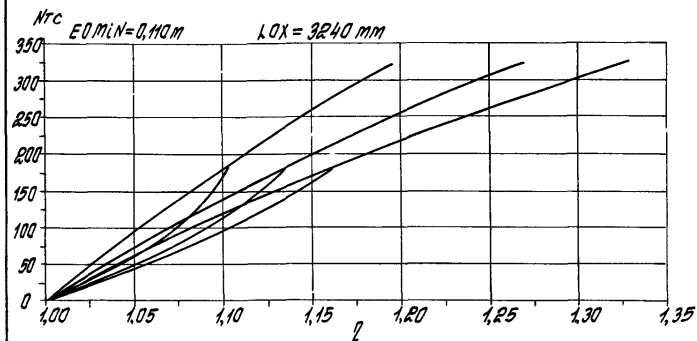
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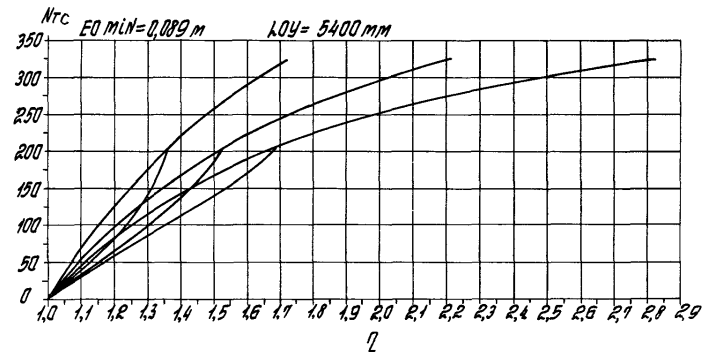
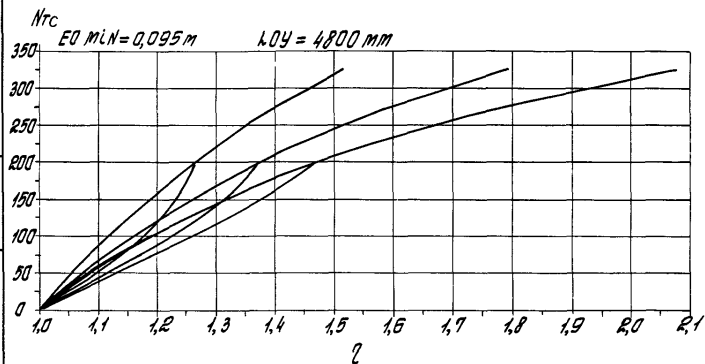
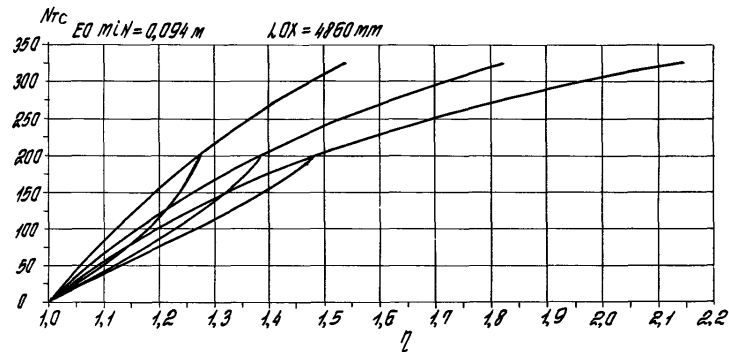
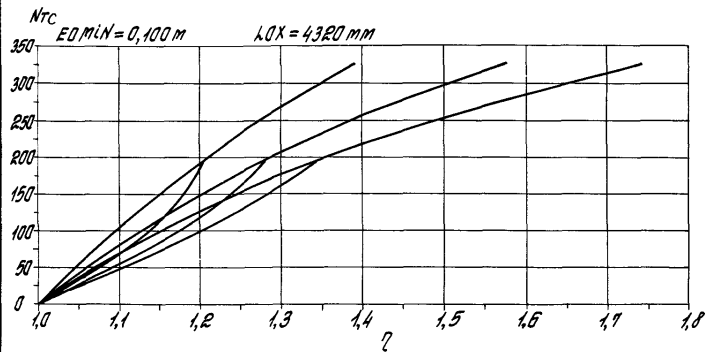
Класс бетона В22,5 ($R_b = 14,3 \text{ МПа}$ при учете $\gamma_{b2} = 1,10$)
 Сталь АТ-III
 Код сечения - 116a



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Илуст
122



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Мучм
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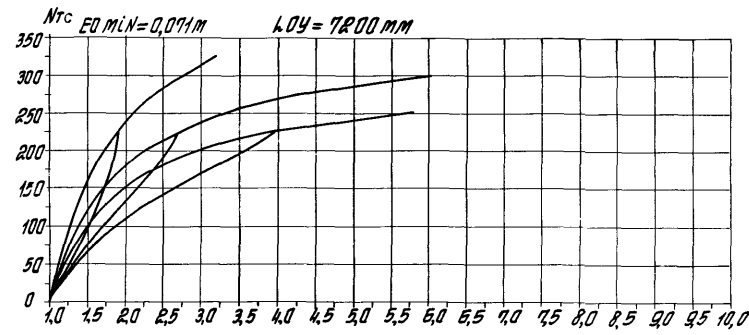
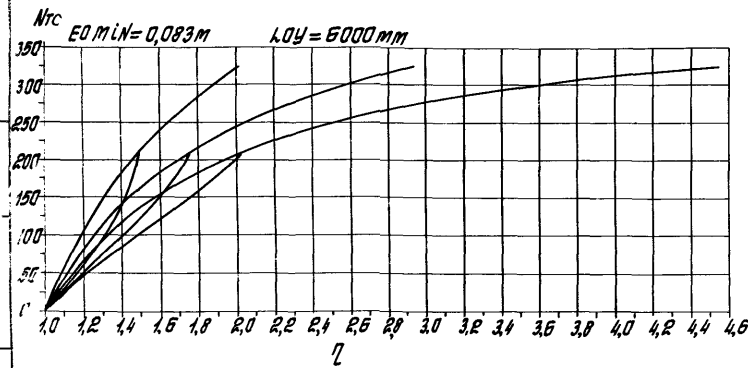
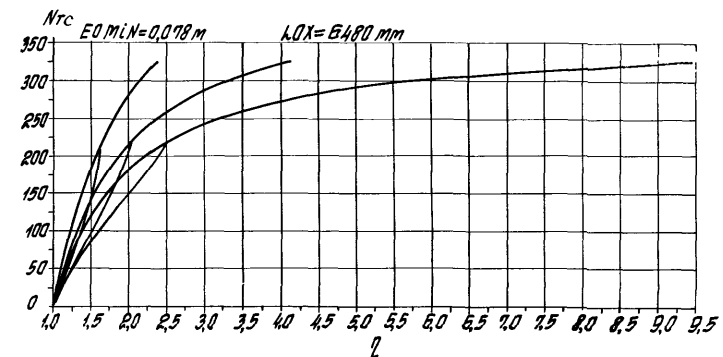
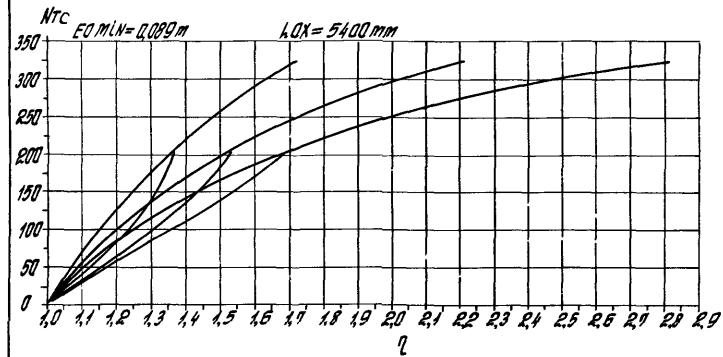
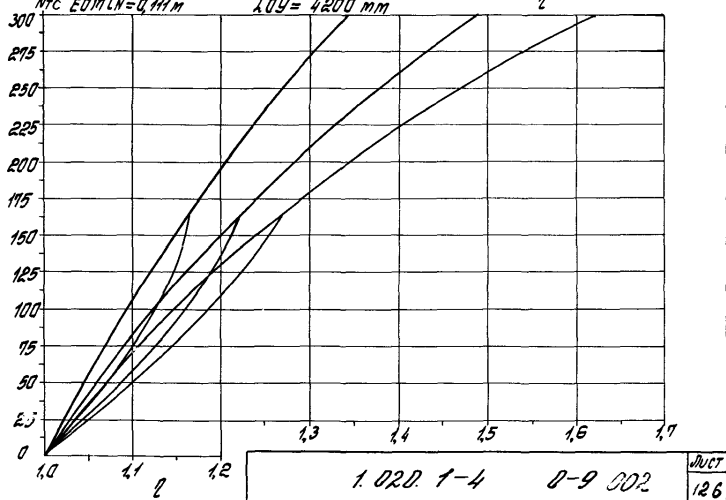
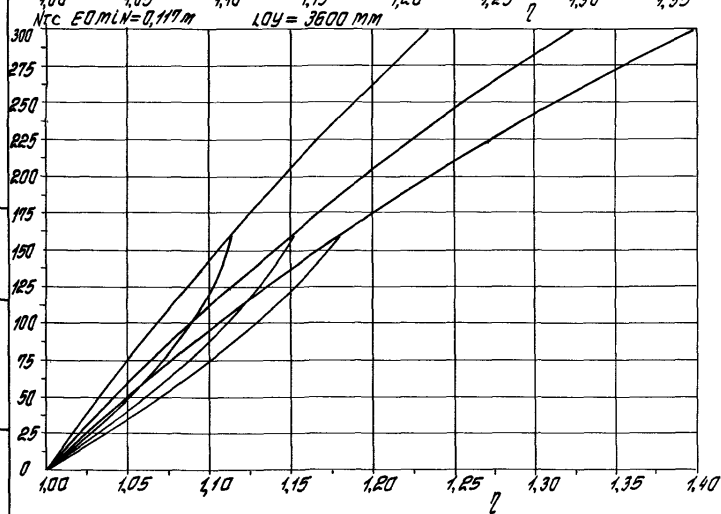
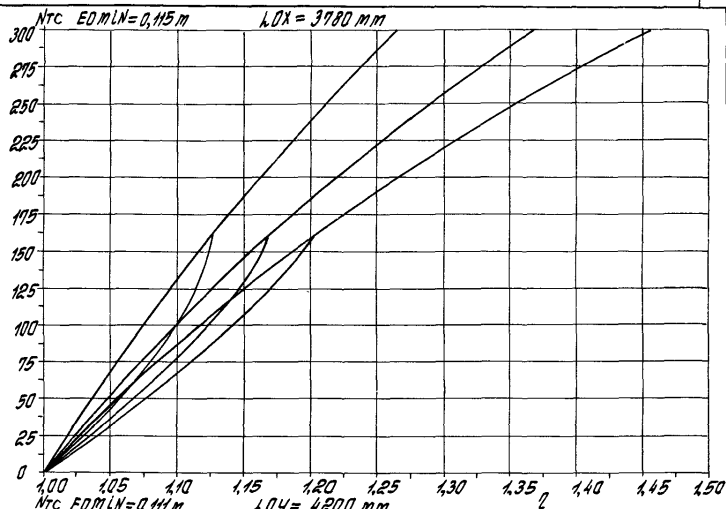
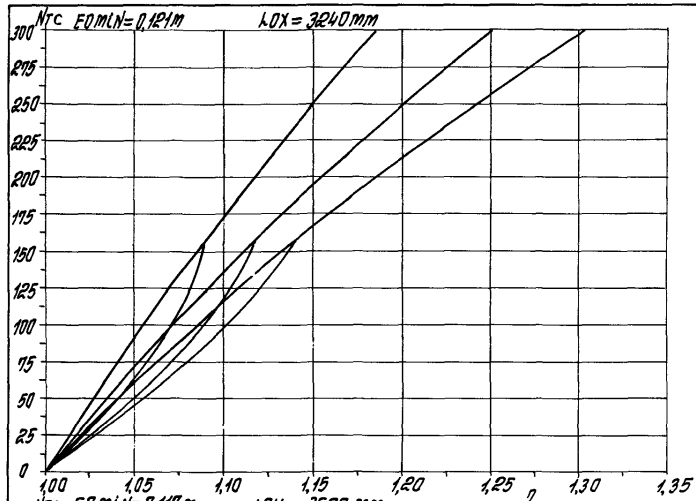
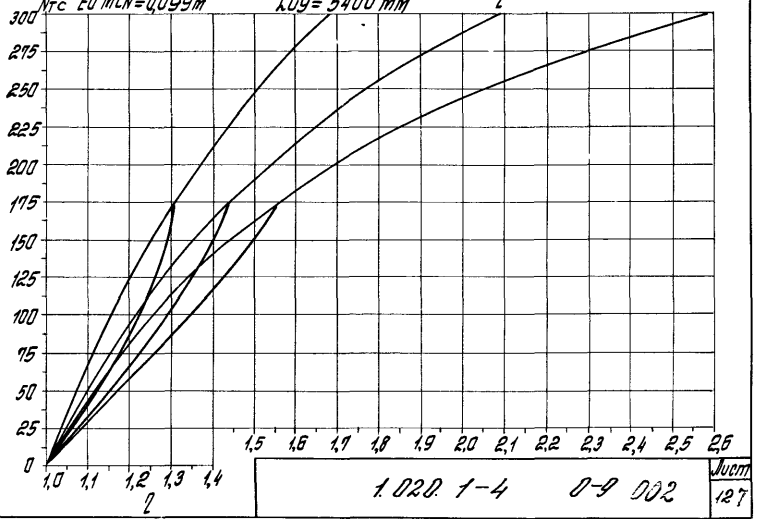
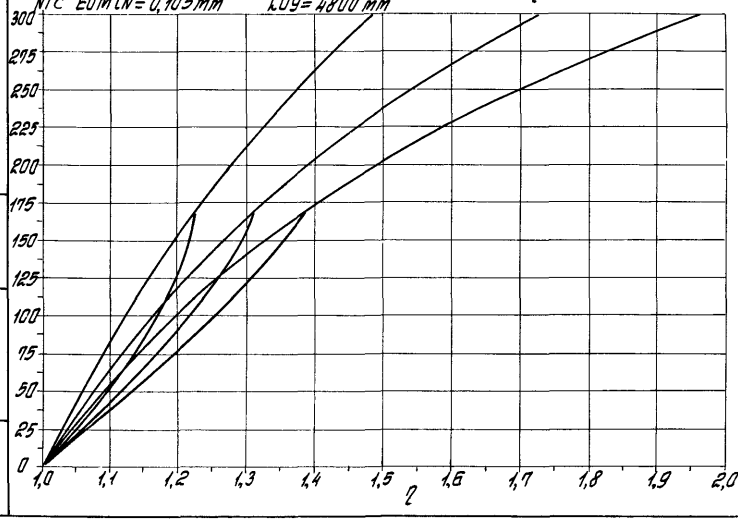
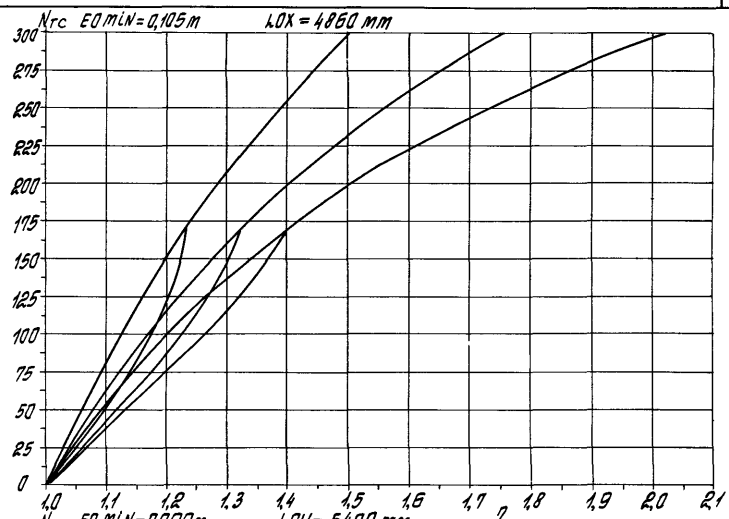
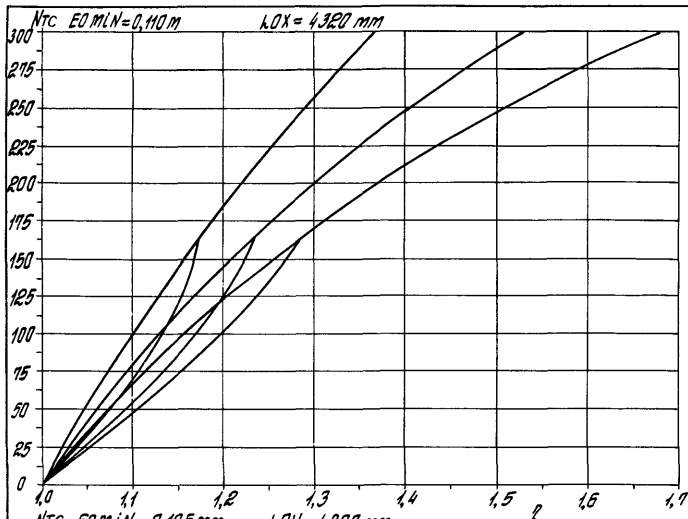


