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-IVС и Врп-I).

часть 2

стр 112÷239

Книга 1

стр.(112-175)

НАЧАЛО

24166-02

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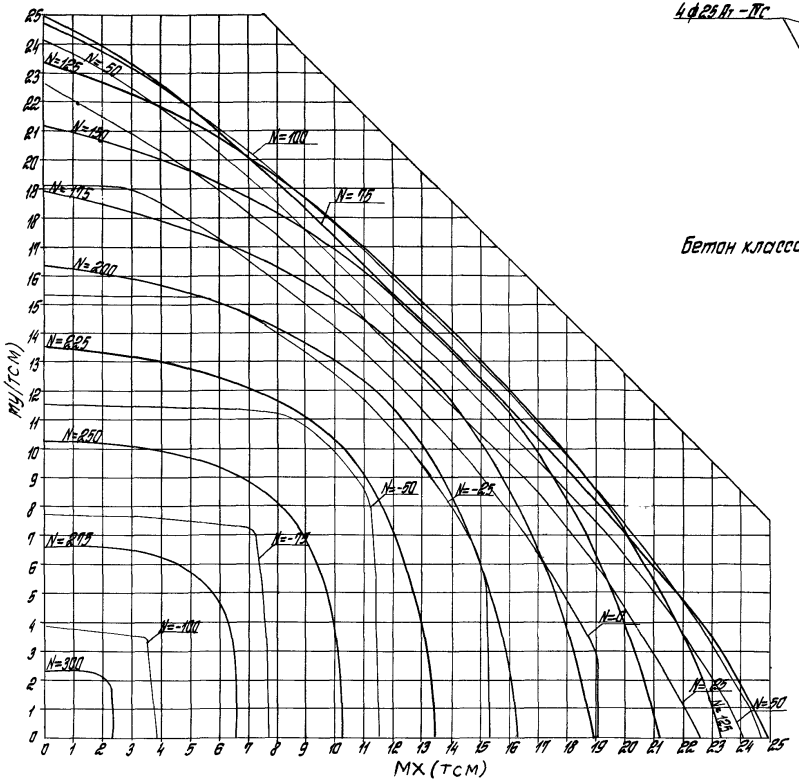


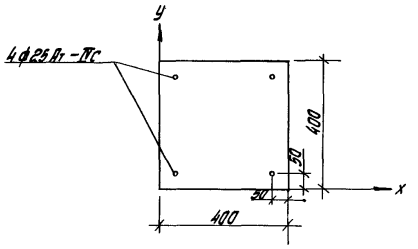


Бетон класса В22,5 ($R_{B2}$ = 14,3 Мпа при учете $\gamma_{B2}$ = 1,10)
Сталь класса Ат-IIIс
Код сечения -113а



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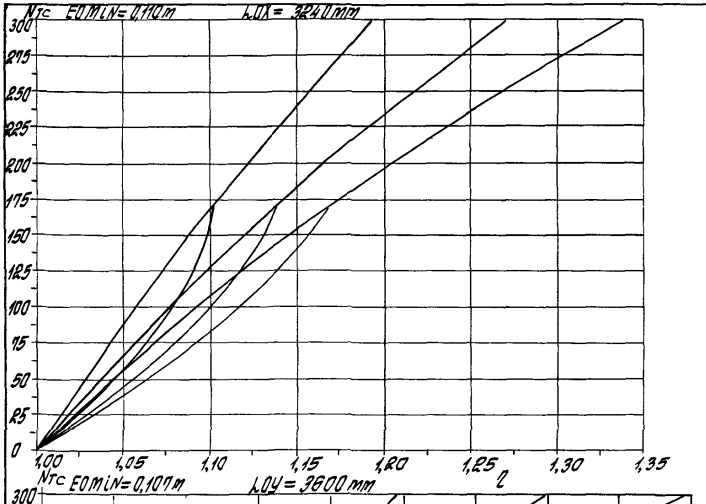


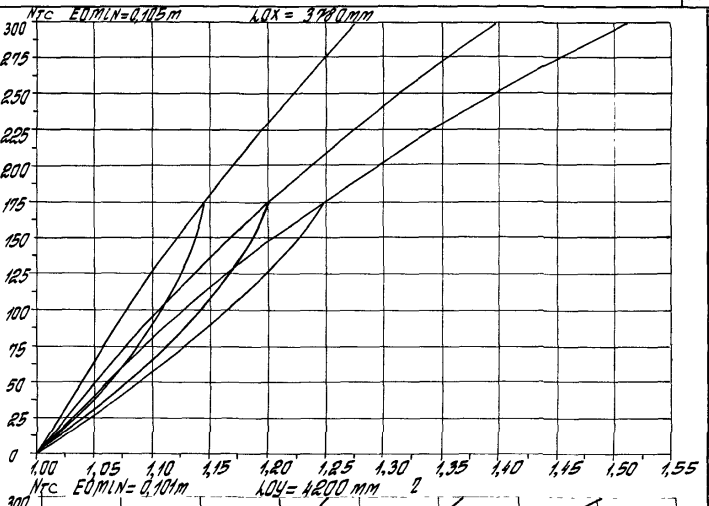


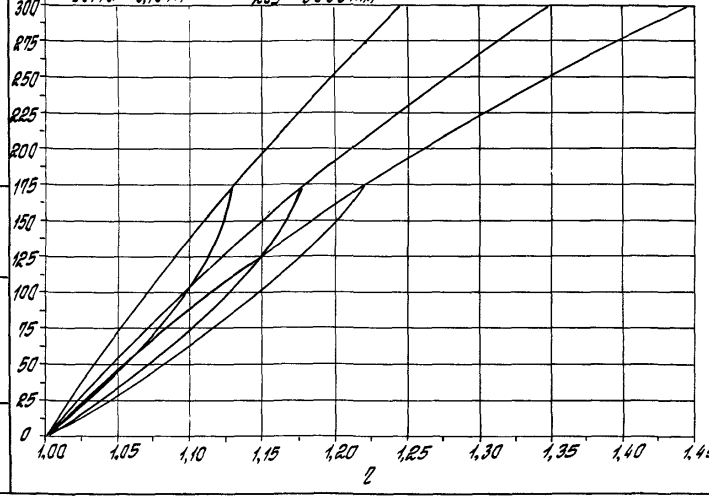


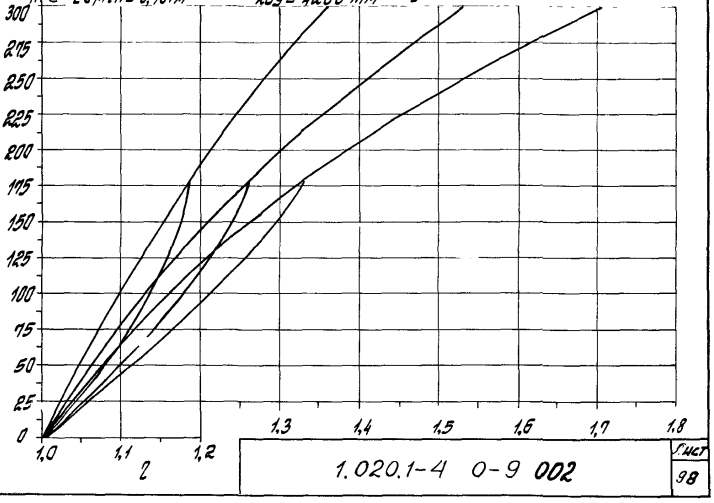


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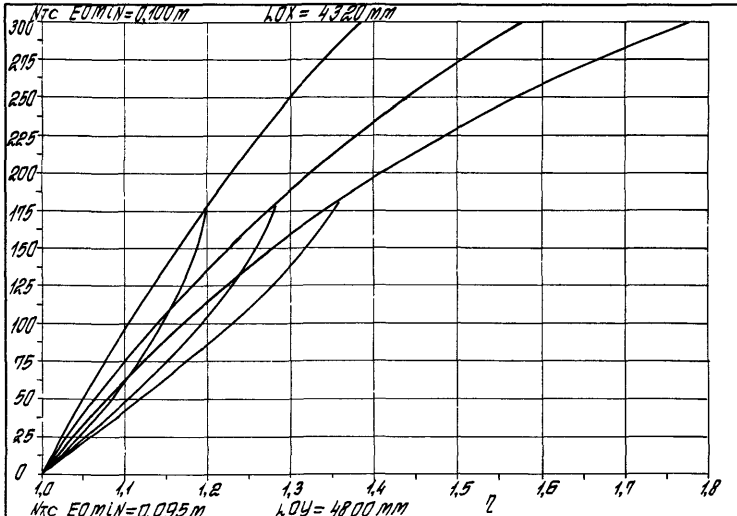