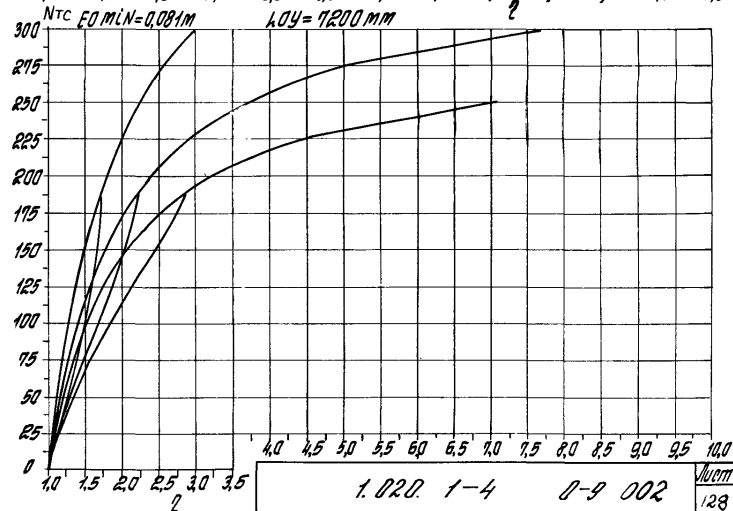
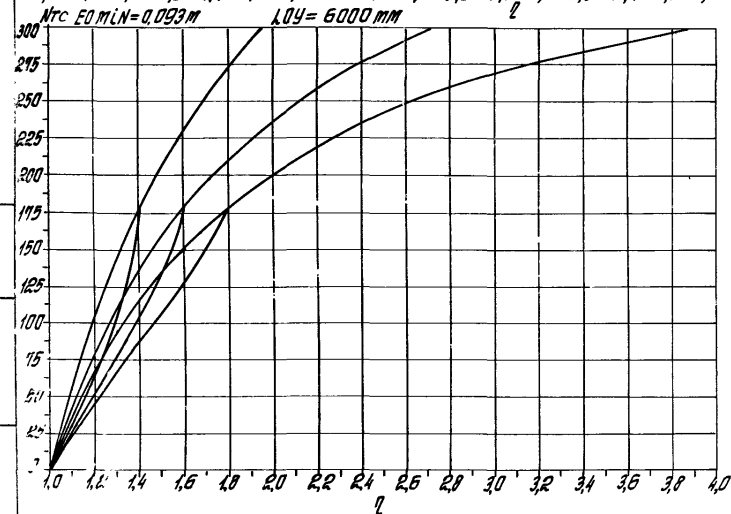
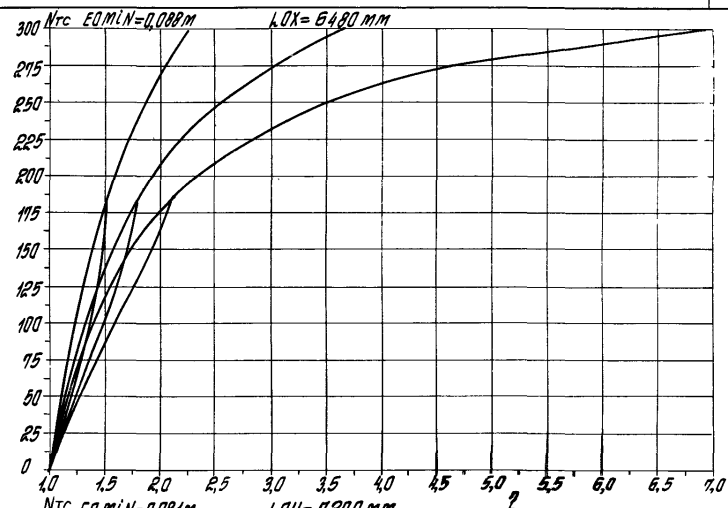
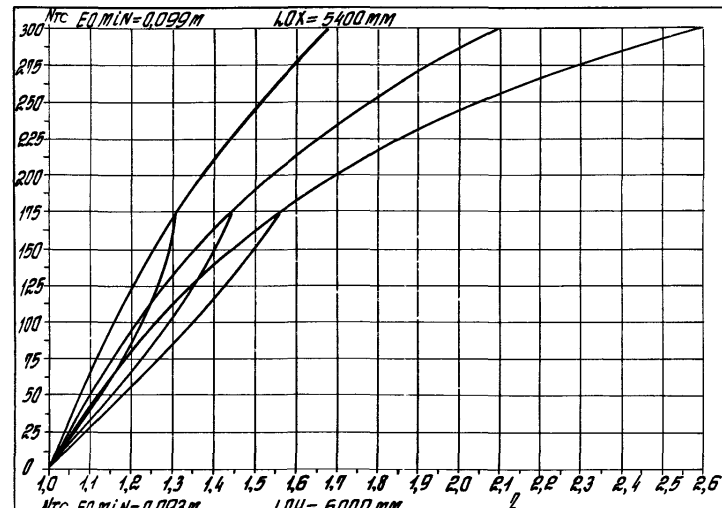
Таблица 1. Расчеты Nrc



Величина коэффициента вариации

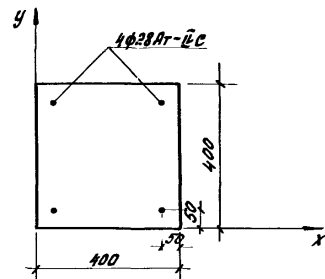


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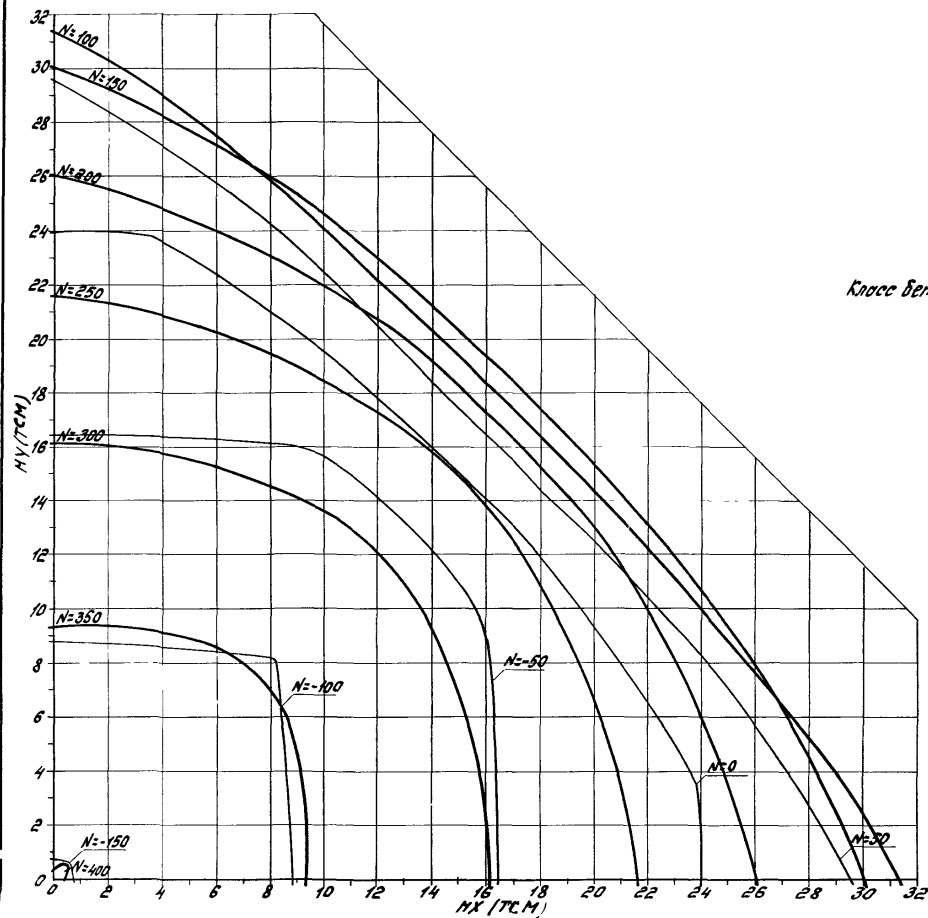
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Класс бетона В30.0 ($R_k = 18.7 \text{ МПа}$ при учёте $\gamma_{b2} = 1.10$)

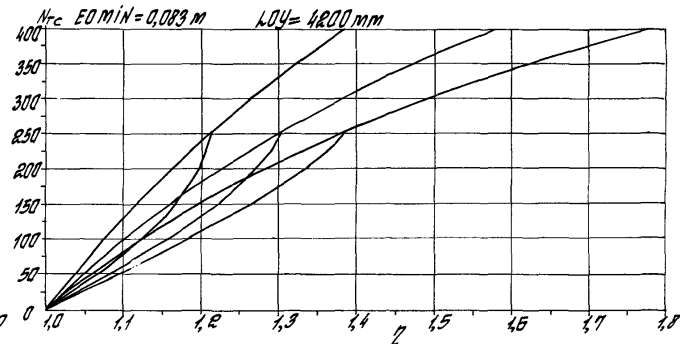
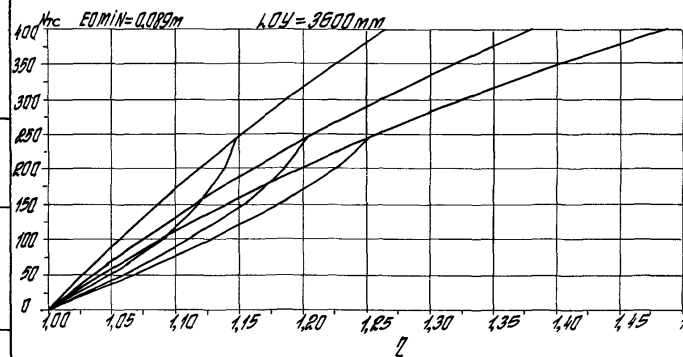
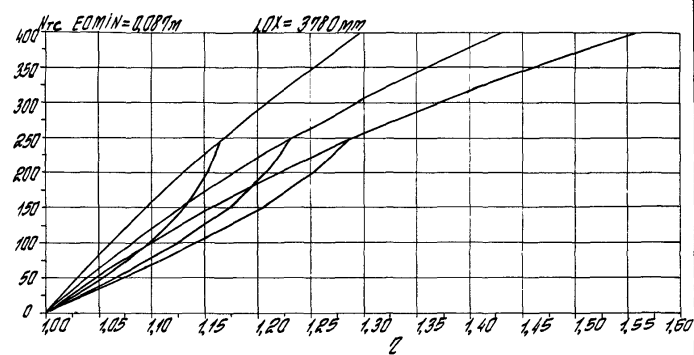
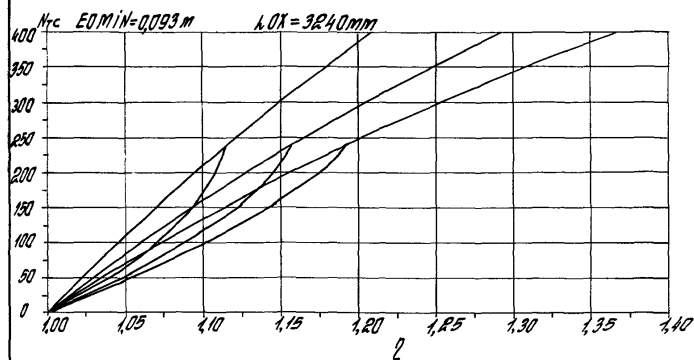
Сталь Ат-БС

Код сечения - 117a



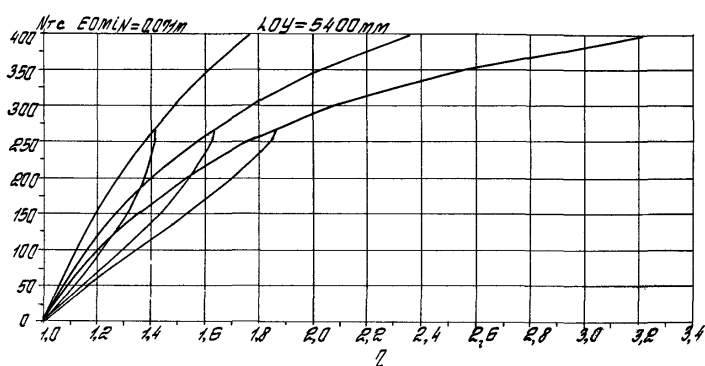
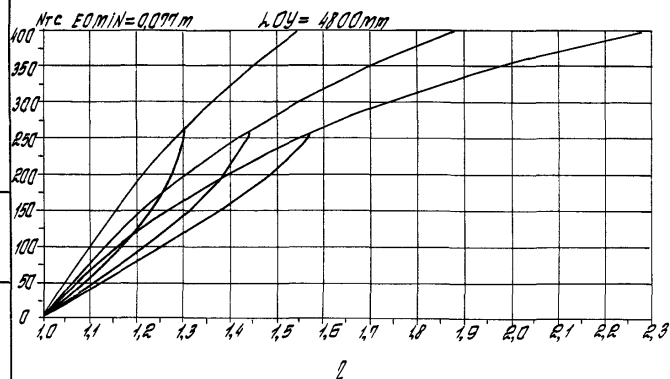
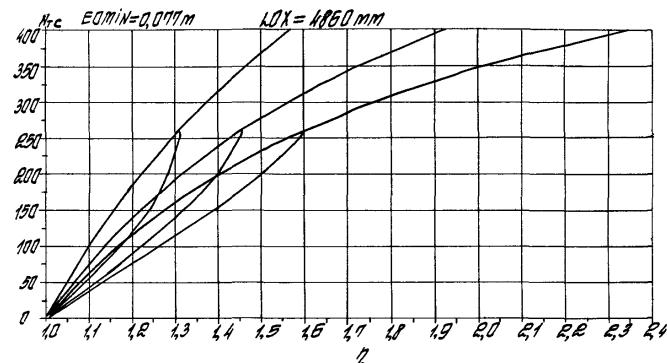
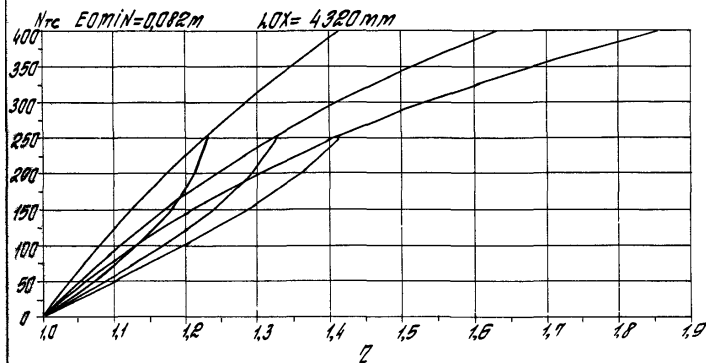
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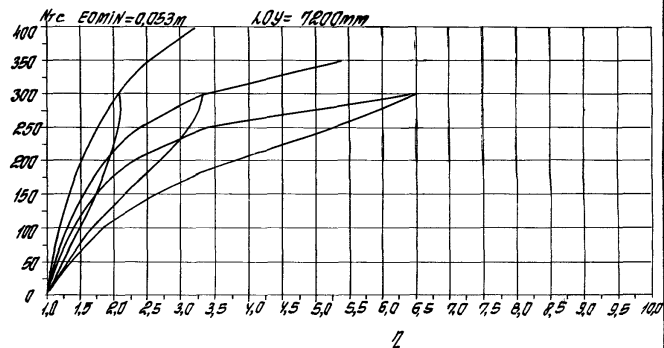
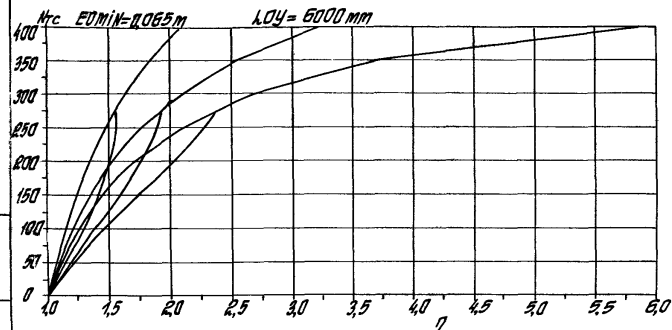
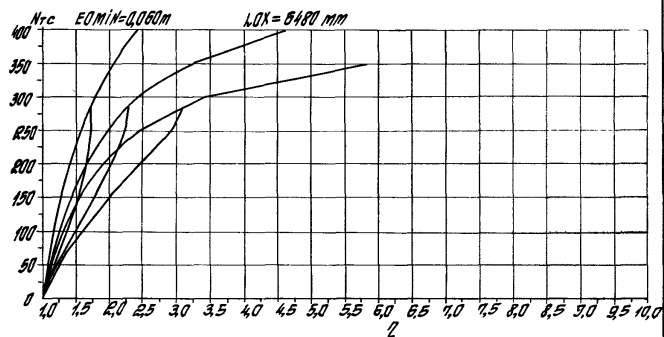
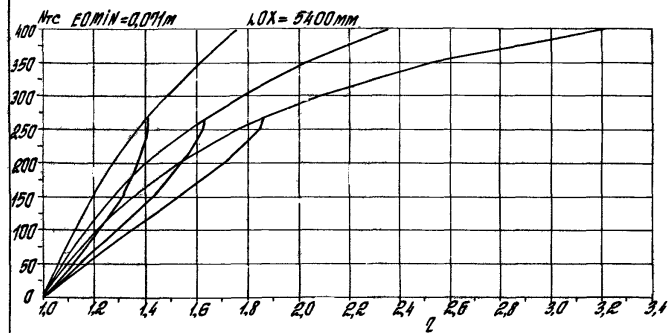
190



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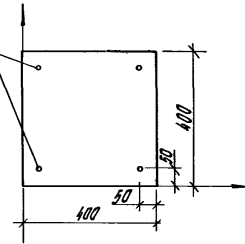


התאחדות המורים והמורות
המחוזית של תל אביב

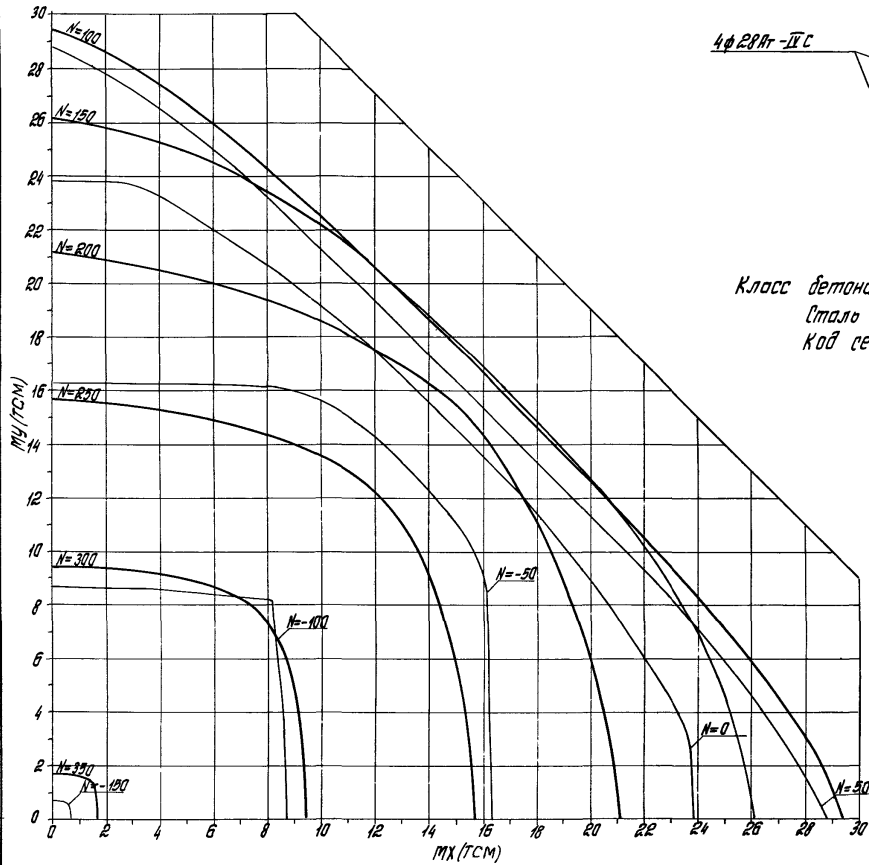
1.020.1-4 0-9 002

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4φ28Aт-IVс

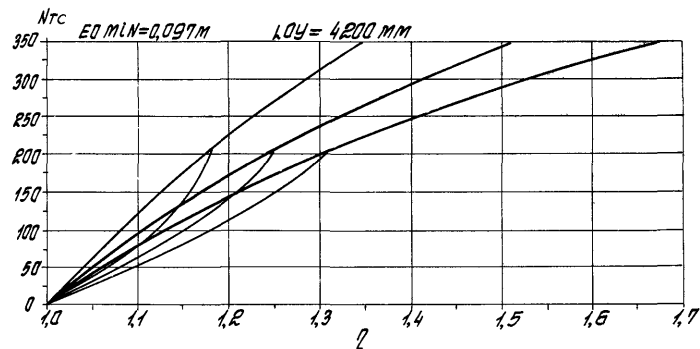
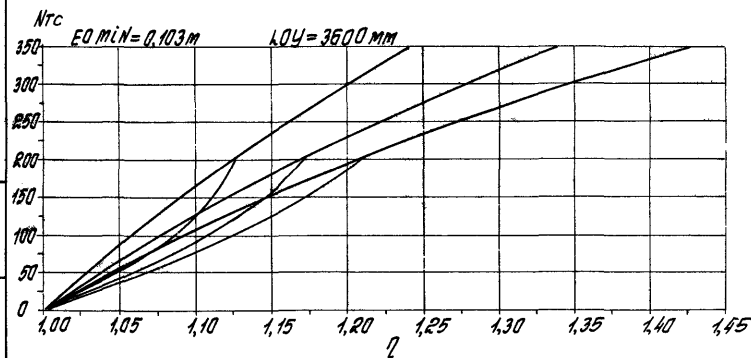
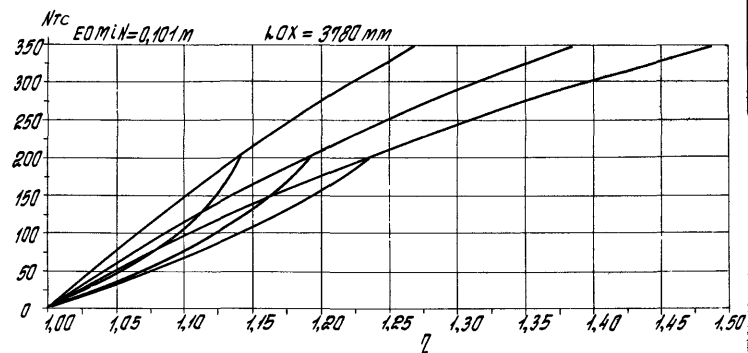
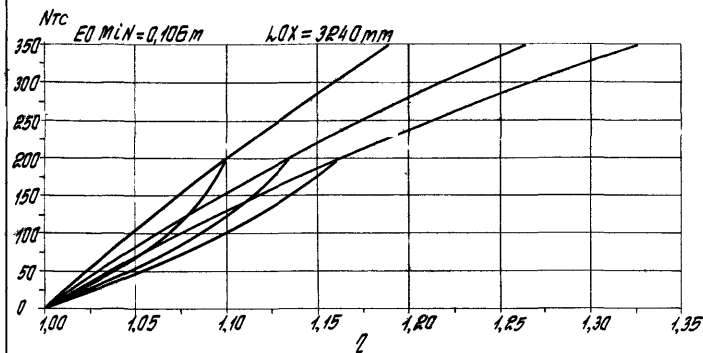


Класс бетона В 30,0 ($R_b = 15,9$ МПа при учете $\gamma_{b2} = 0,90$)
 Сталь Ат-IVс
 Код сечения - 117Б



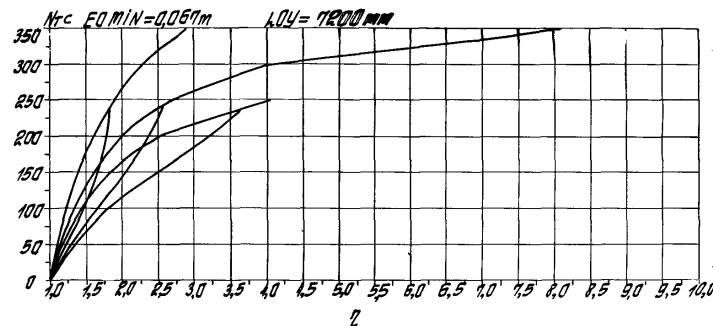
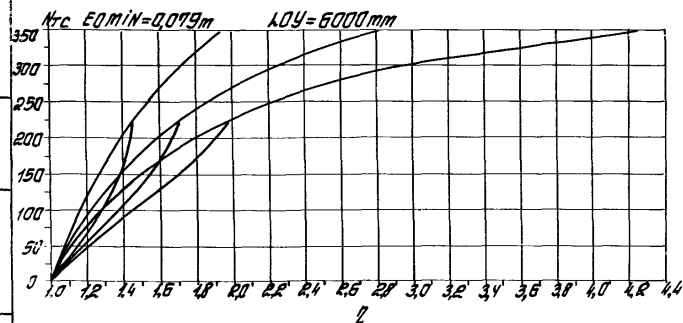
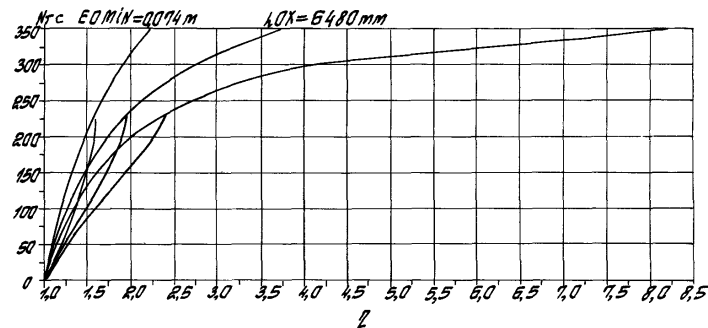
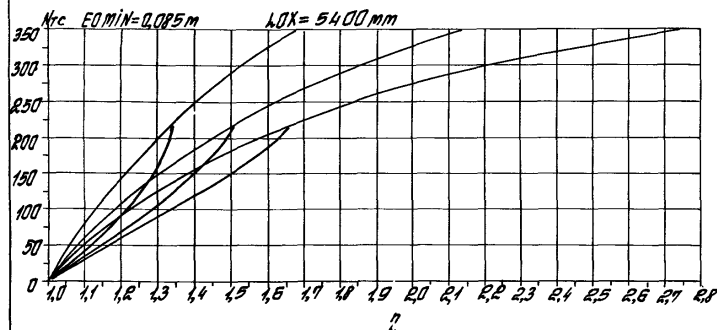
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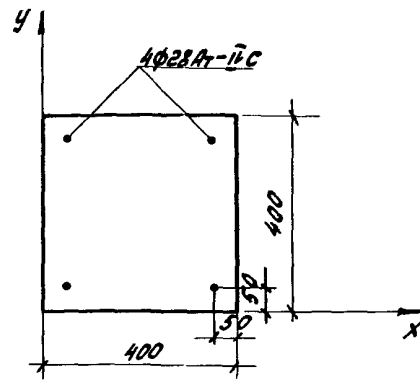
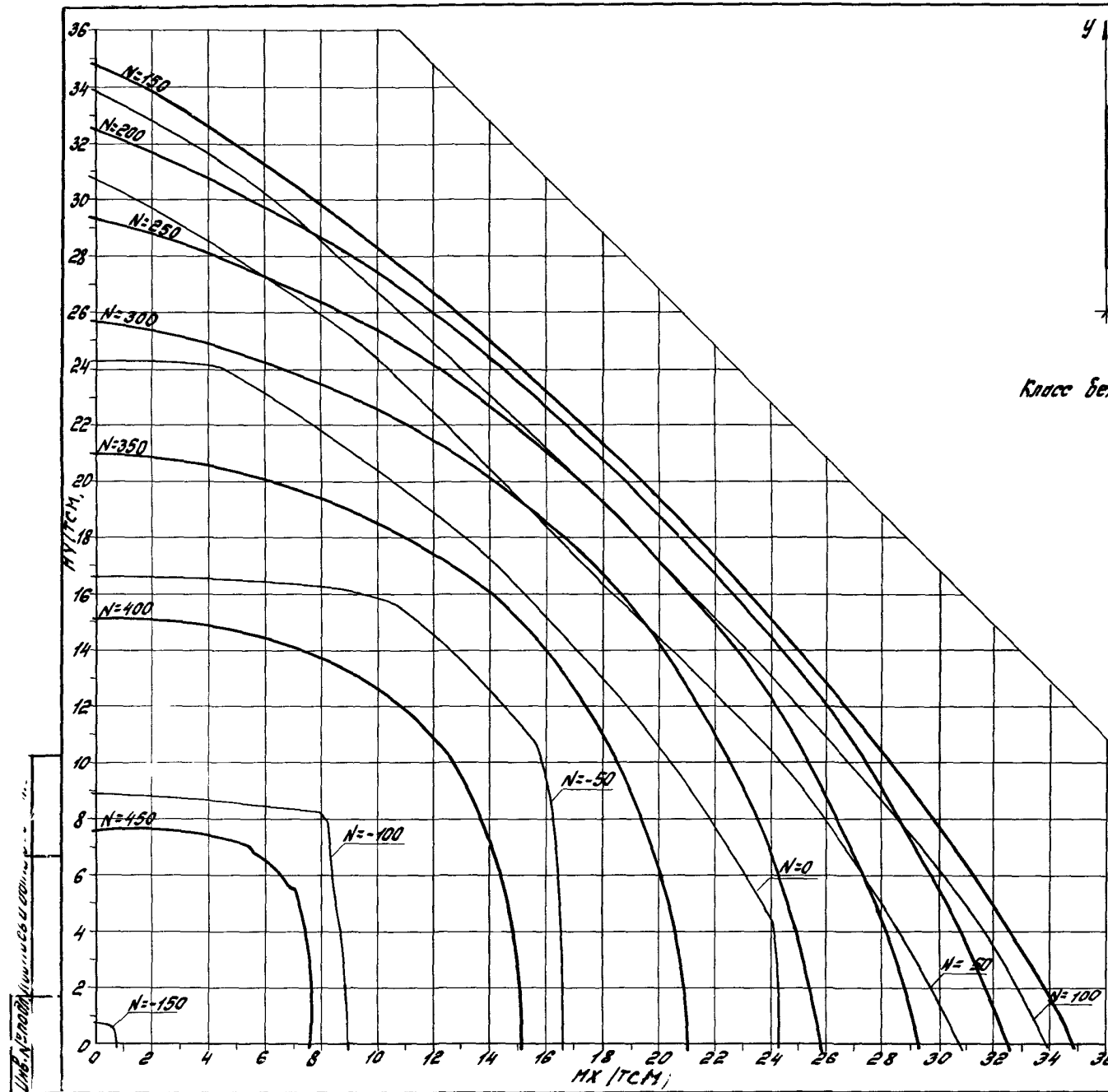
1. 020. 1-4 0-9 002