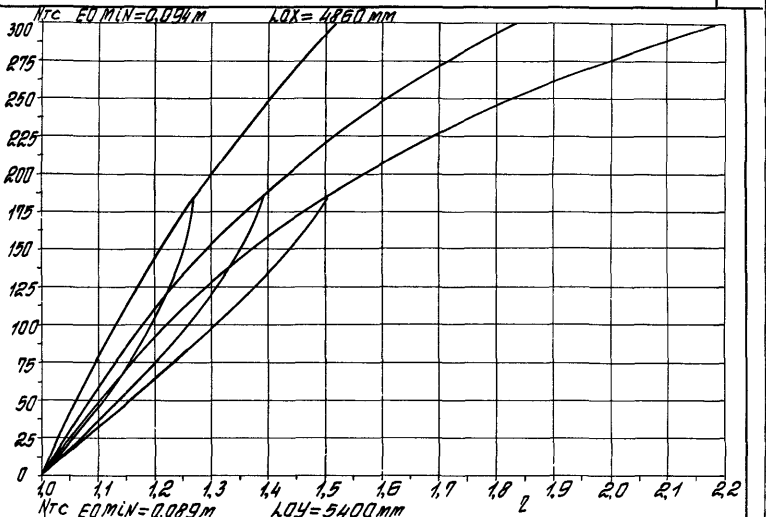


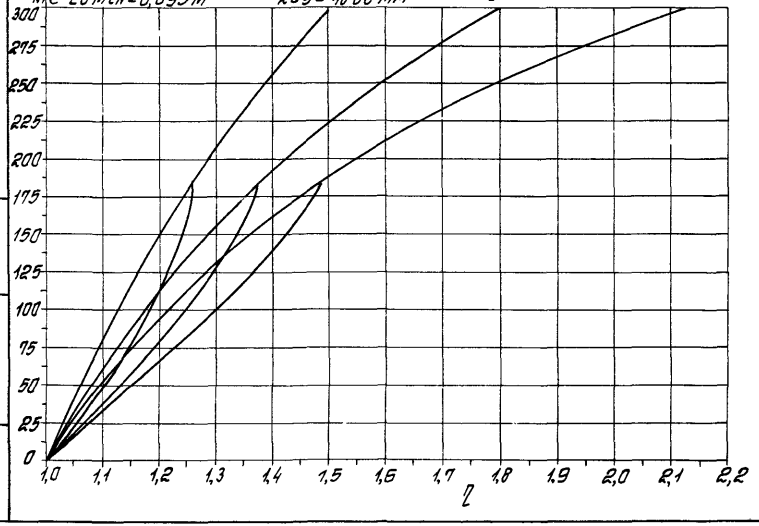


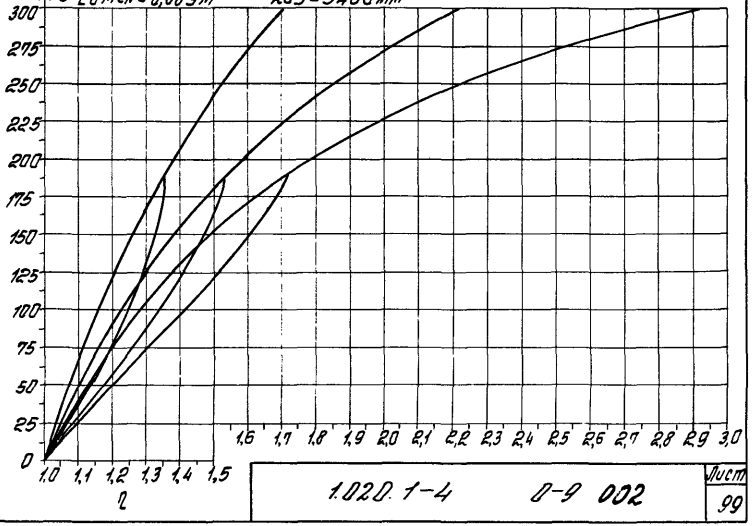


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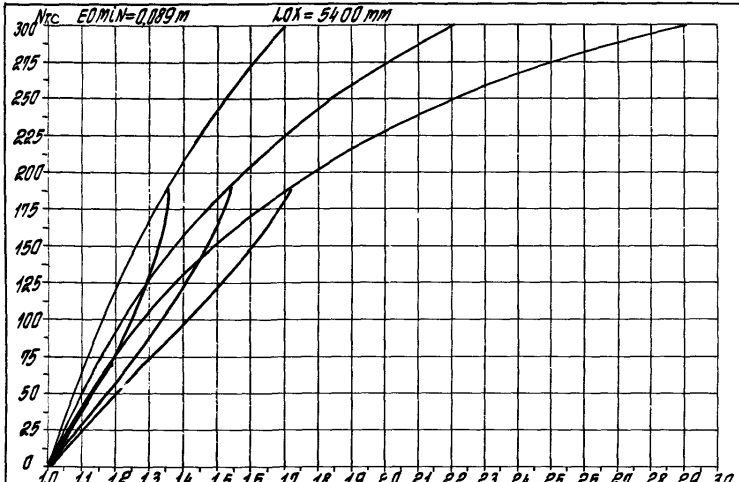