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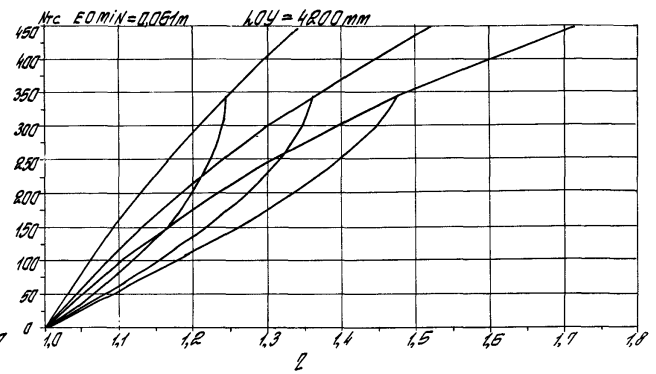
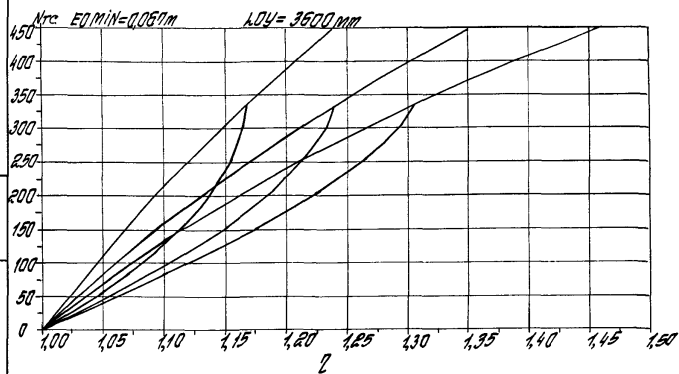
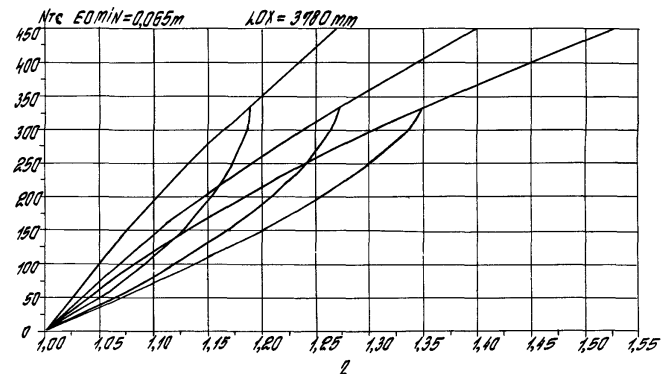
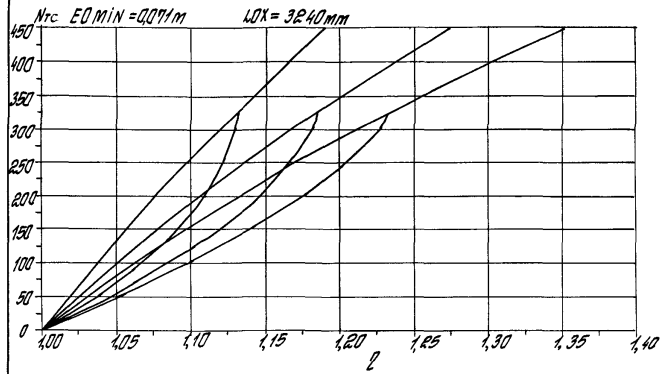
Лист
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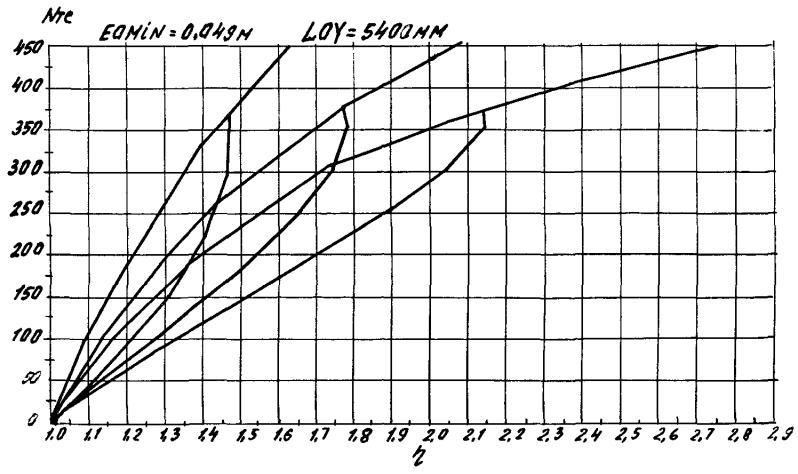
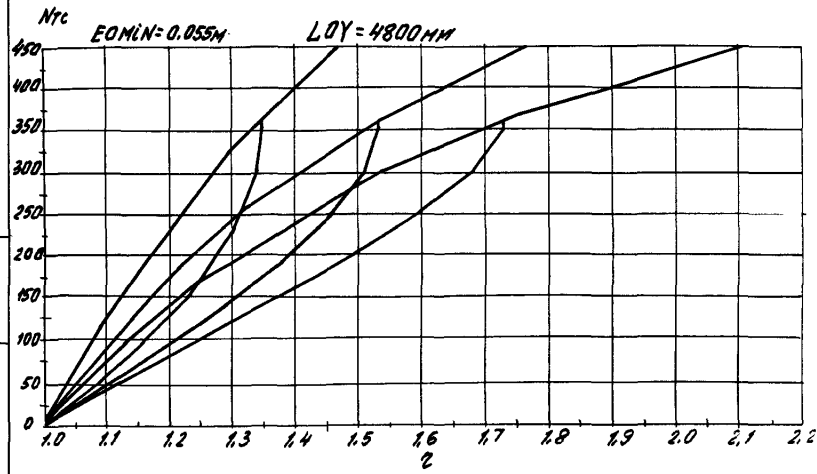
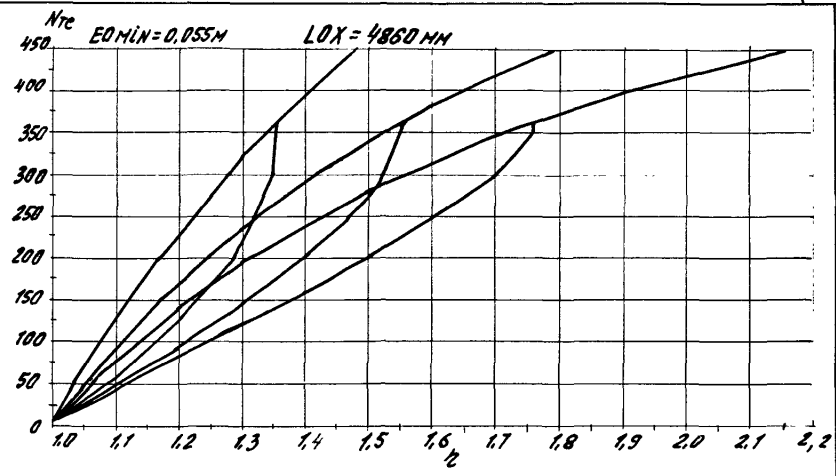
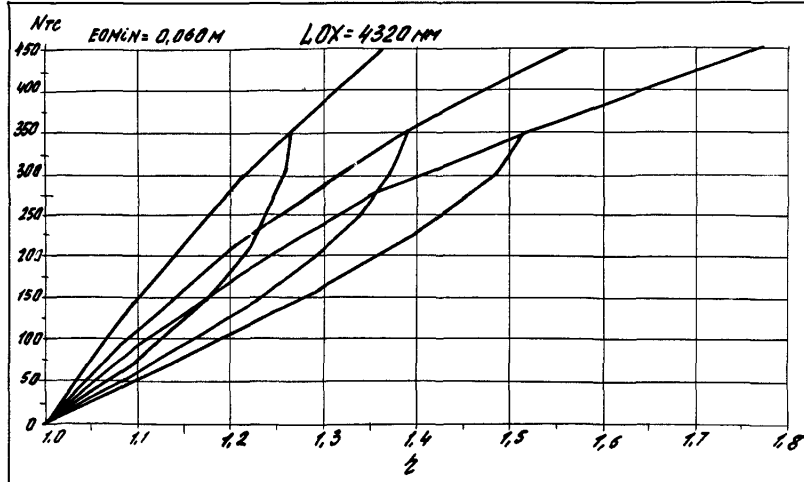
Класс бетона В40.0 ($R_b = 24.2 \text{ МПа}$ при учёте $\gamma_{R_s} = 1.10$)
 Сталь Ат-118
 Код сечения - 118а

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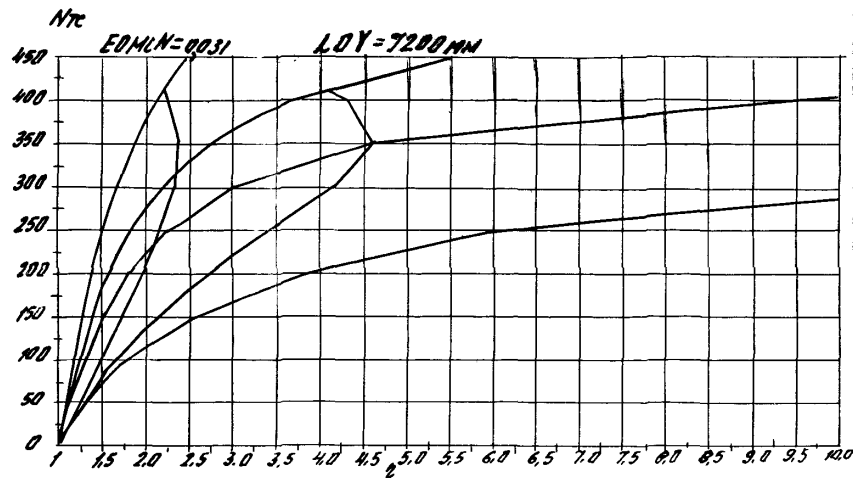
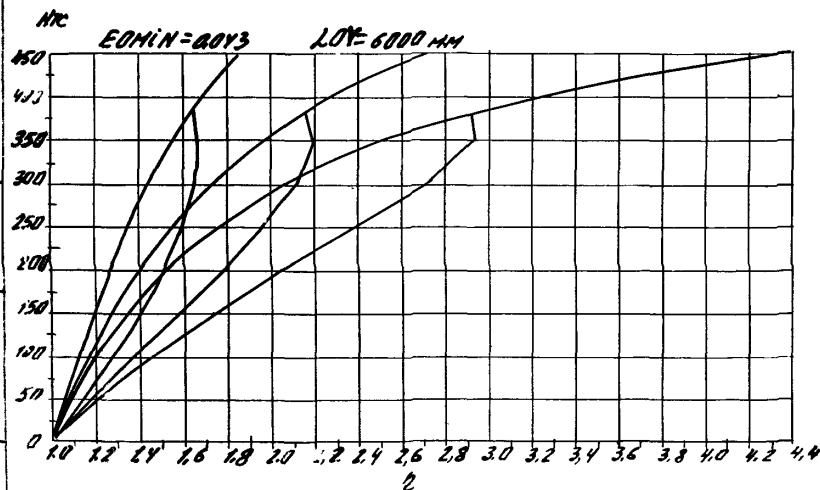
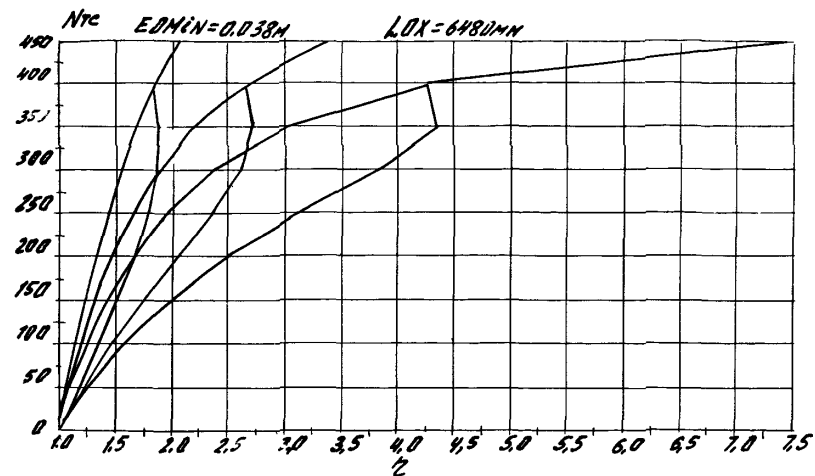
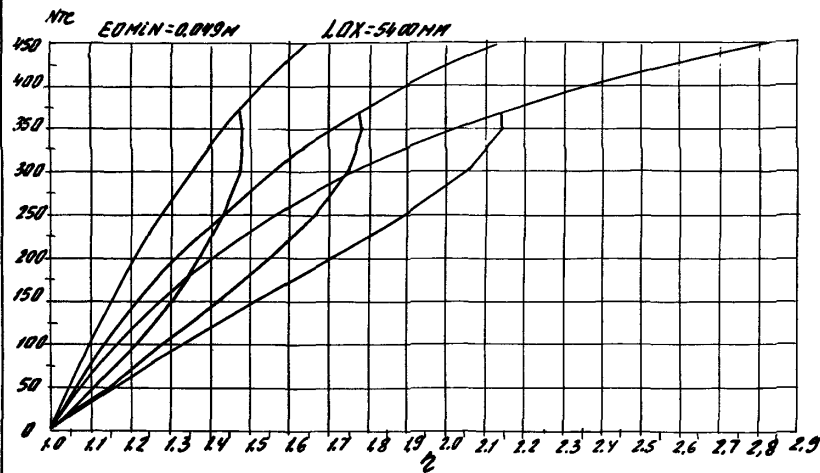
Лист
137



Лист № 002. Подписано в печать 1998 г. №

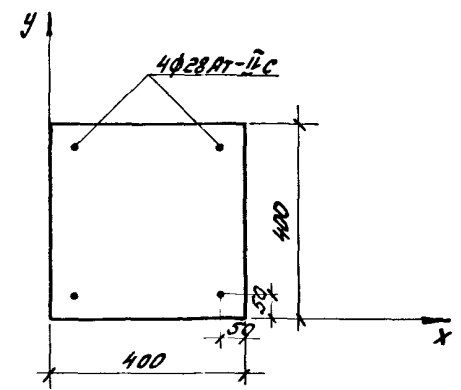
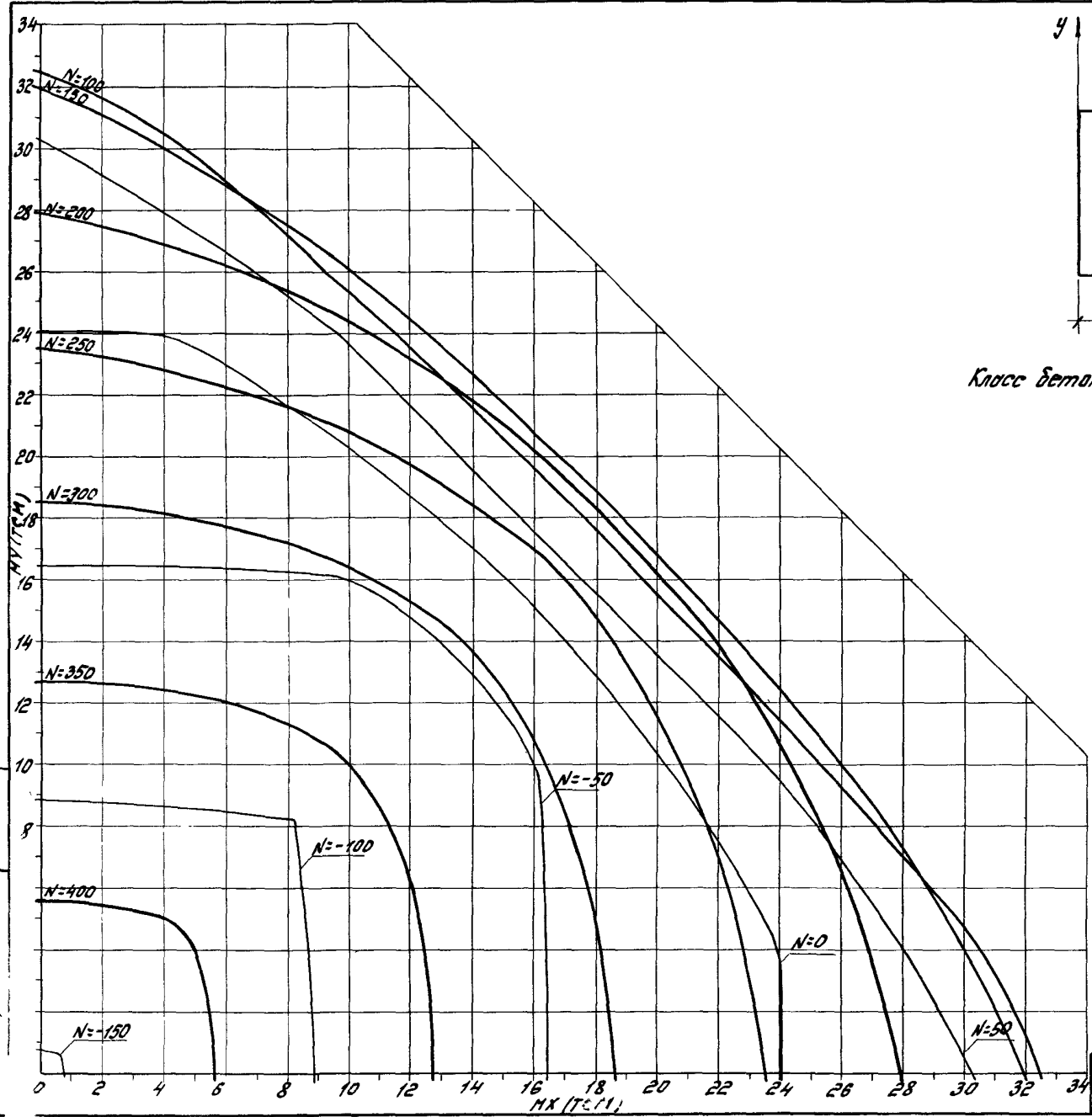


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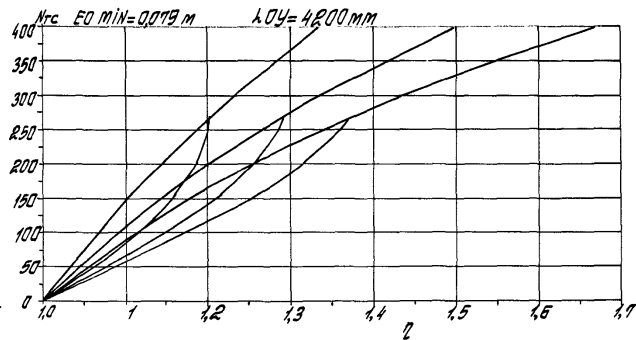
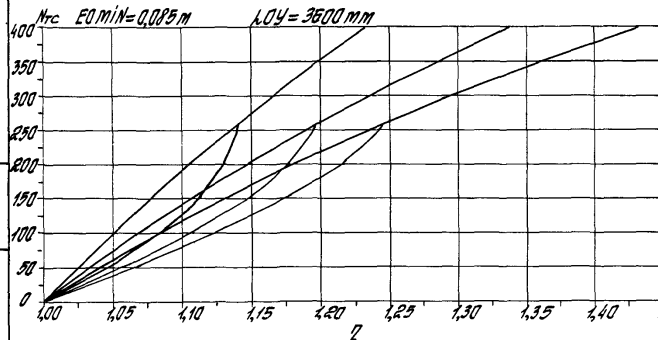
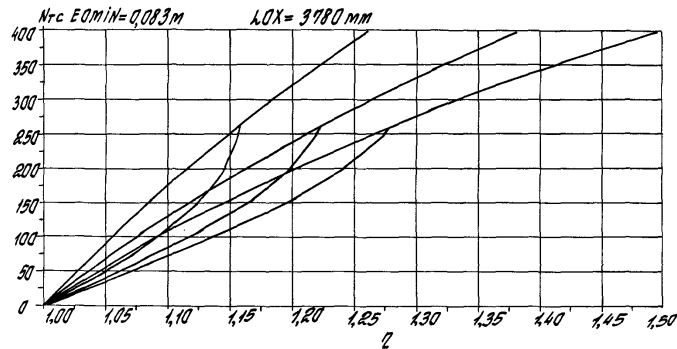
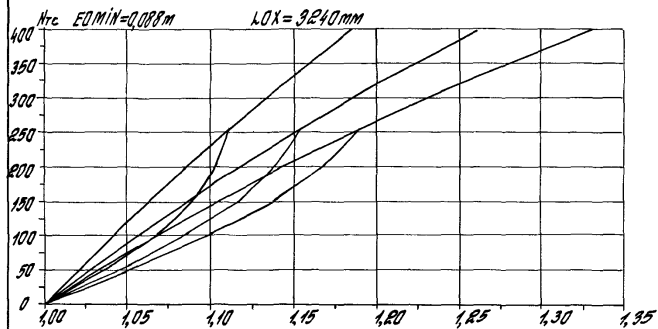


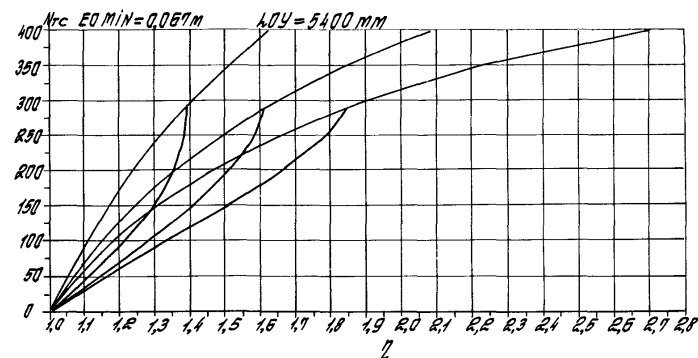
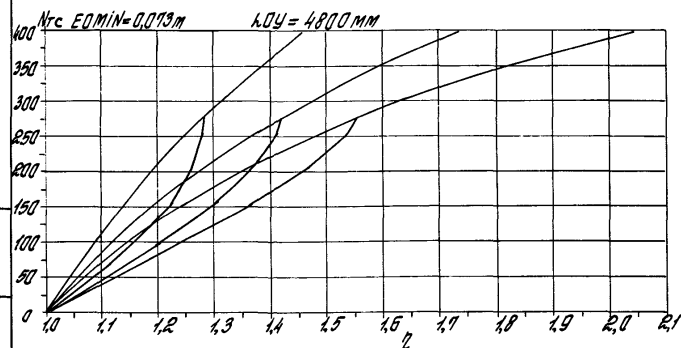
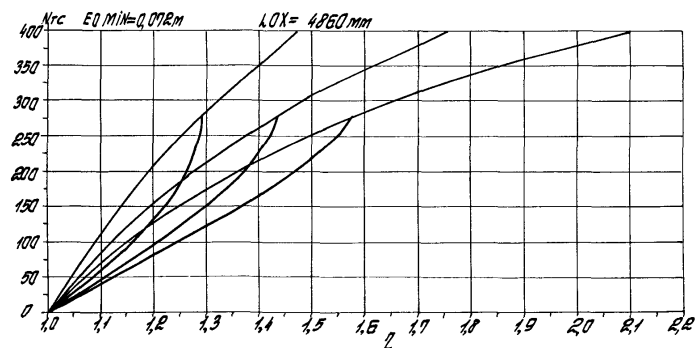
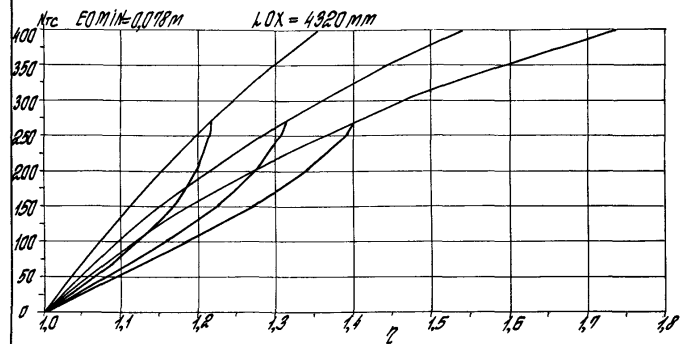
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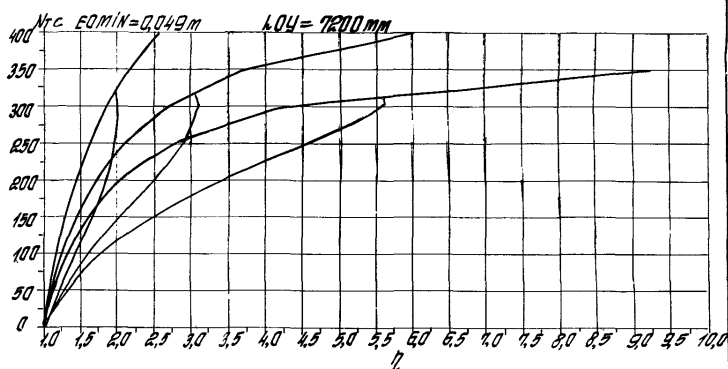
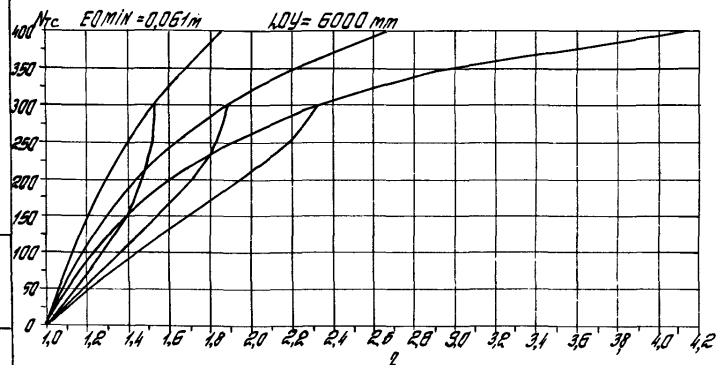
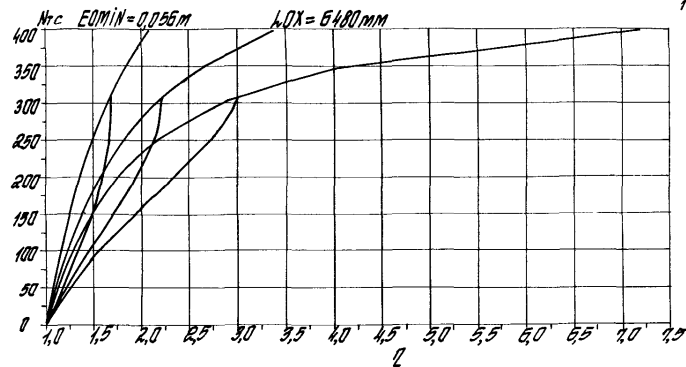
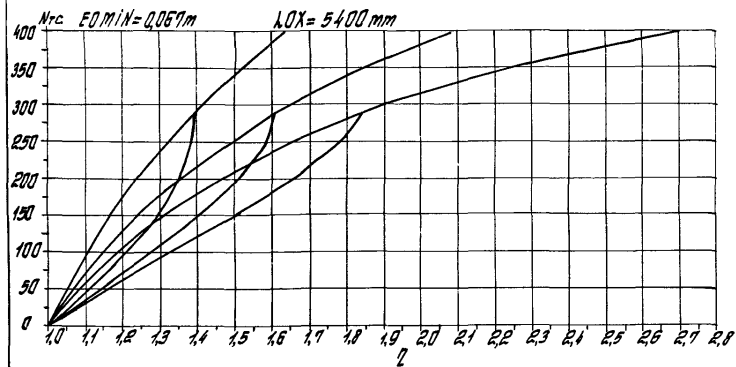
Класс бетона В40.0 ($R_b = 19.8 \text{ МПа}$ при учёте $\gamma_{b2} = 0.90$)
Сталь $A_t - \bar{I}C$
Код сечения - 1135





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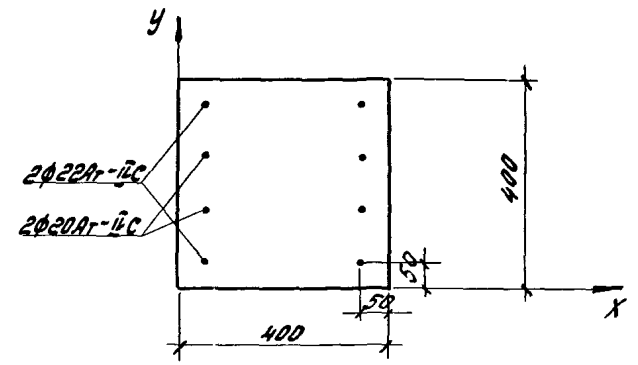
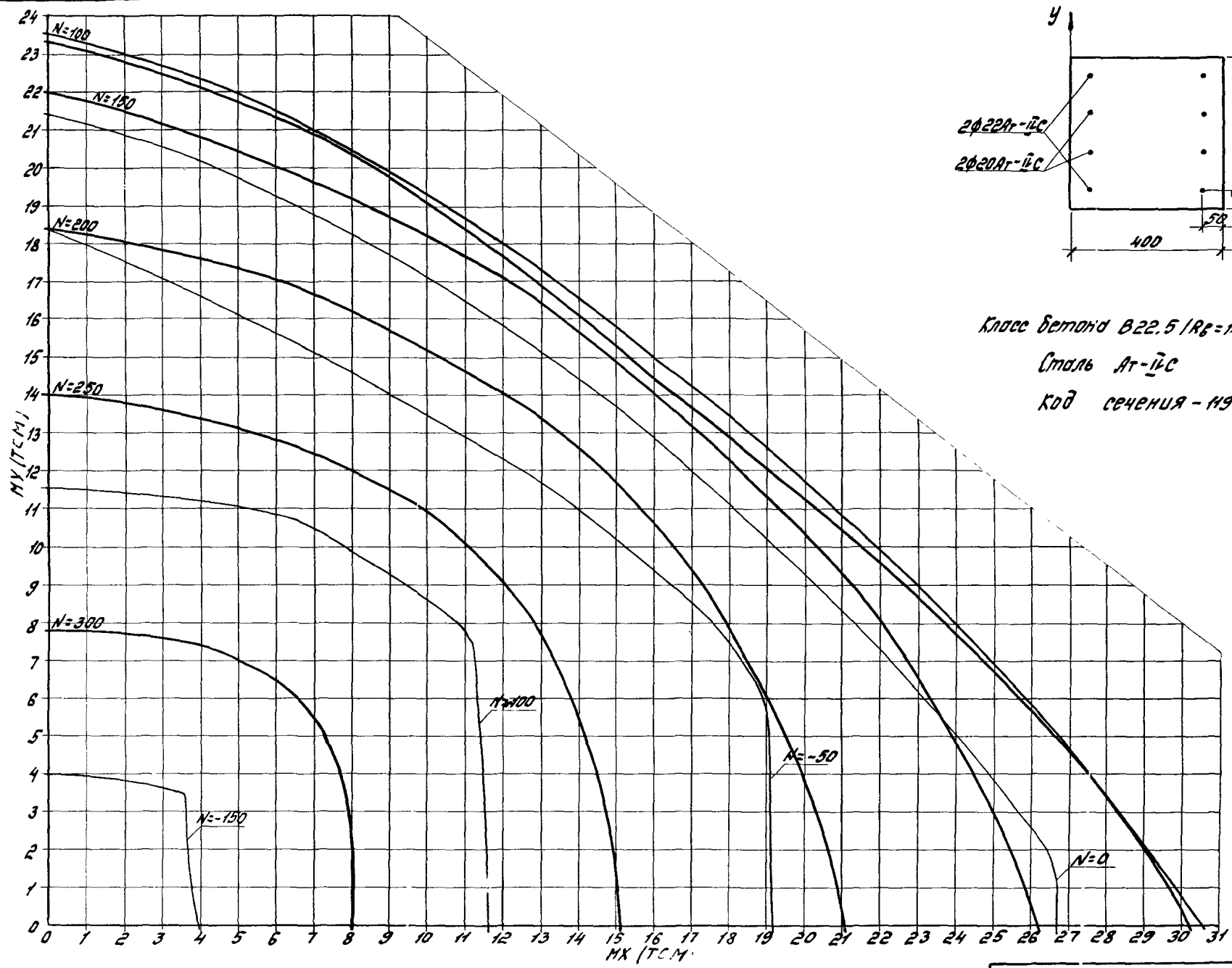
Nrc
143



УИИ № 1004. Подписи и дата. Взято: 1986. 11.06.1986.

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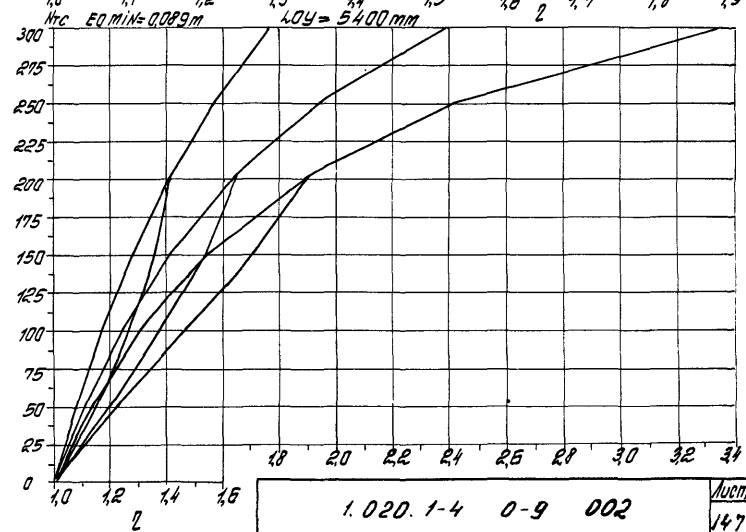
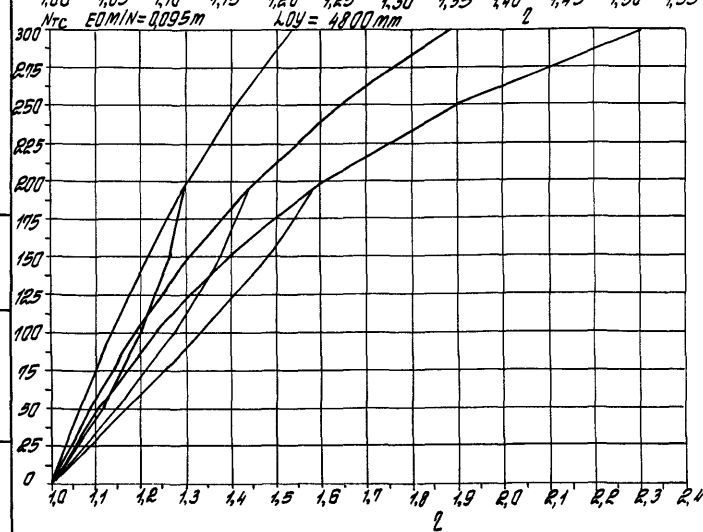
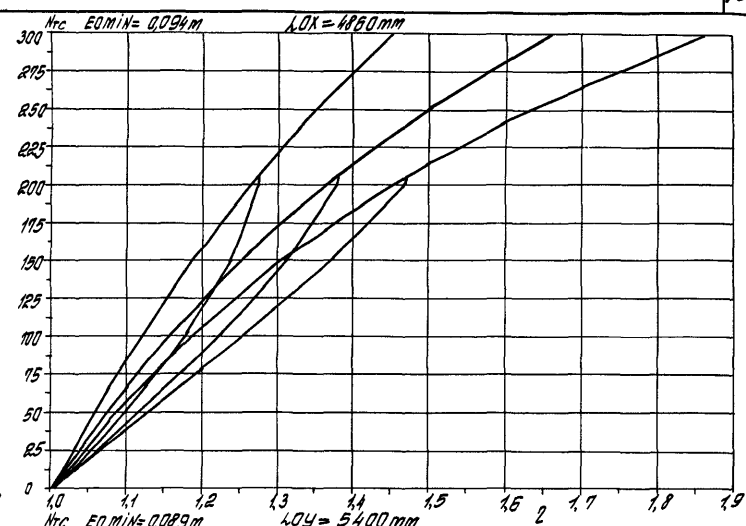
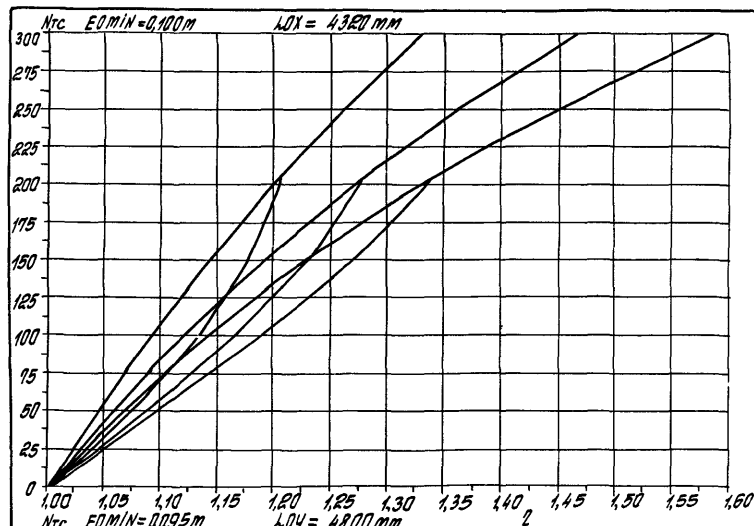
144