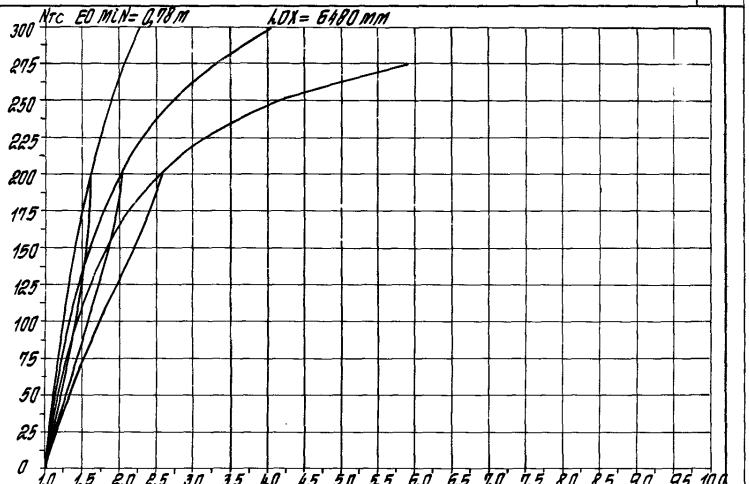


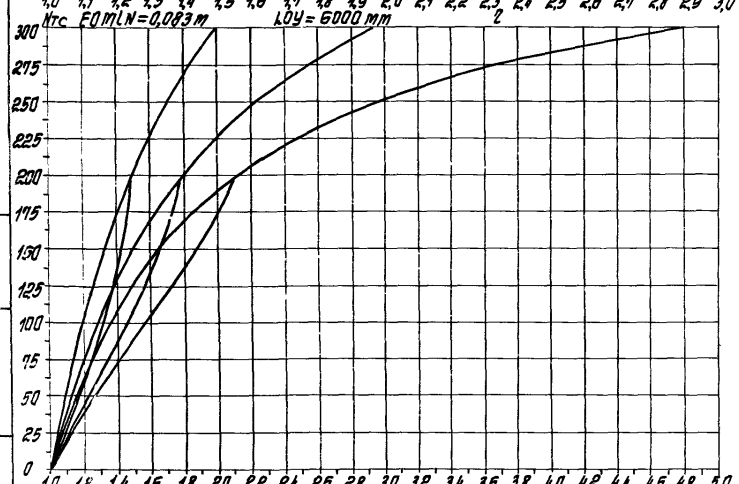


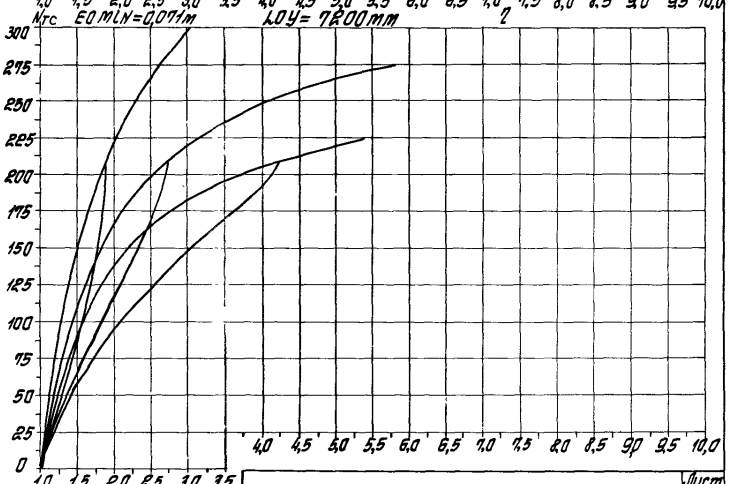


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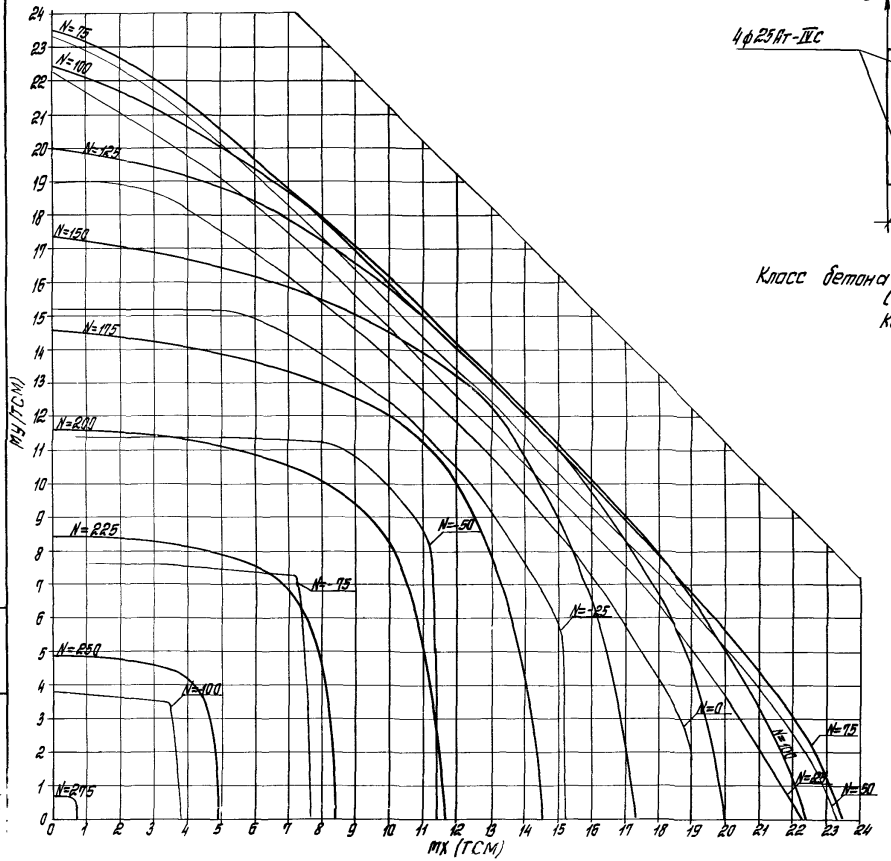
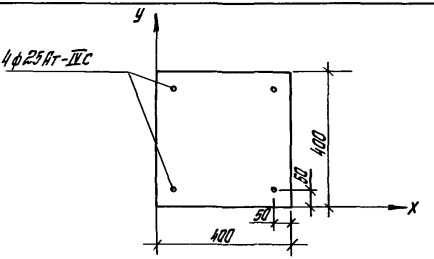
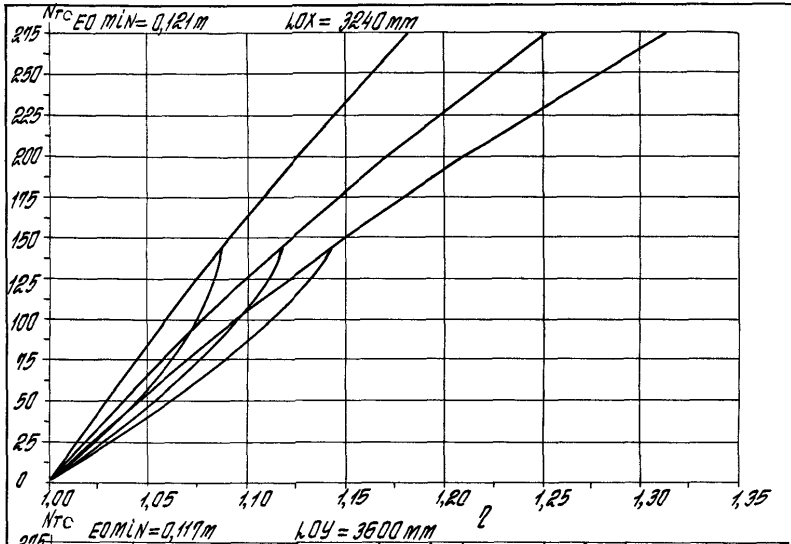
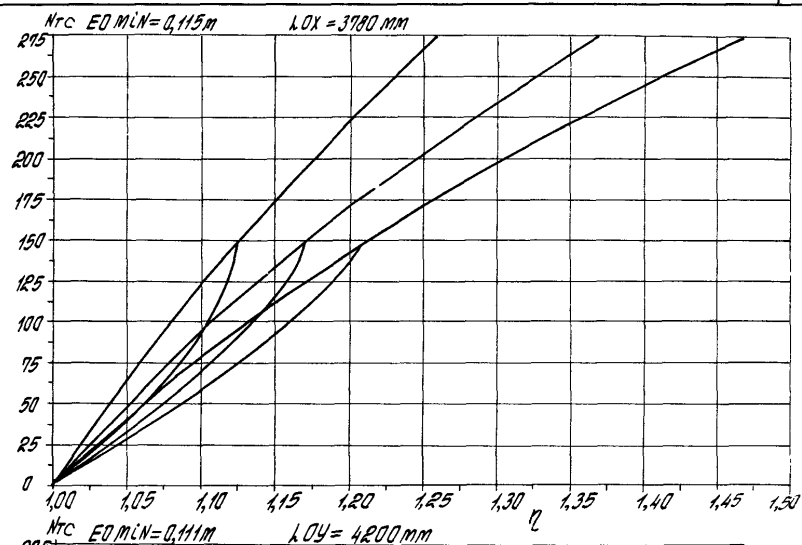
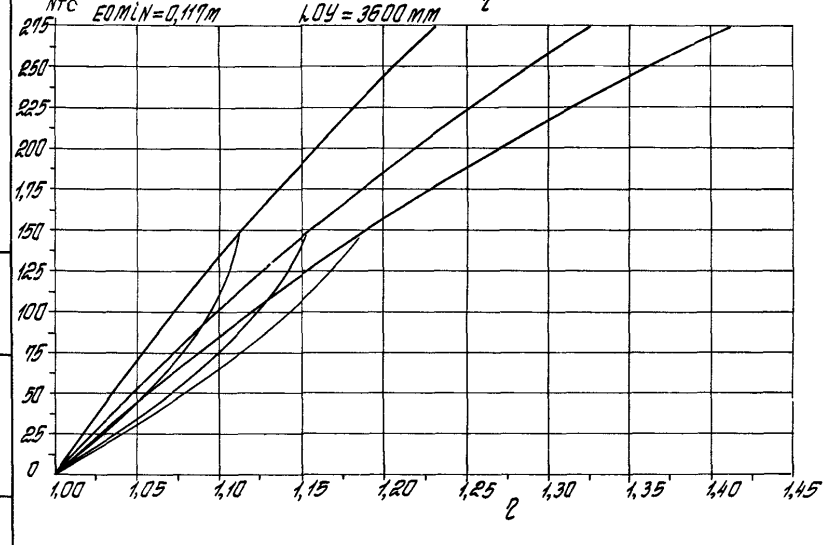


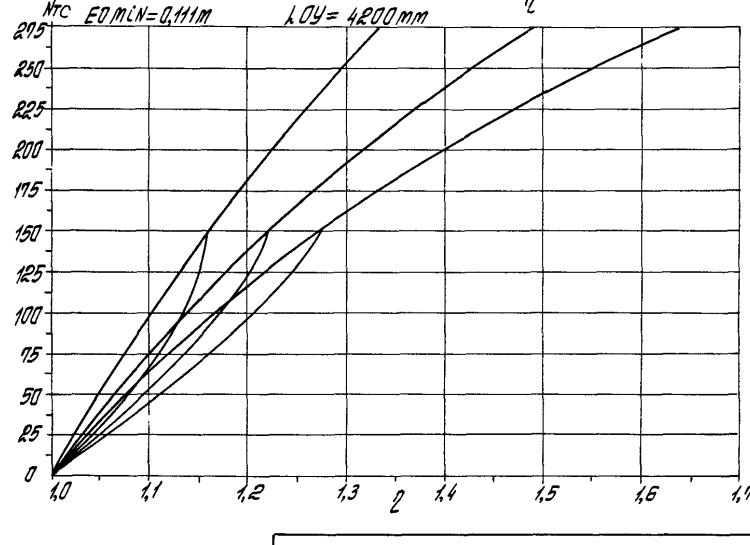




Класс бетона В=22,5 ($R_B$ = 11,7 МПа при учете $\gamma_{B2}$ = 0,90)
Сталь Ат-IVС
Код сечения -113б

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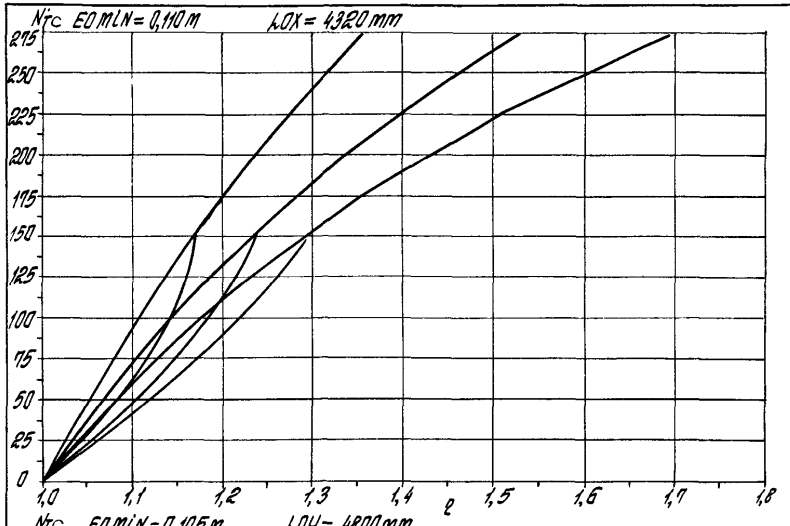
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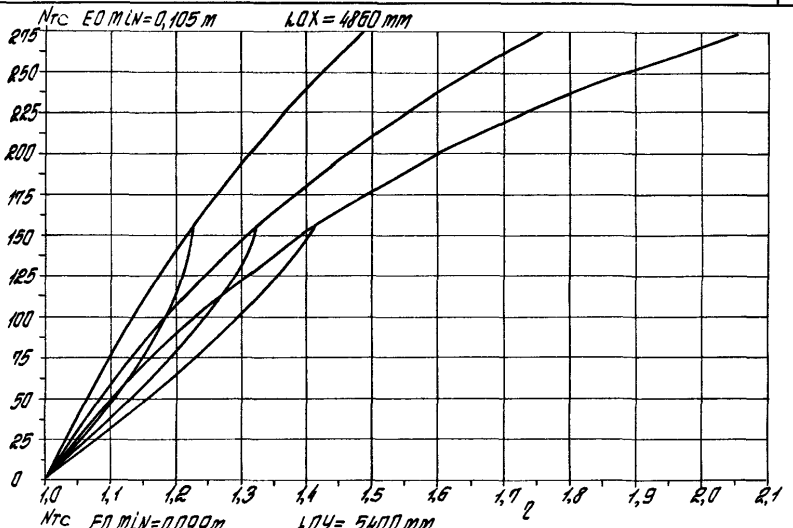
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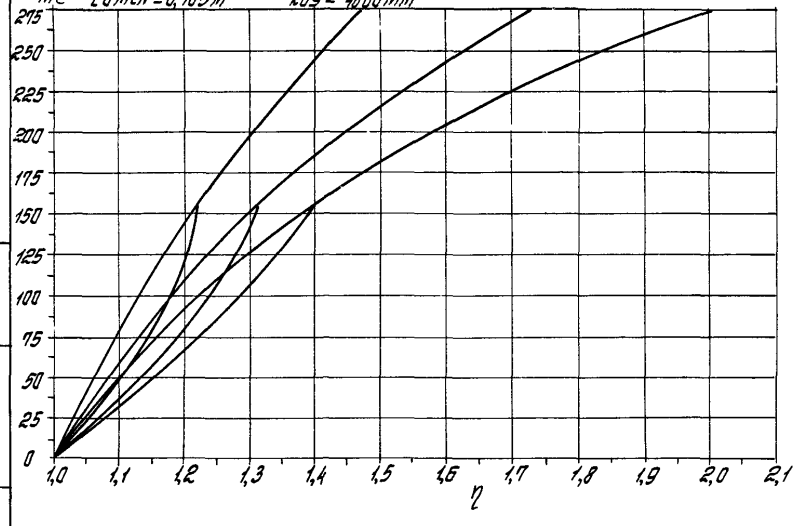
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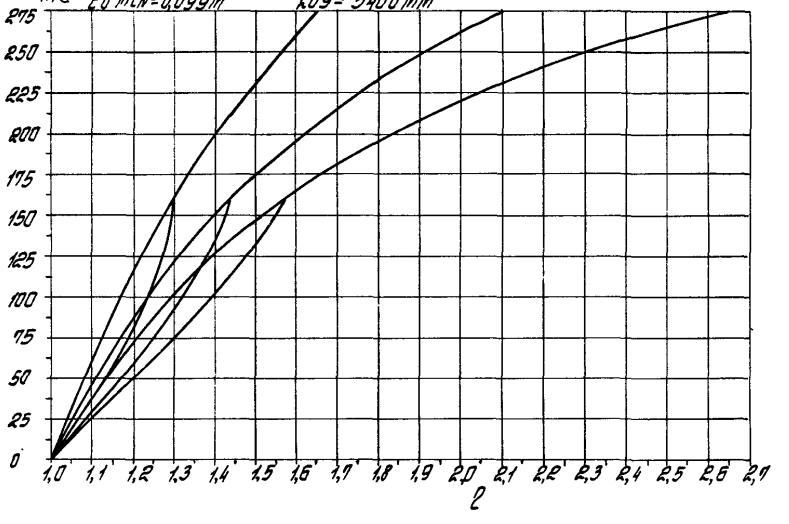
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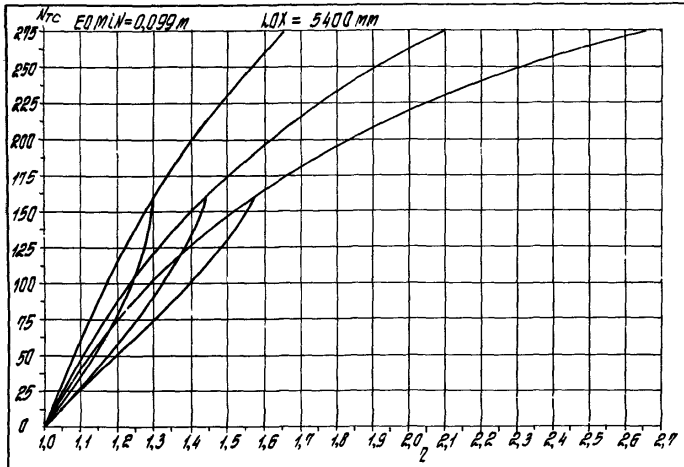