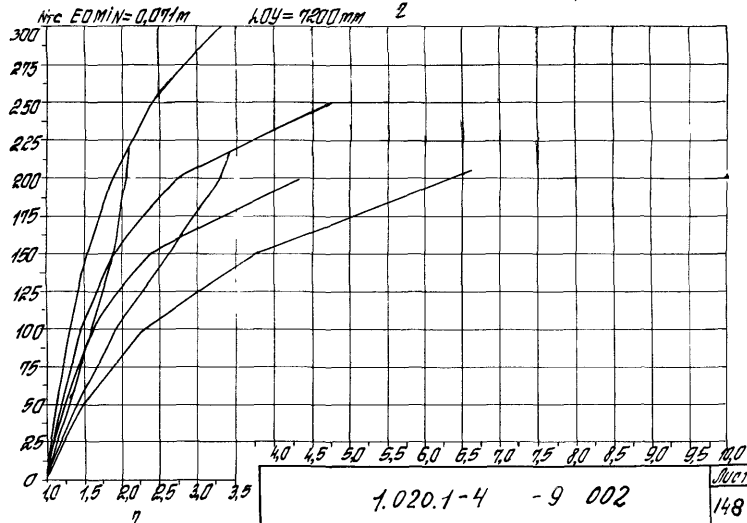
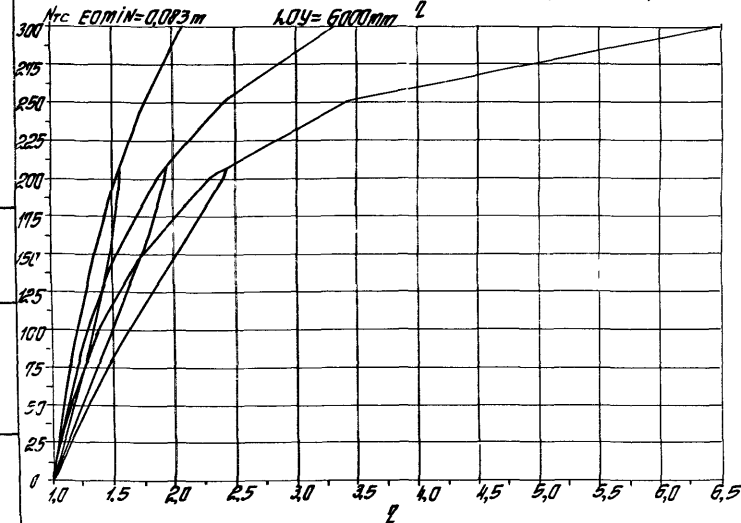
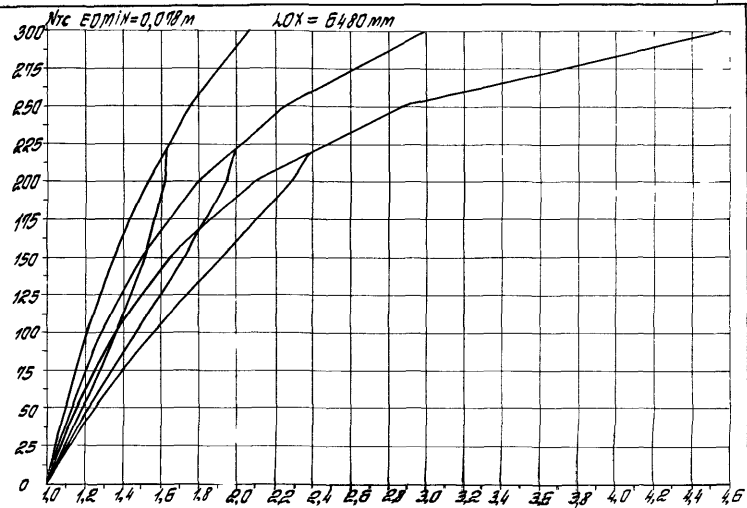
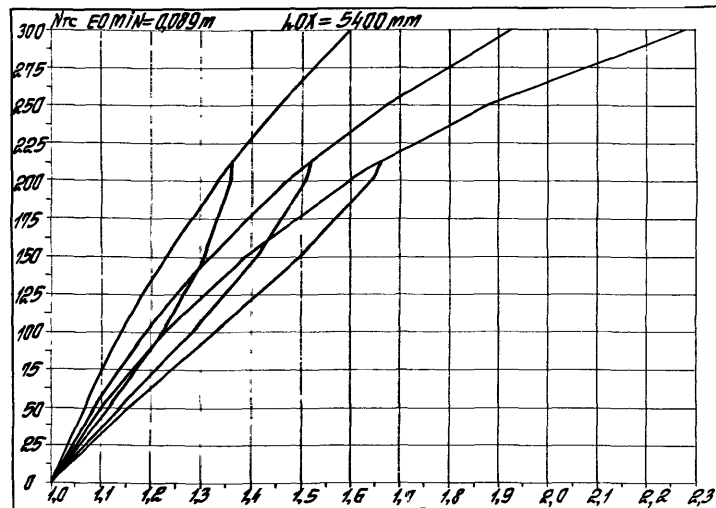


Класс бетона В22.5 / $R_b = 14.3$ МПа при учете $\gamma_{b2} = 1.10$
Сталь Ar-1C
Код сечения - Н94

1.025. 1-4 0-4 002

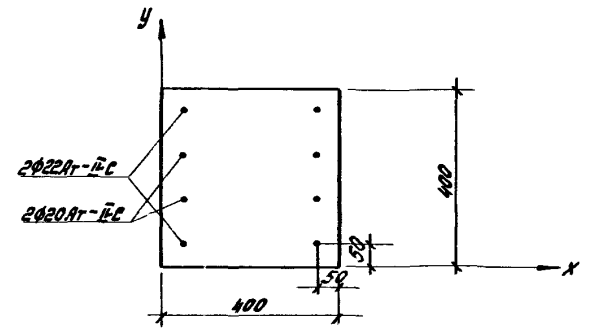
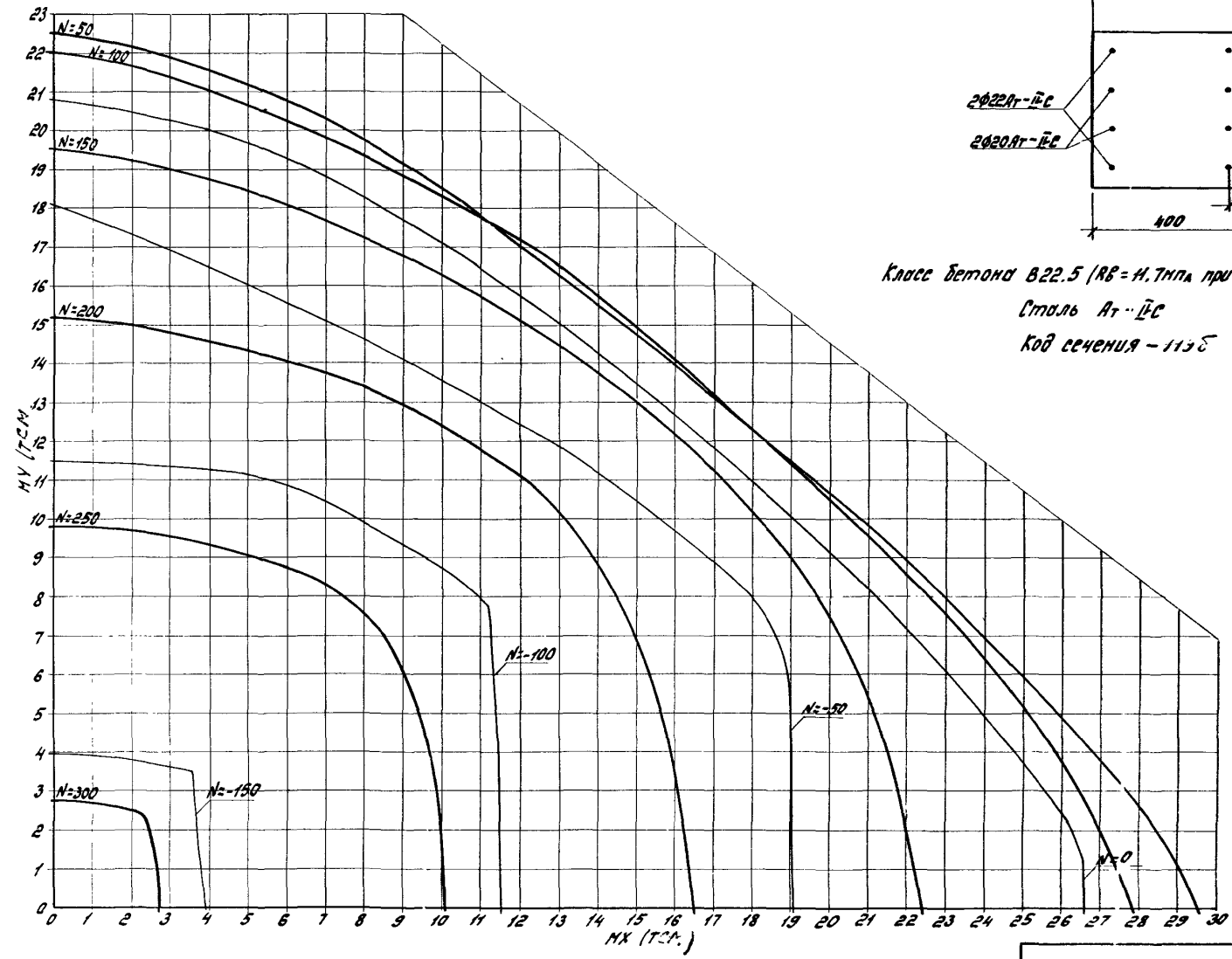
14.5





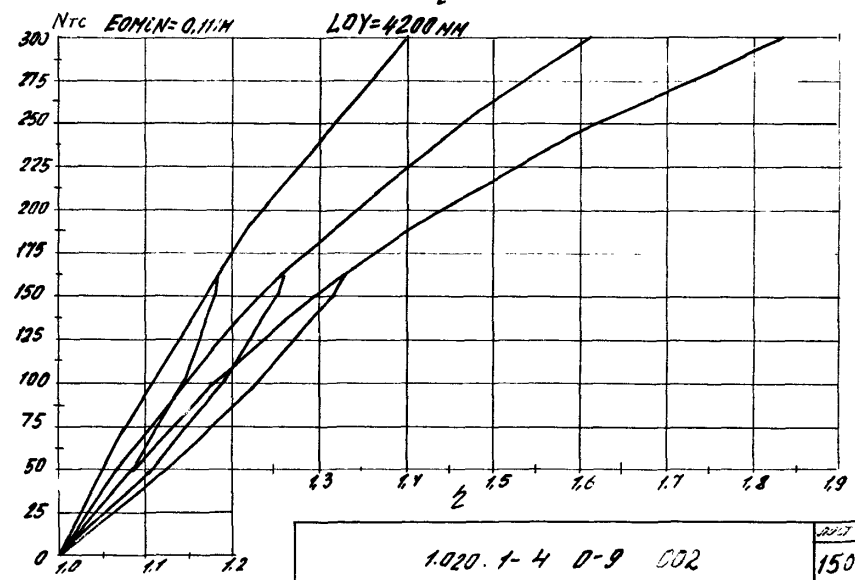
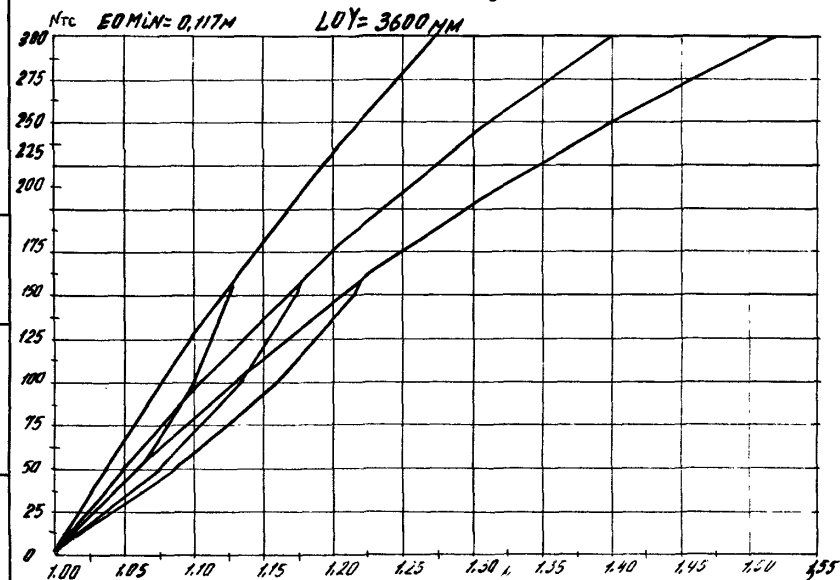
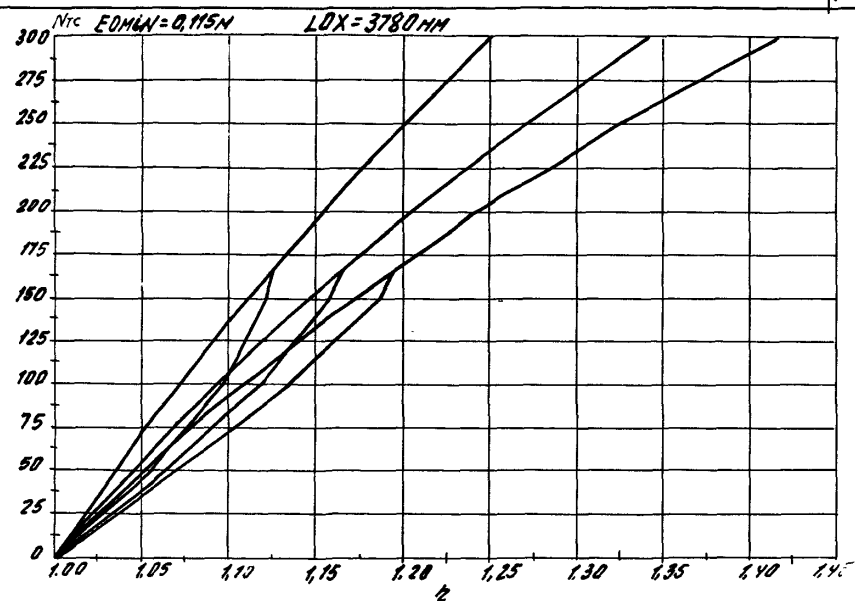
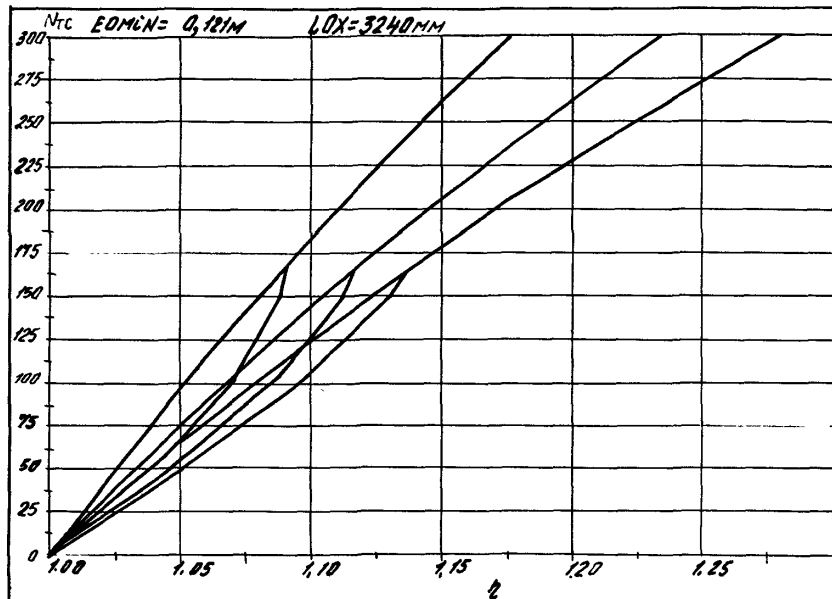
1.020.1-4 - 9 002