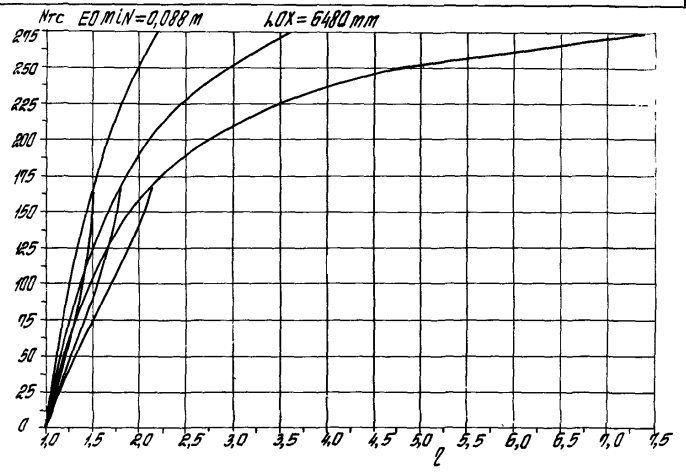


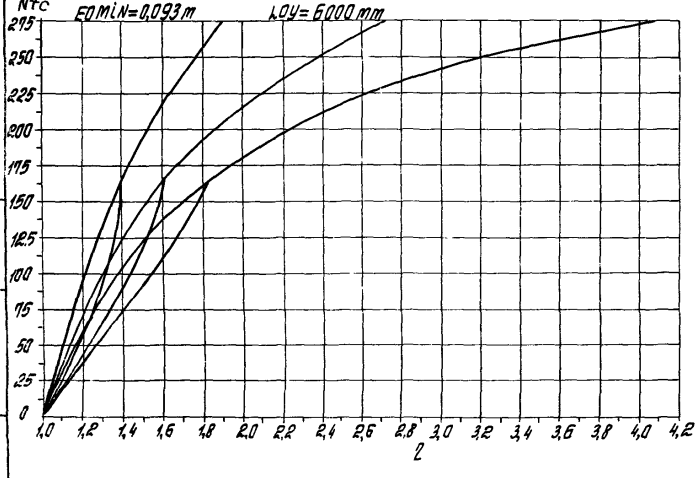


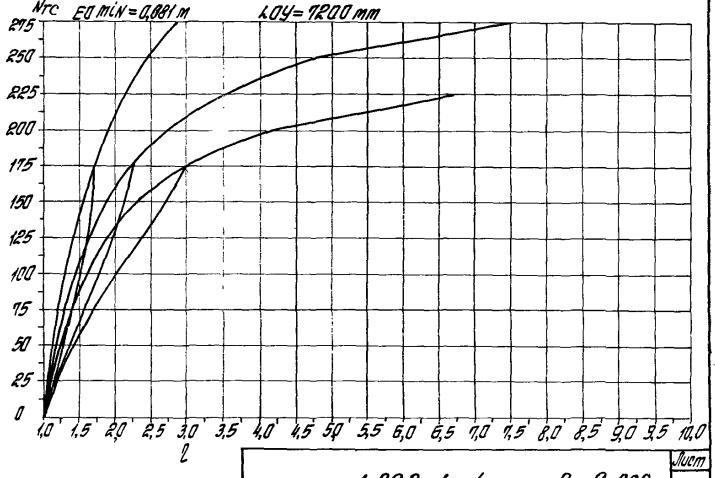


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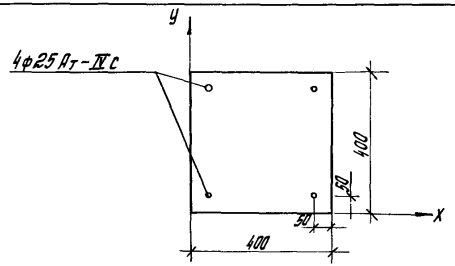
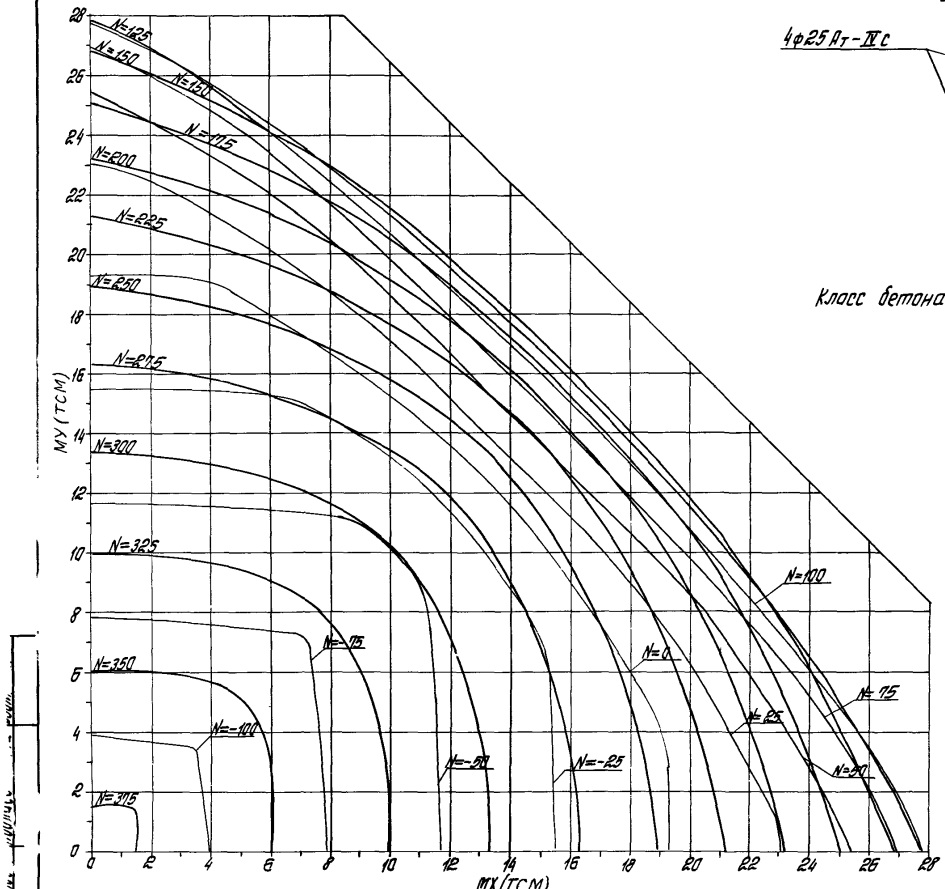
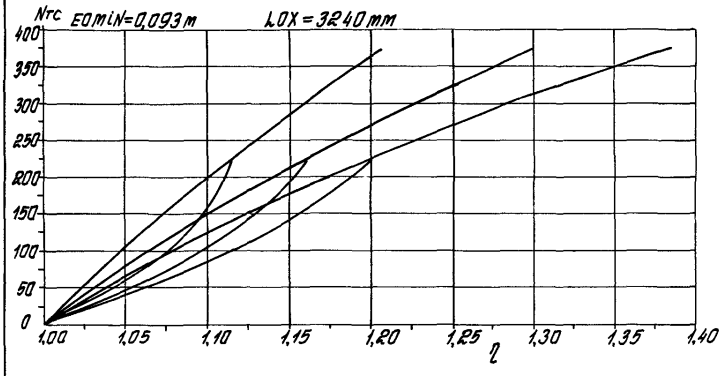
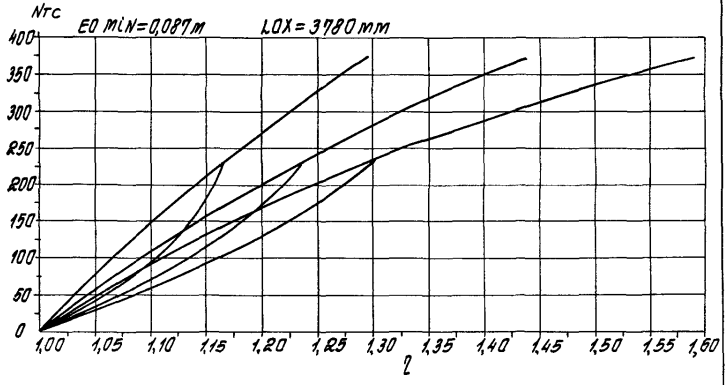
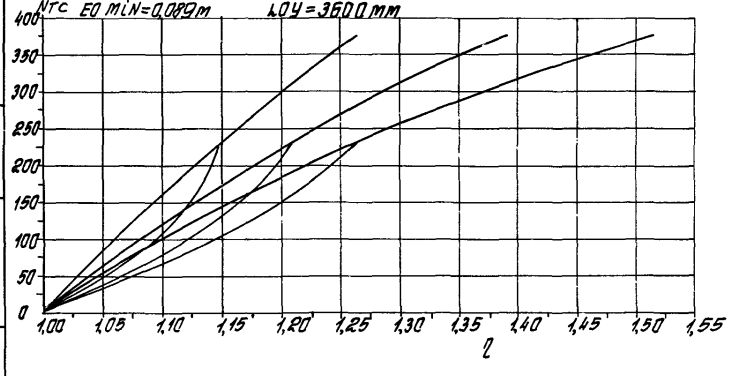


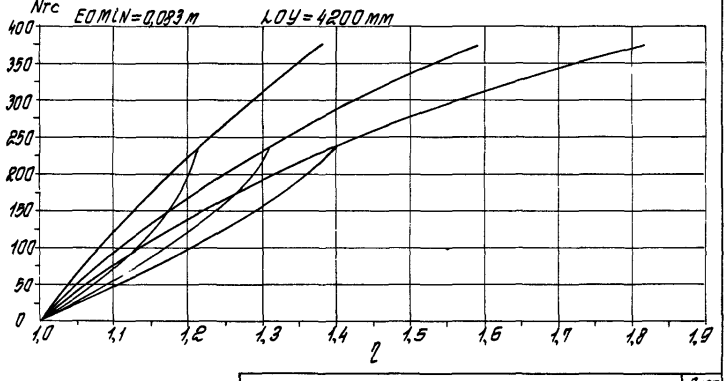

Класс бетона В=30,0 (Rв=18,7МПа при учете $\gamma_{b2}$ = 1,10)
Сталь АТ-IVС
Код сечения – 114а



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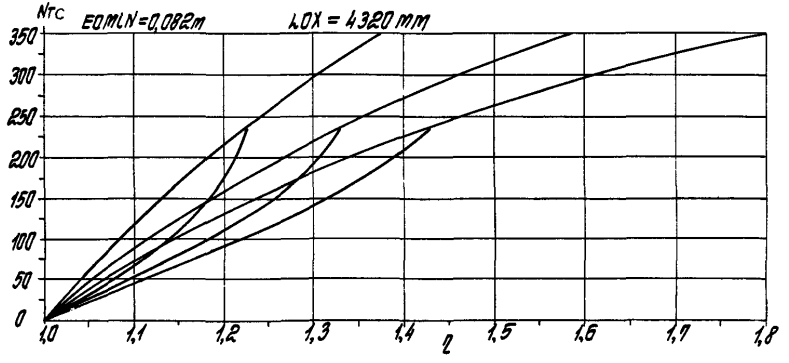


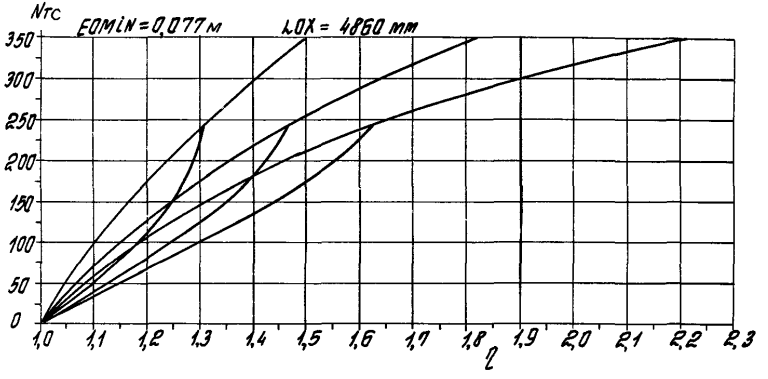


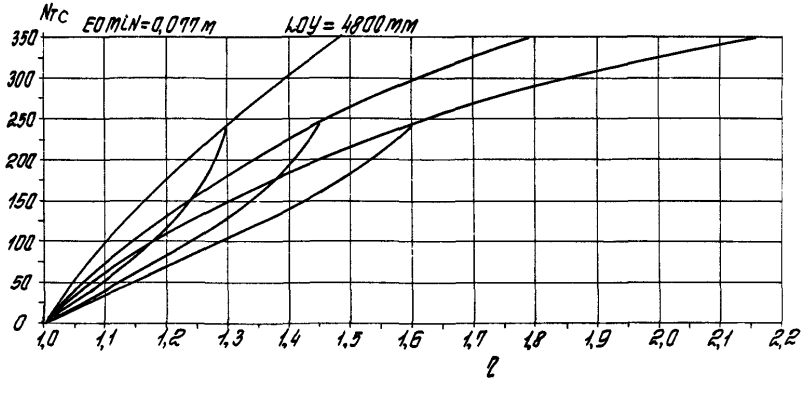


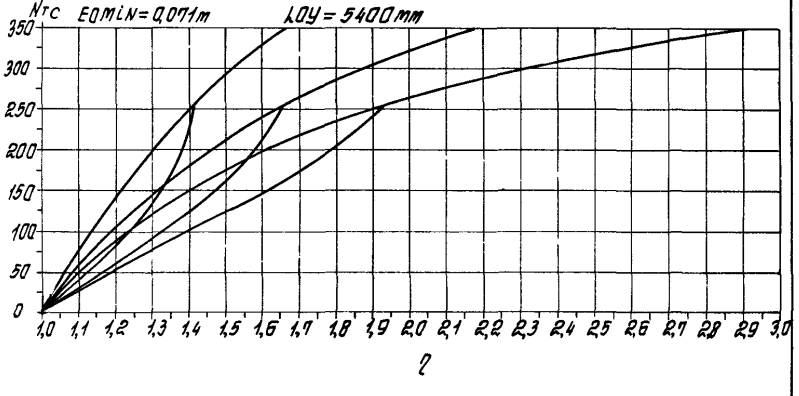


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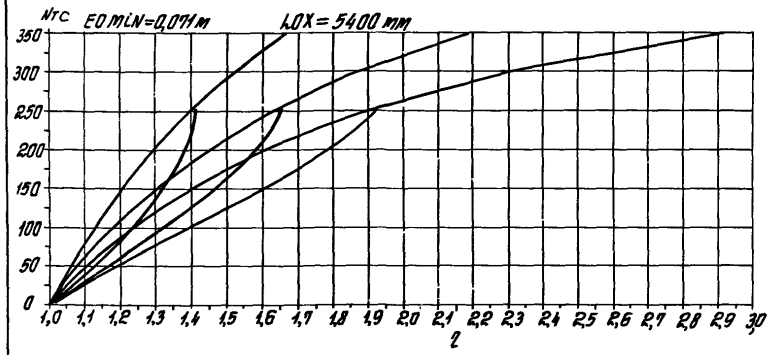