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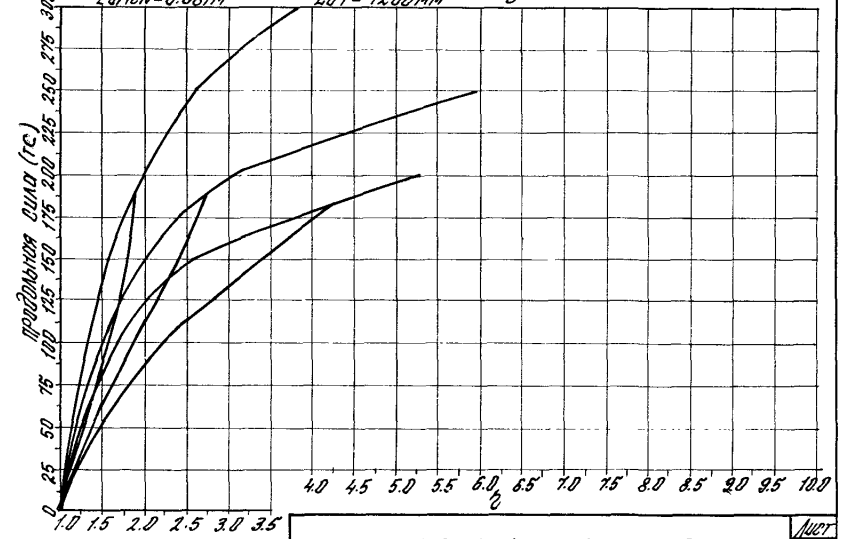
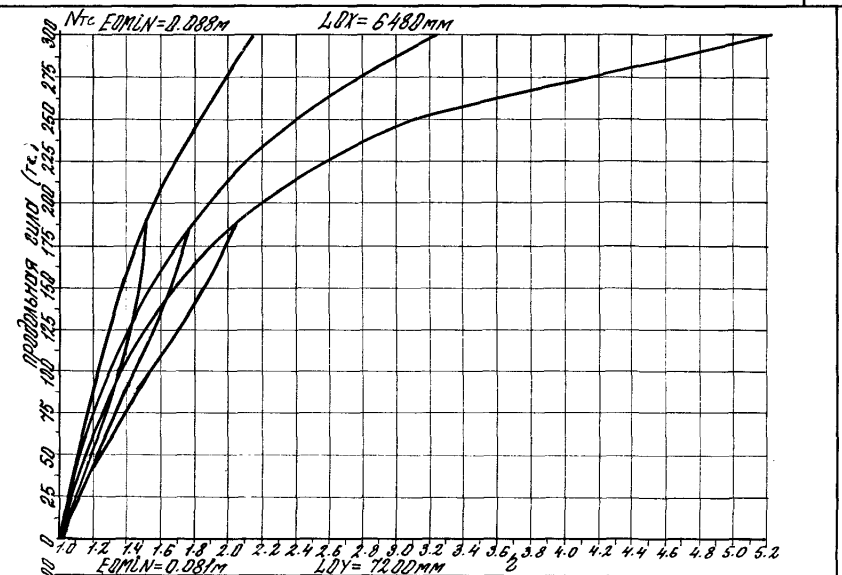
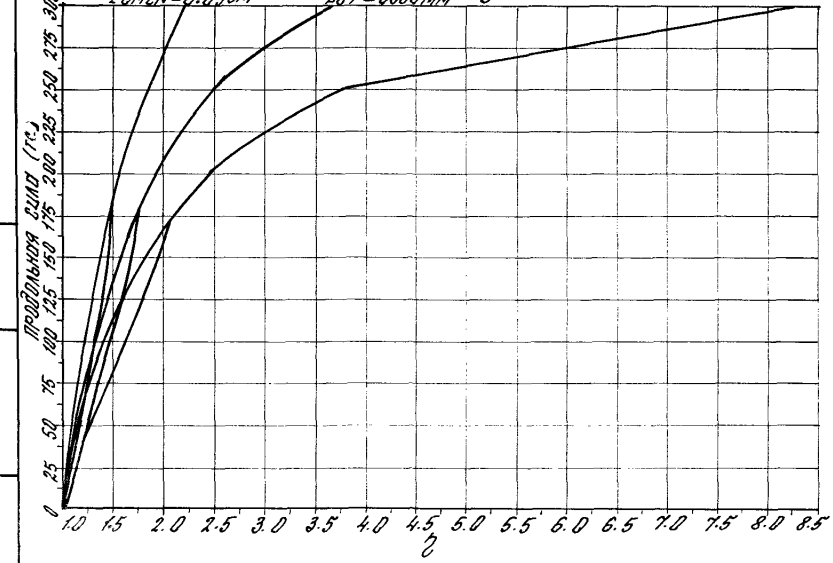
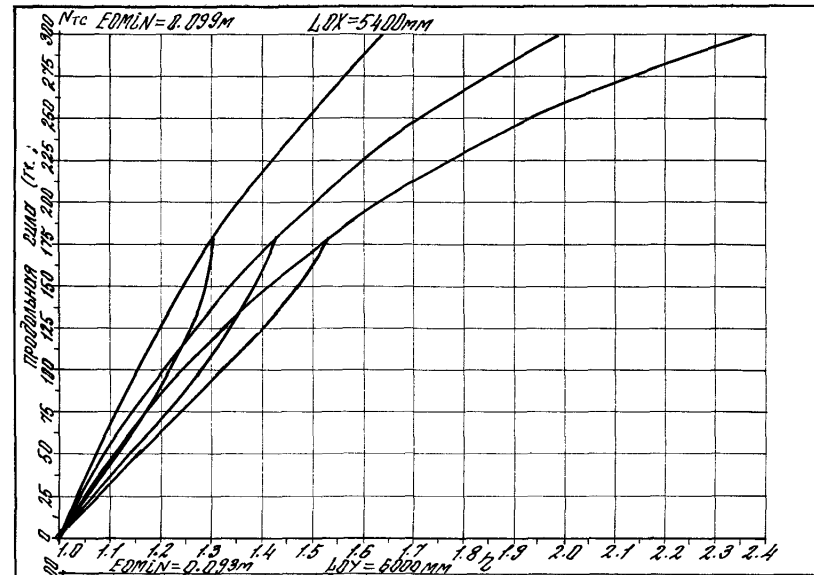


Класс бетона В22.5 ($R_b = 11$ МПа при учёте $\gamma_{b2} = 0.90$)
Сталь Ат-IIc
Код сечения - 115Б

1.020. 1-4 0-9 002

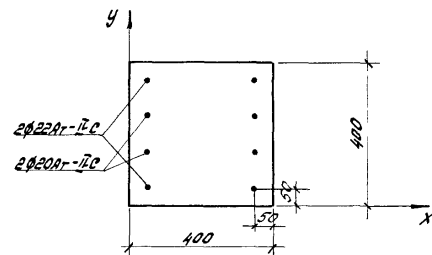
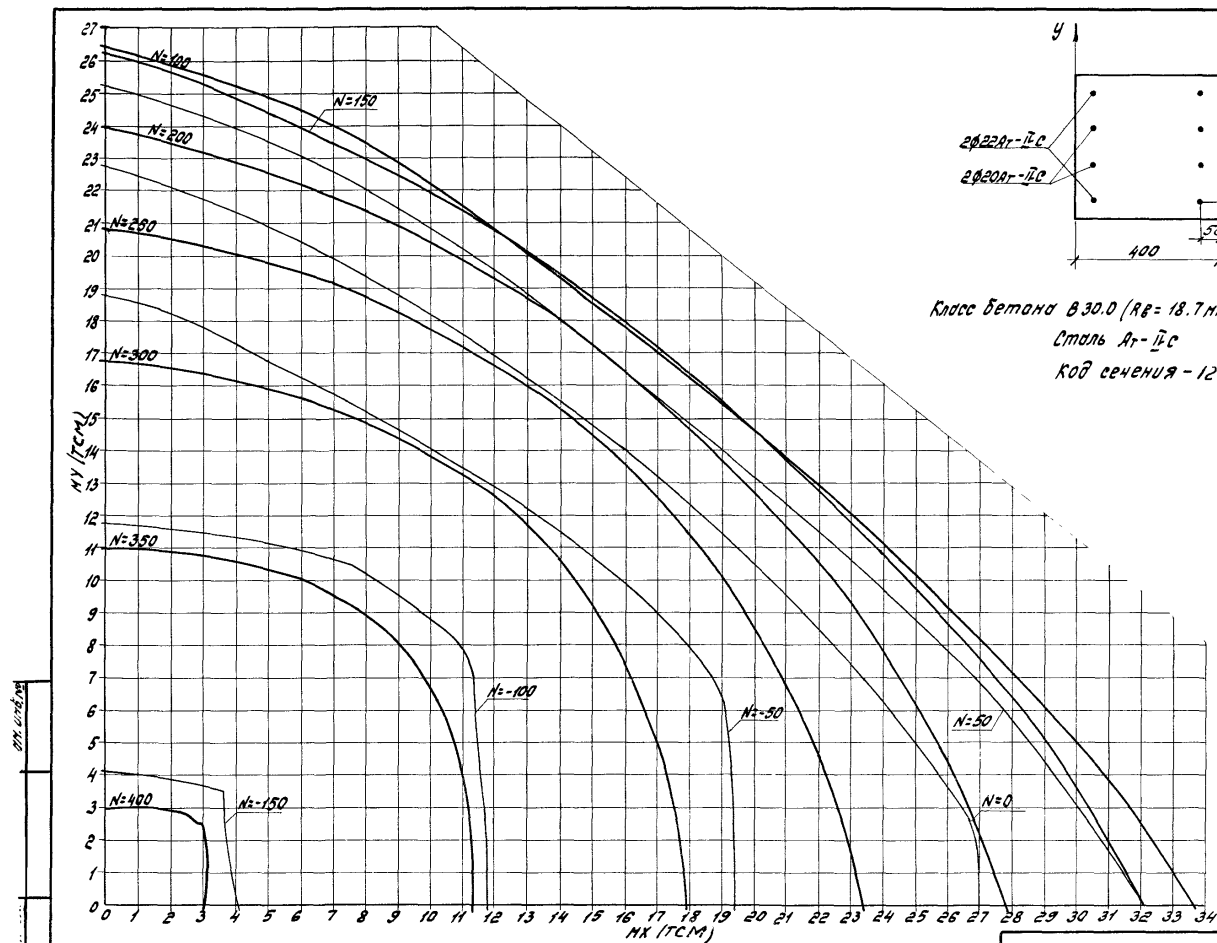


Удельная теплоемкость
в единицах



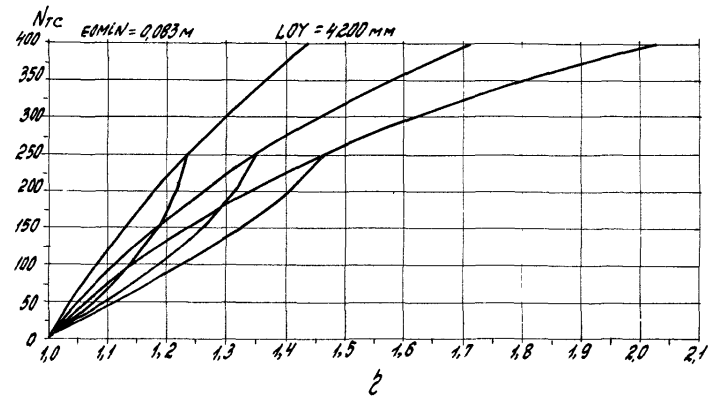
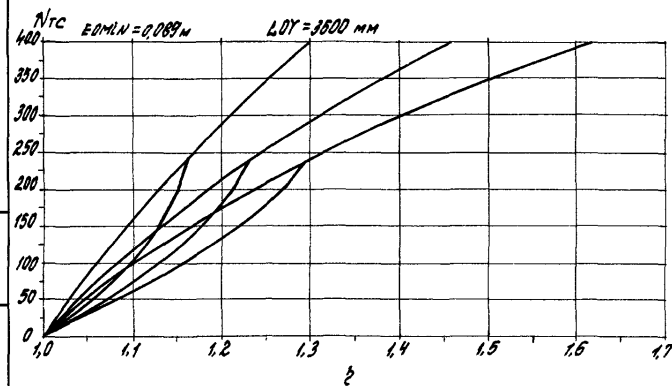
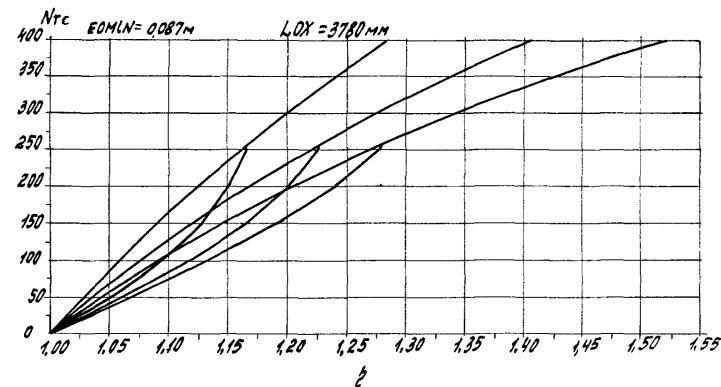
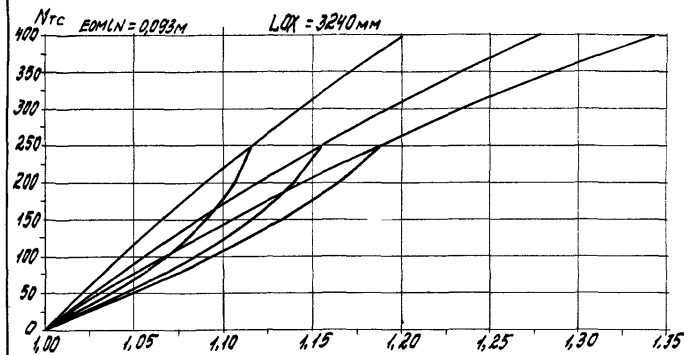
1.020.1-4 0-4 002

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Класс бетона В30.0 ($R_b = 18.7$ МПа при учёте $\gamma_{b2} = 1.10$)
 Сталь А-I - II
 Код сечения - 120.4

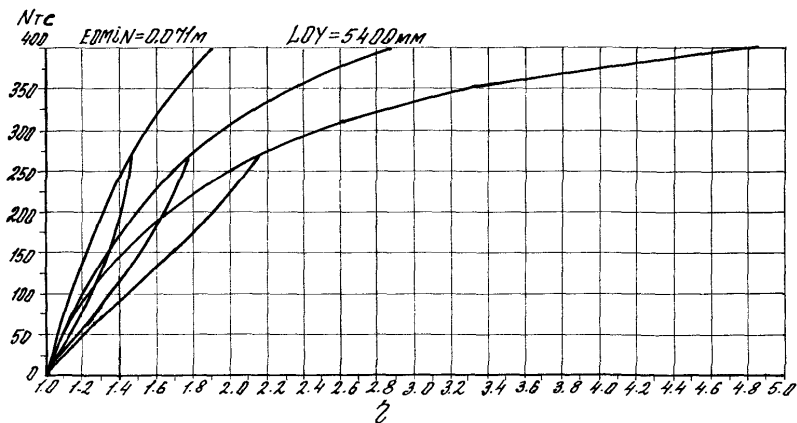
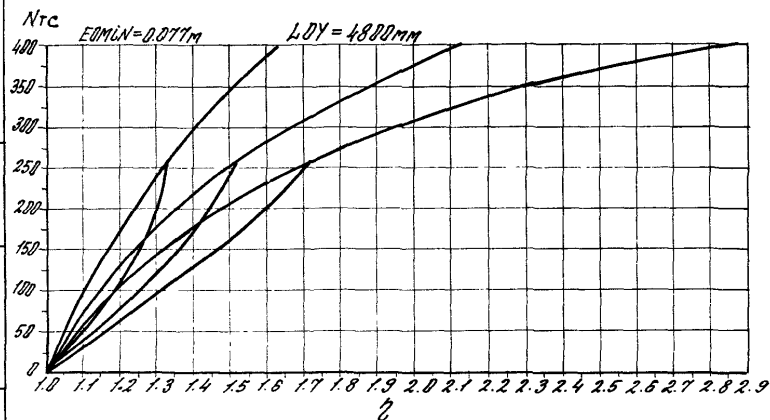
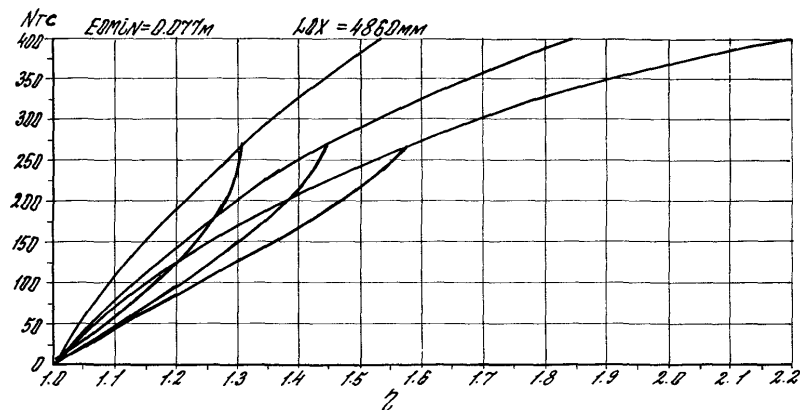
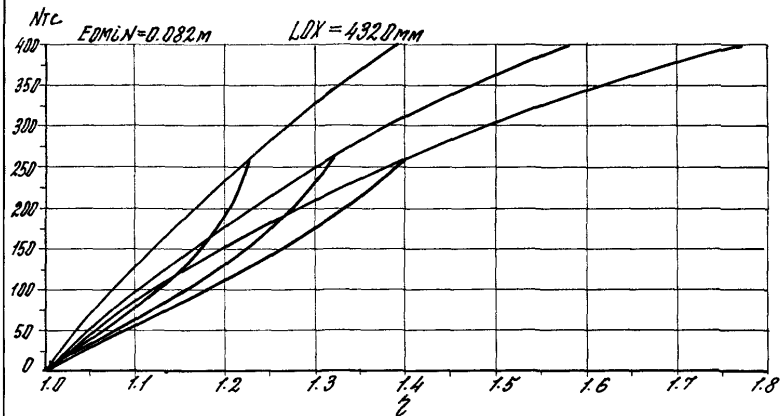
1.020. 1-4 0-9 002