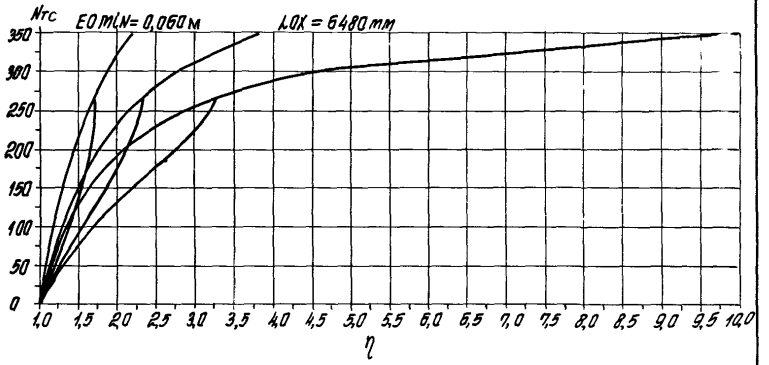


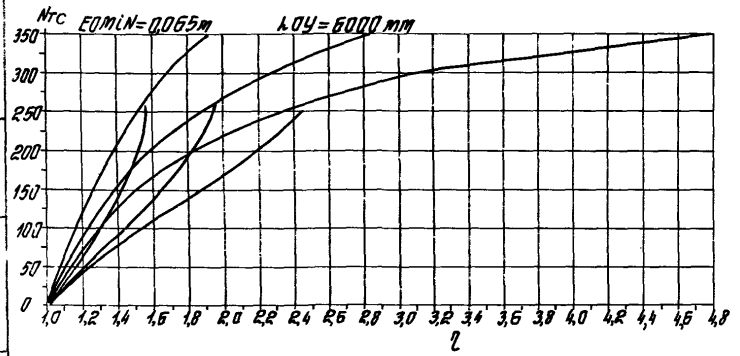


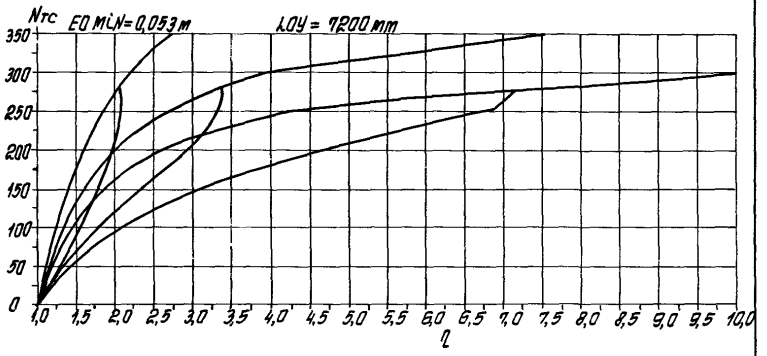


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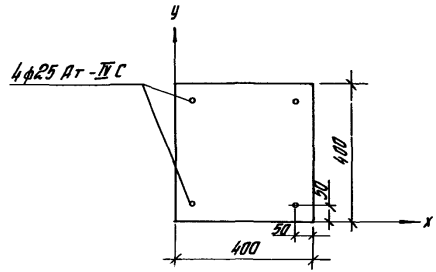
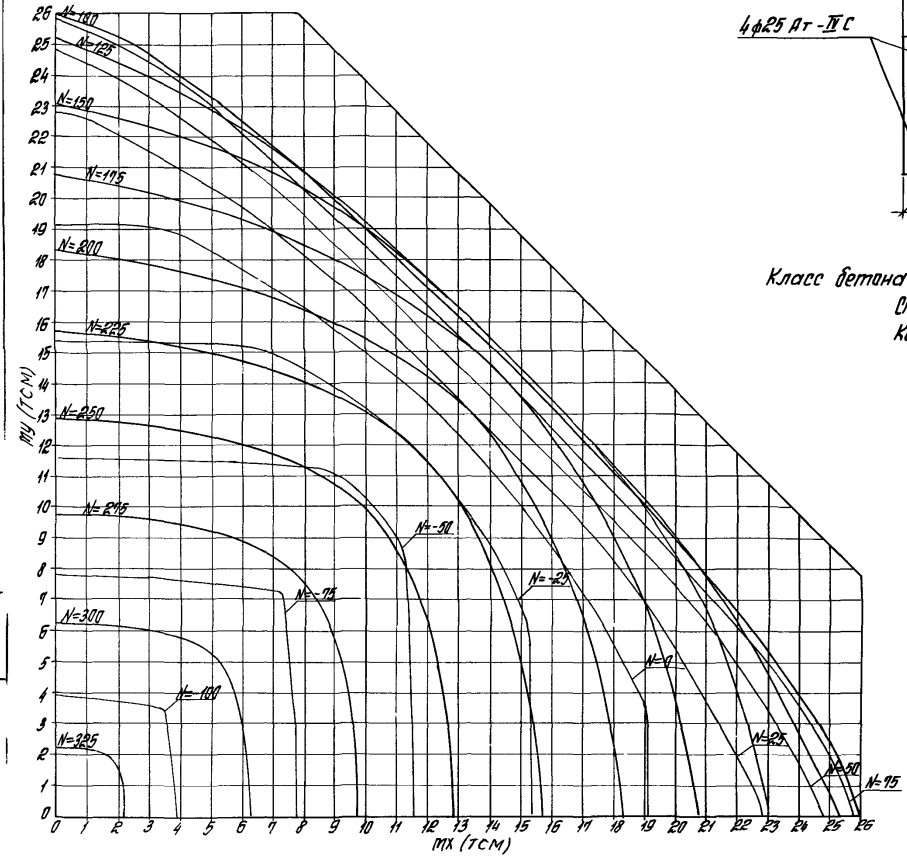
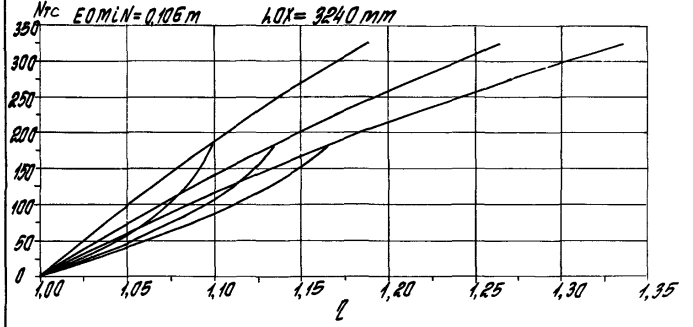
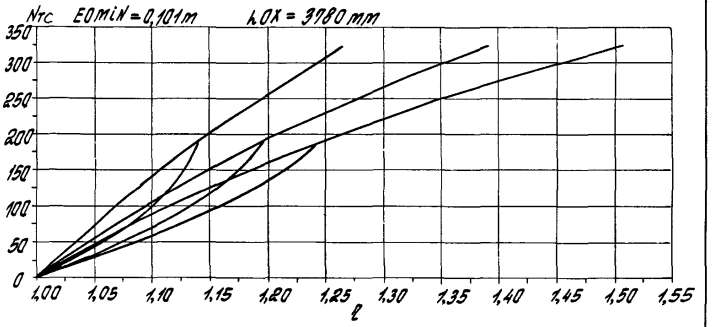
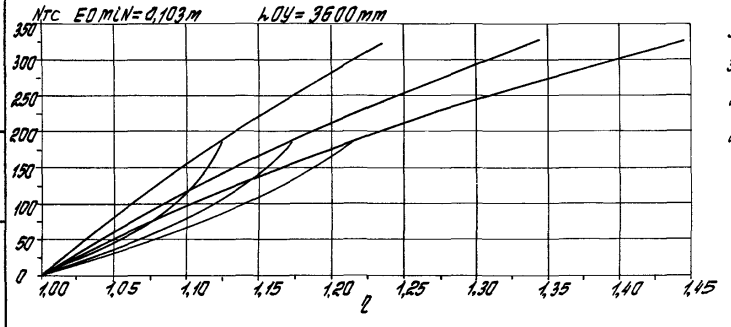


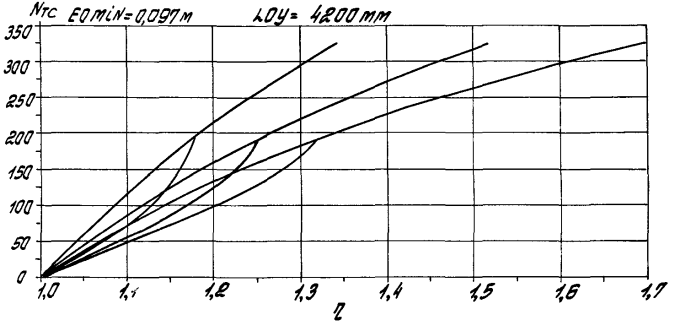

Класс бетона В30.0 ($R_B$ = 15,3 МПа при учете $\gamma_{B2}$ = 0,90)
Сталь класса Ат-IVС
Код сечения - 114б



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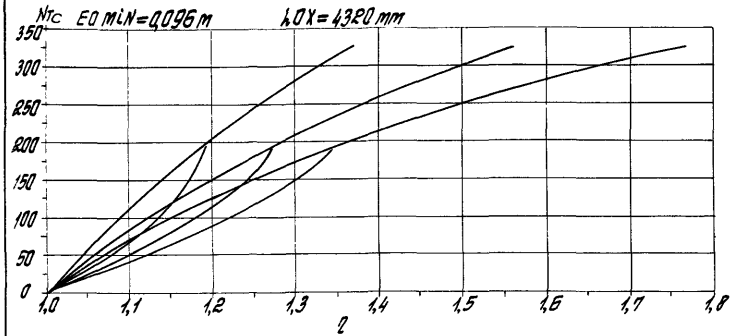


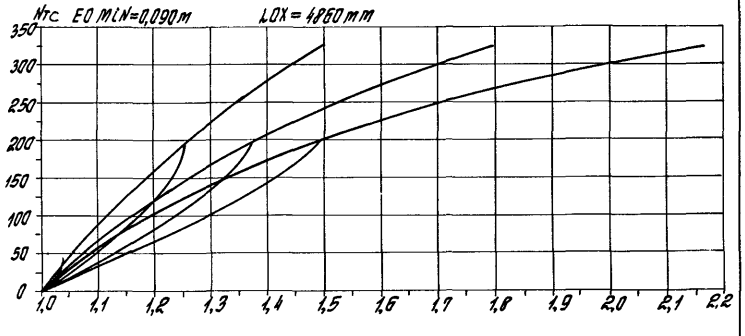


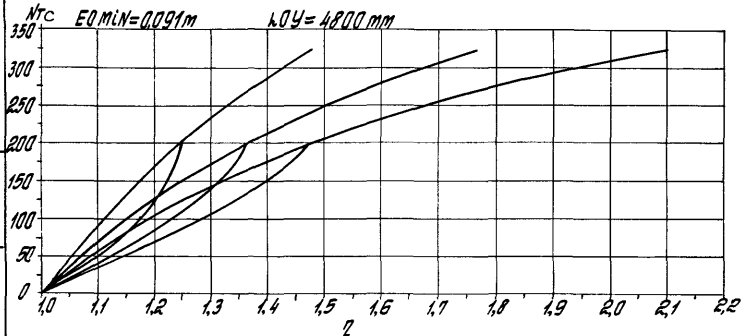


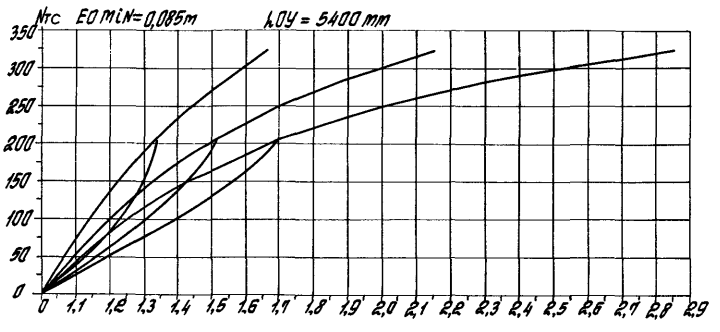


Инв. № подл.

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Лист 117

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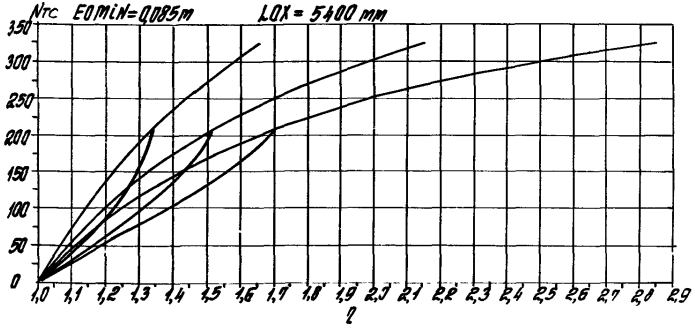


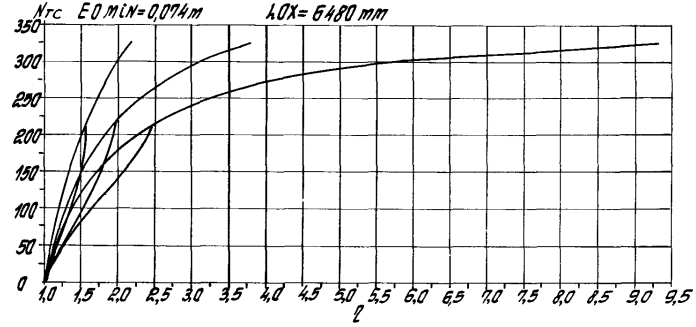


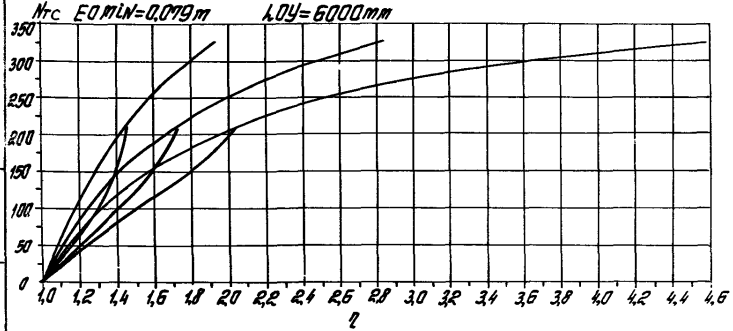


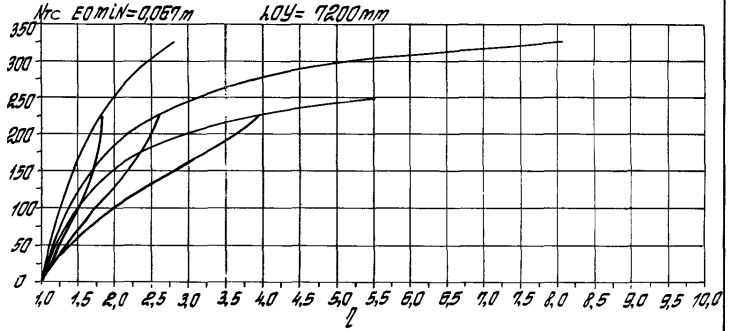




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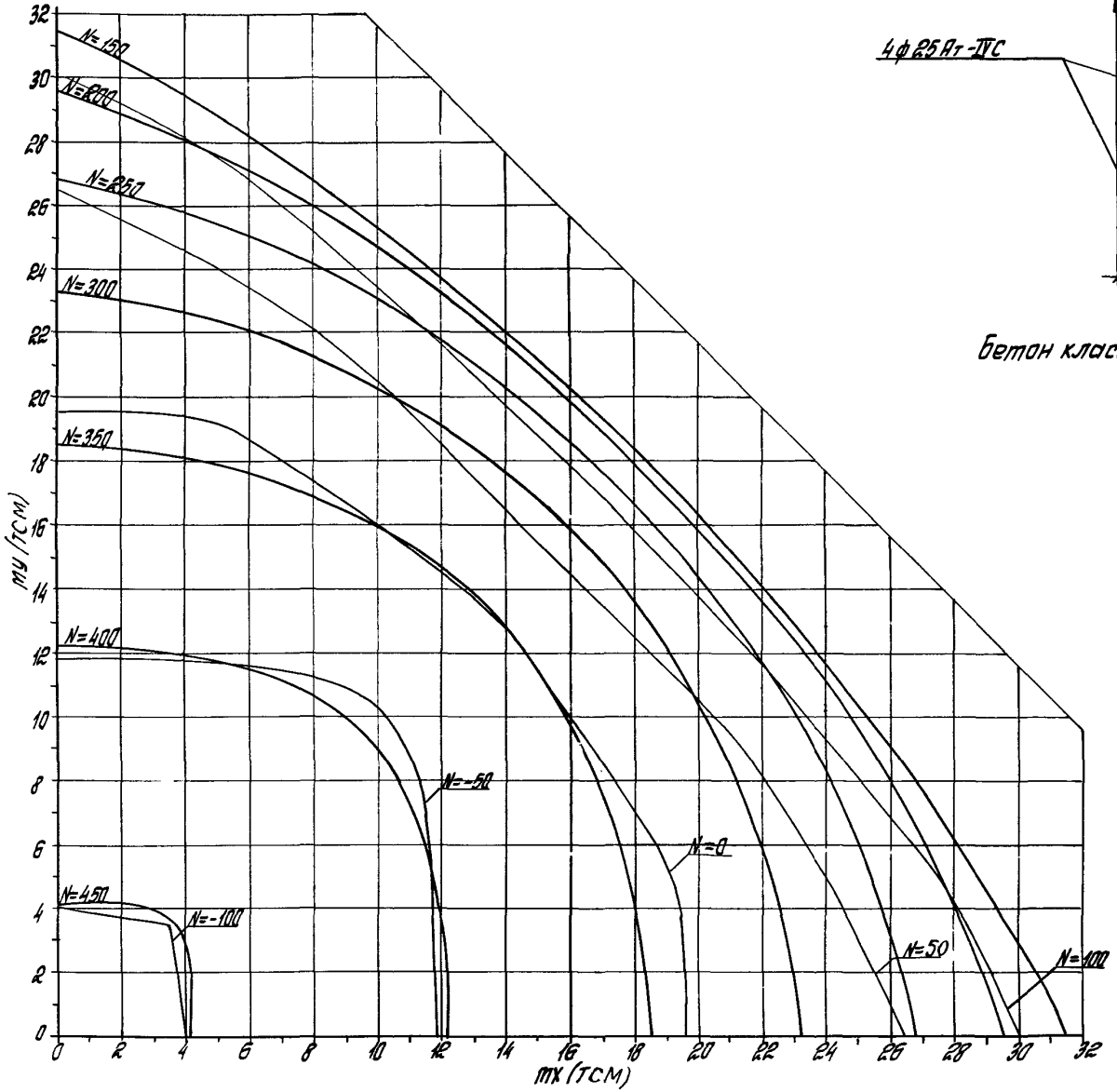
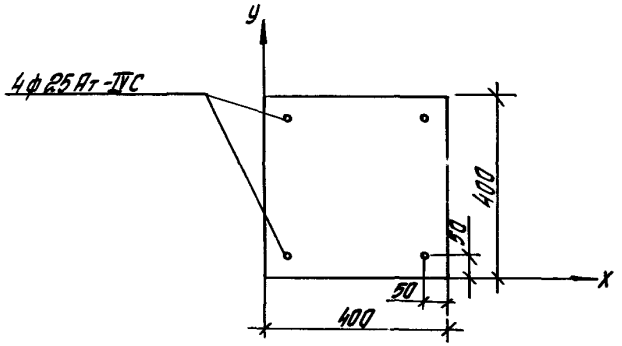
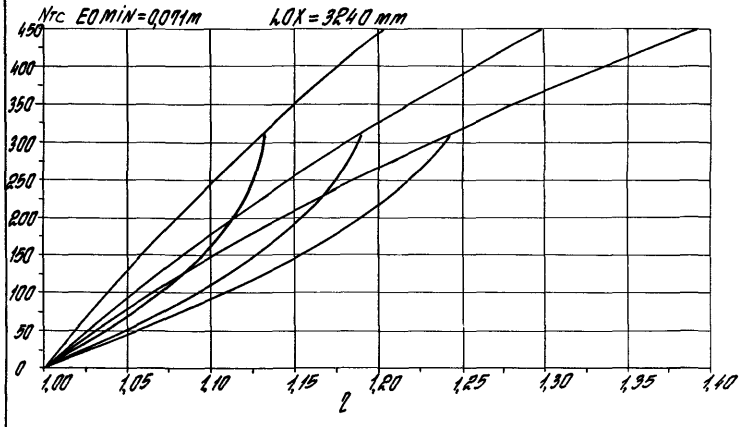
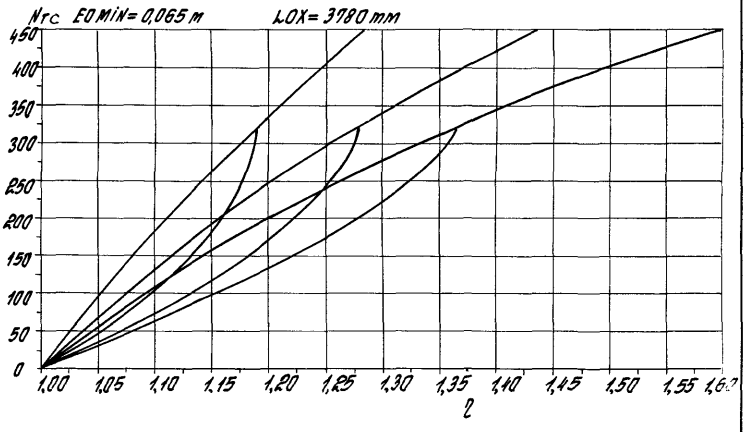