Указ. номера (подписи) в форме 8-000-000-000

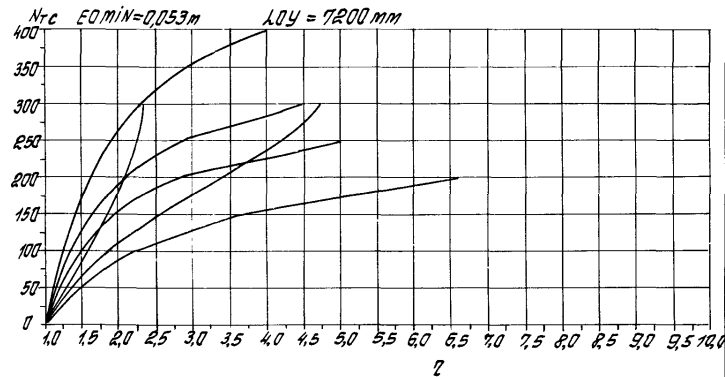
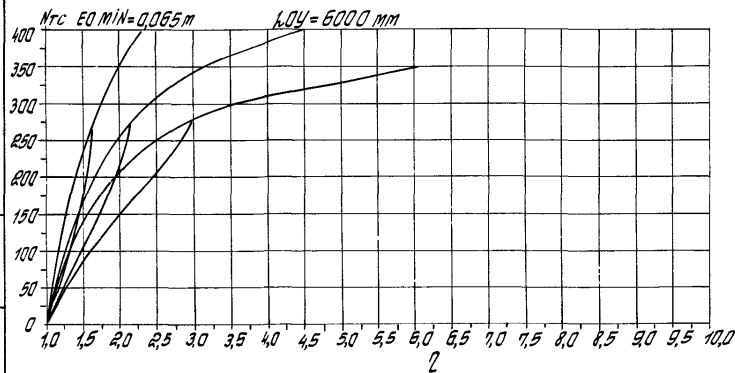
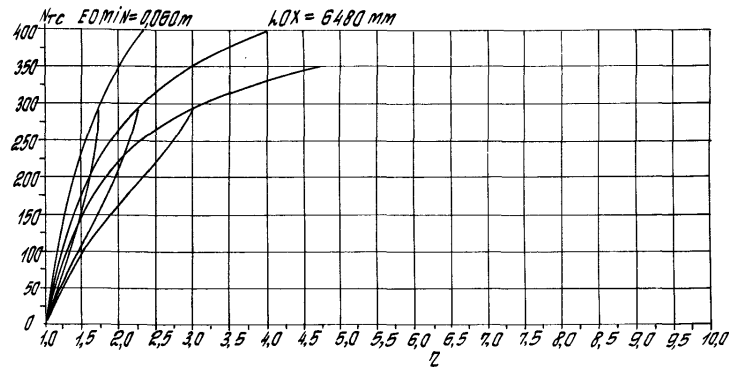
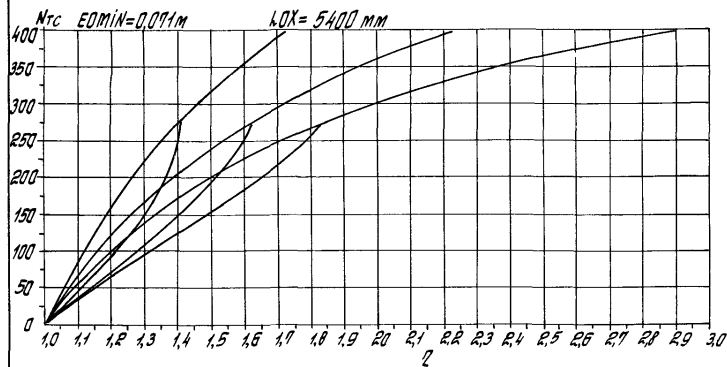
1.020.1-4 0-9 002

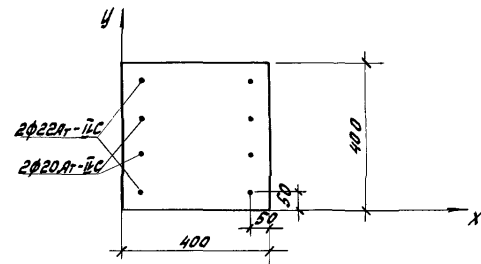
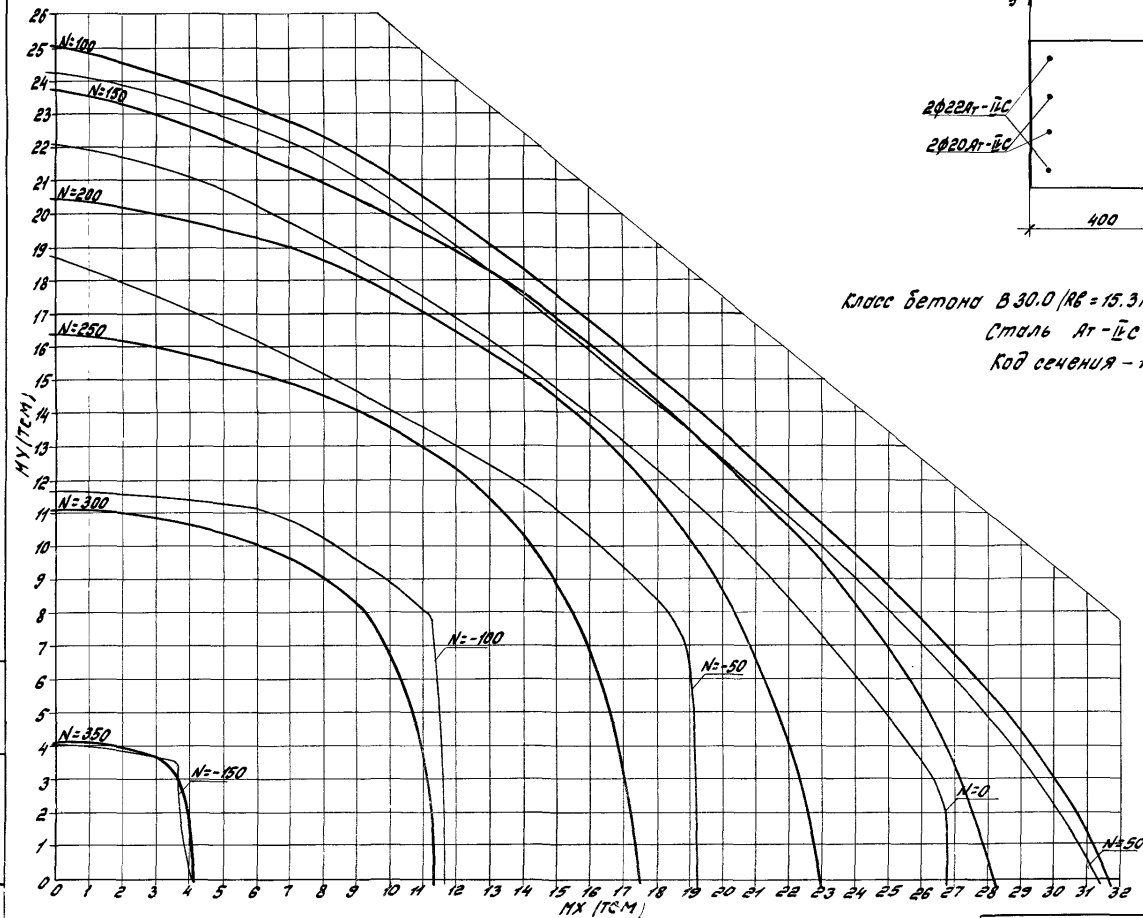
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1.022. 1-4 0-9 002

Aug 7
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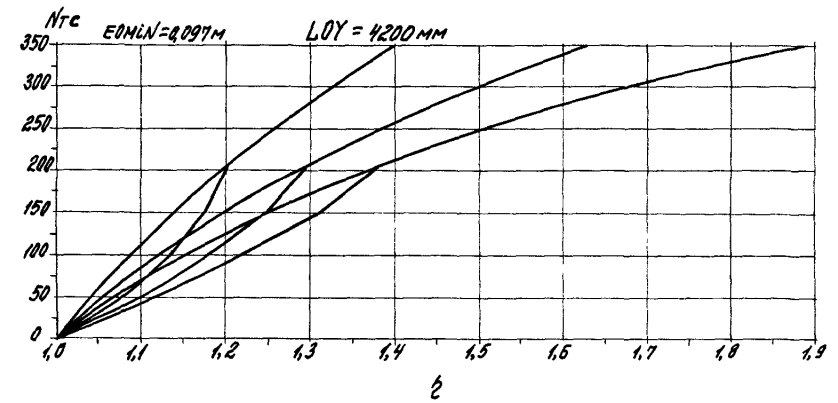
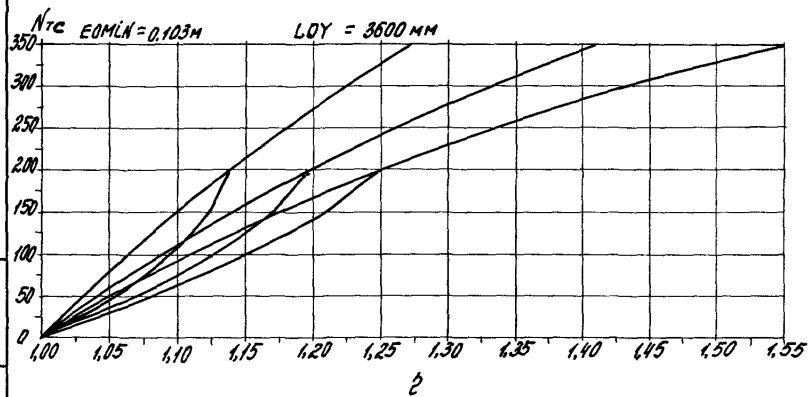
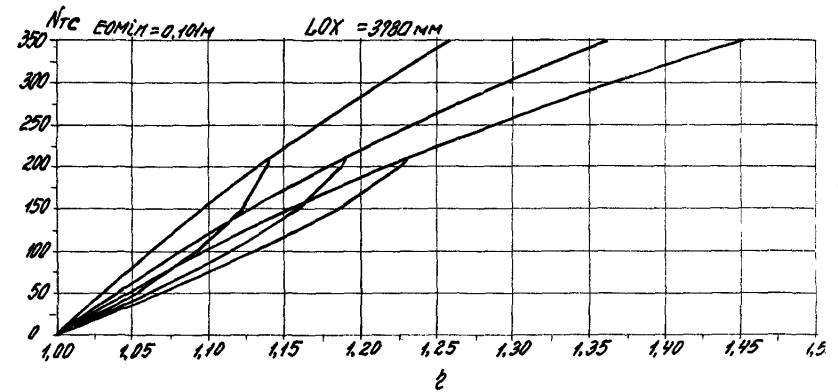
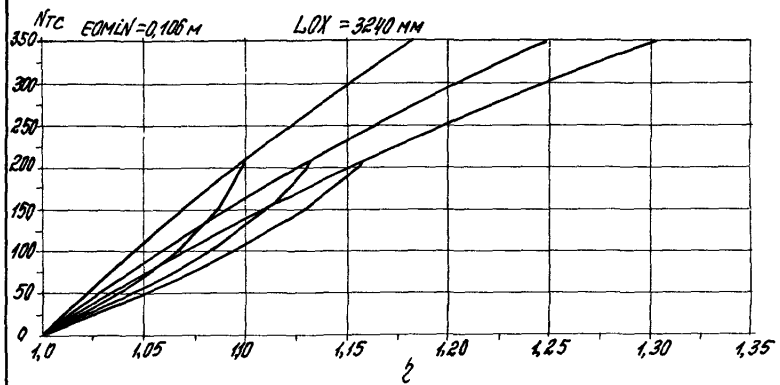




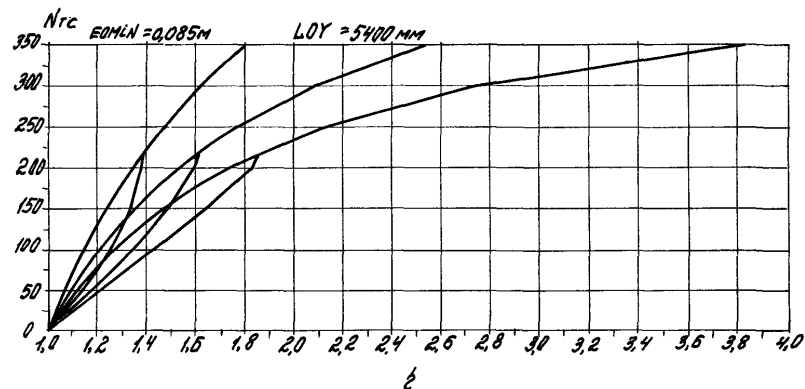
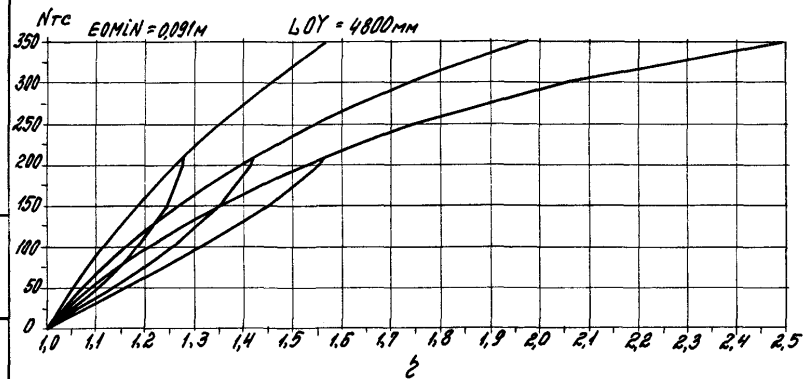
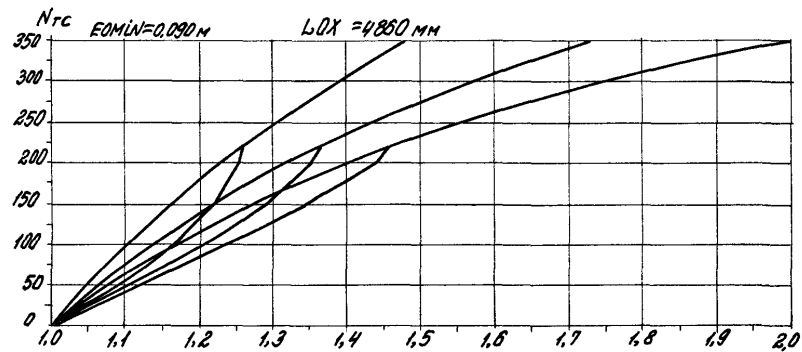
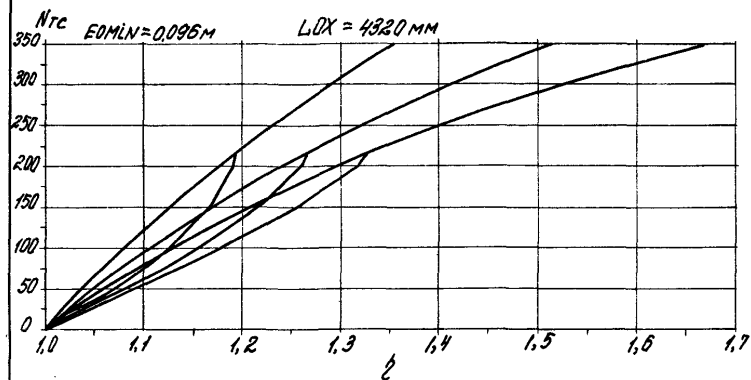
Класс бетона В 30.0 ($R_b = 15.3$ МПа при учёте $\gamma_{b2} = 0.90$) /
 Сталь Ар-1С
 Код сечения - 120Б

1.020. 1-4 0-9 002

Лист
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УТВЕРЖДАЮЩИЙ ПОДПИСЬ

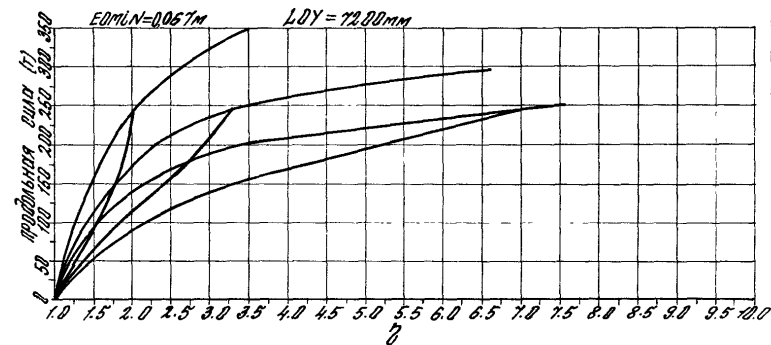
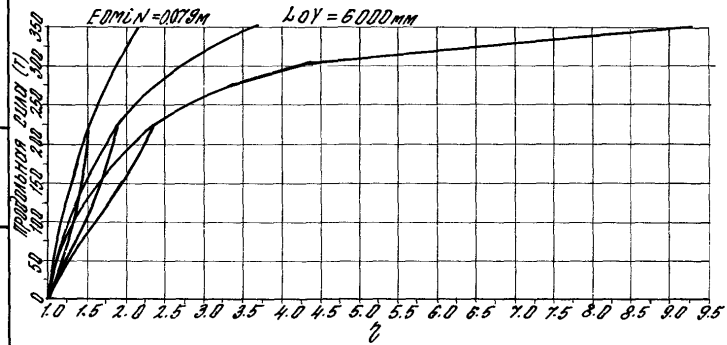
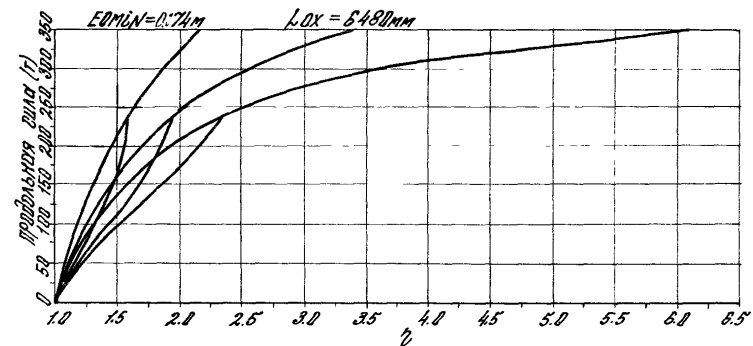
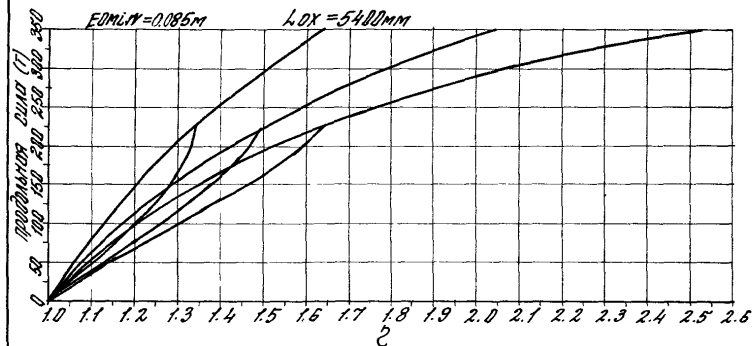


Адрес: _____

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УЧБ. ПОЛ. ПОДПИСАНИЕ