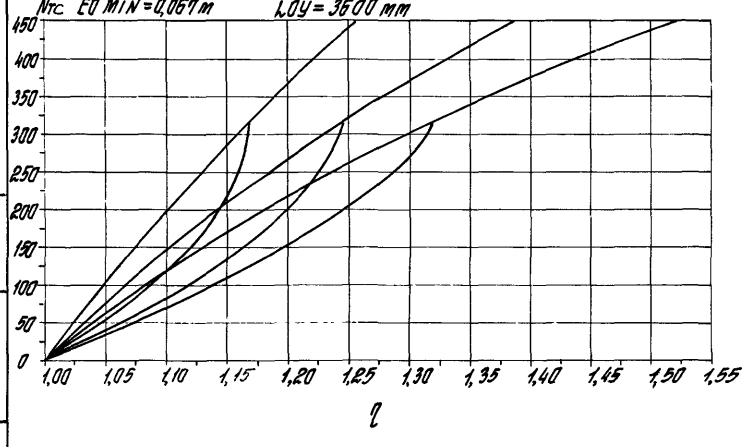



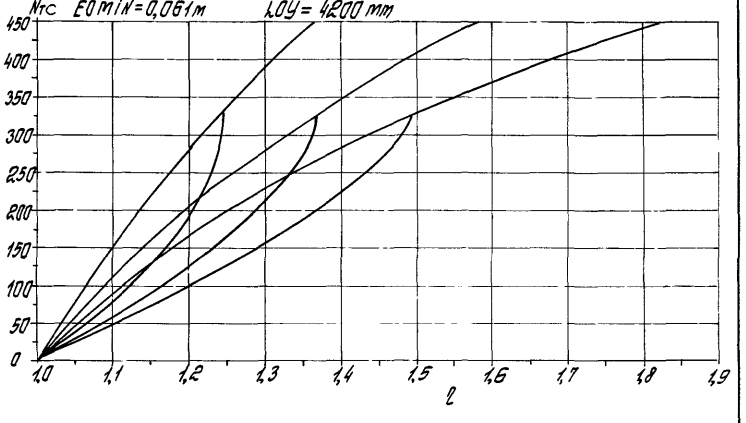

Бетон класса В40,0 ($R_B$ = 24,2 мПа при учете $\gamma_{B2}$ = 1,10)
Сталь класса Ат-IVC
Код сечения – 115а

| | |
|---|---|
| 1.020.1-4 0-9 002 | Лист 113 |

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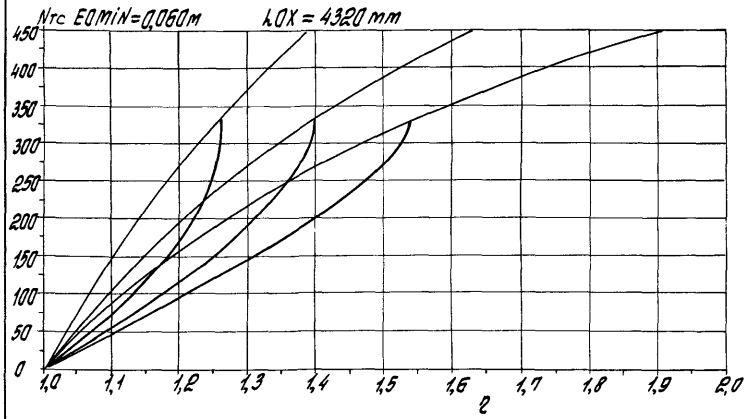


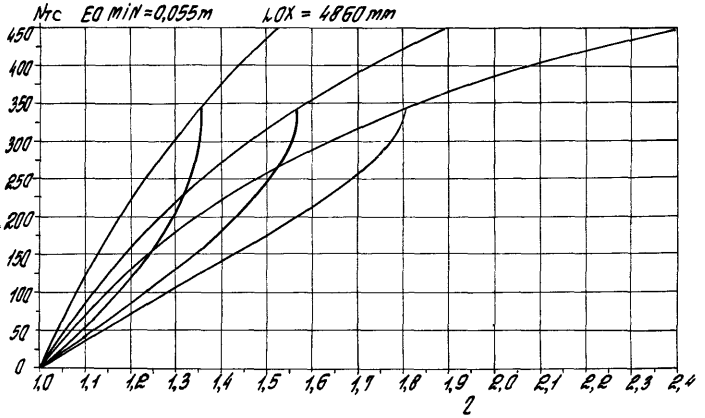


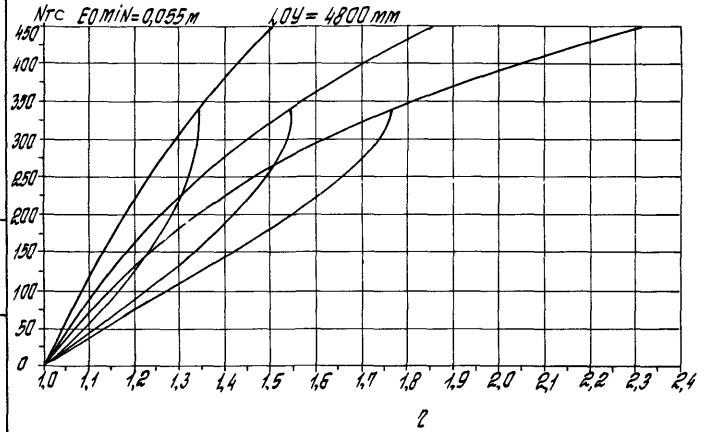


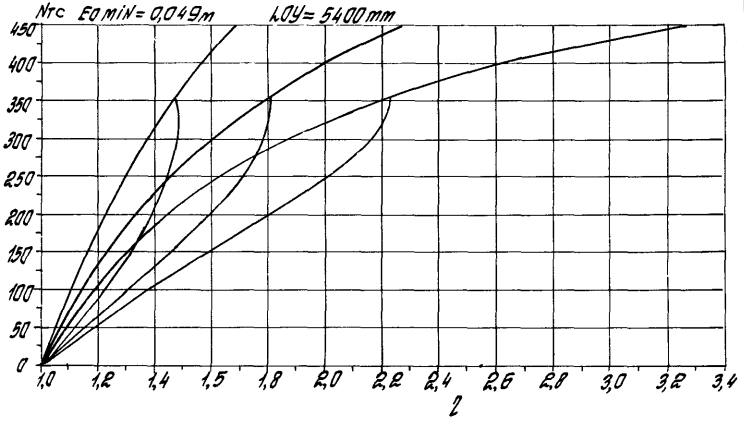


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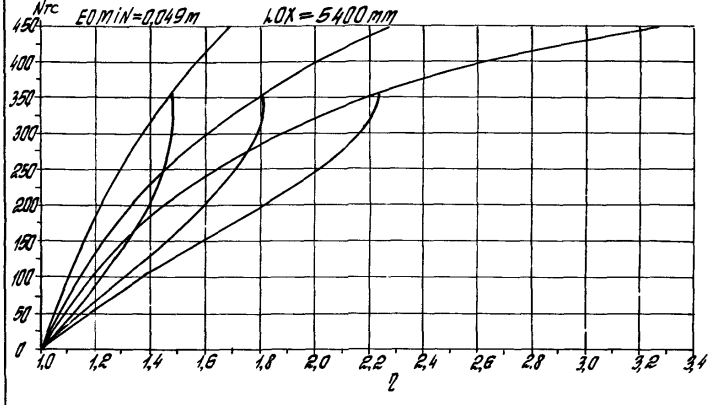


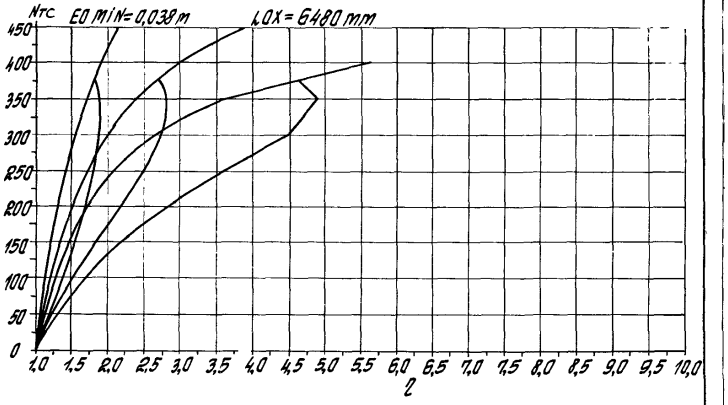


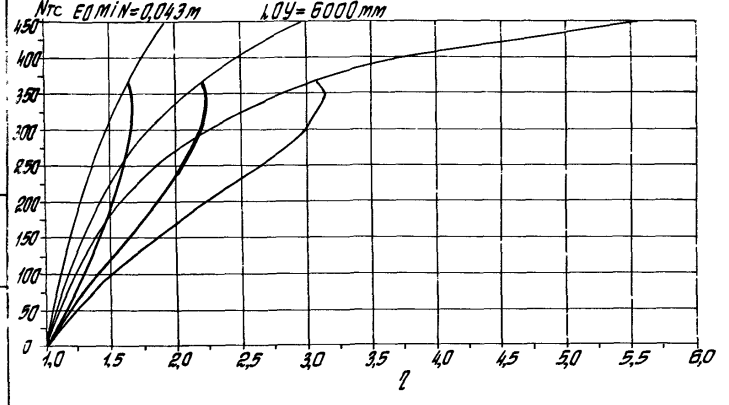


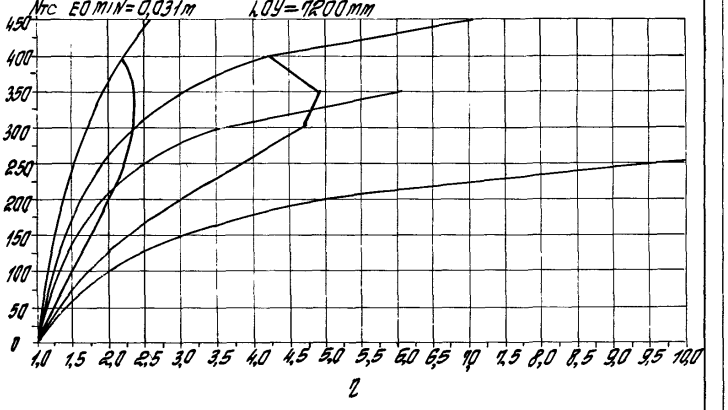


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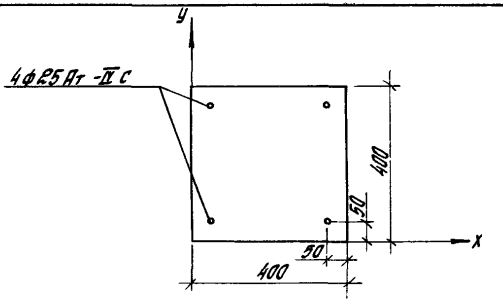
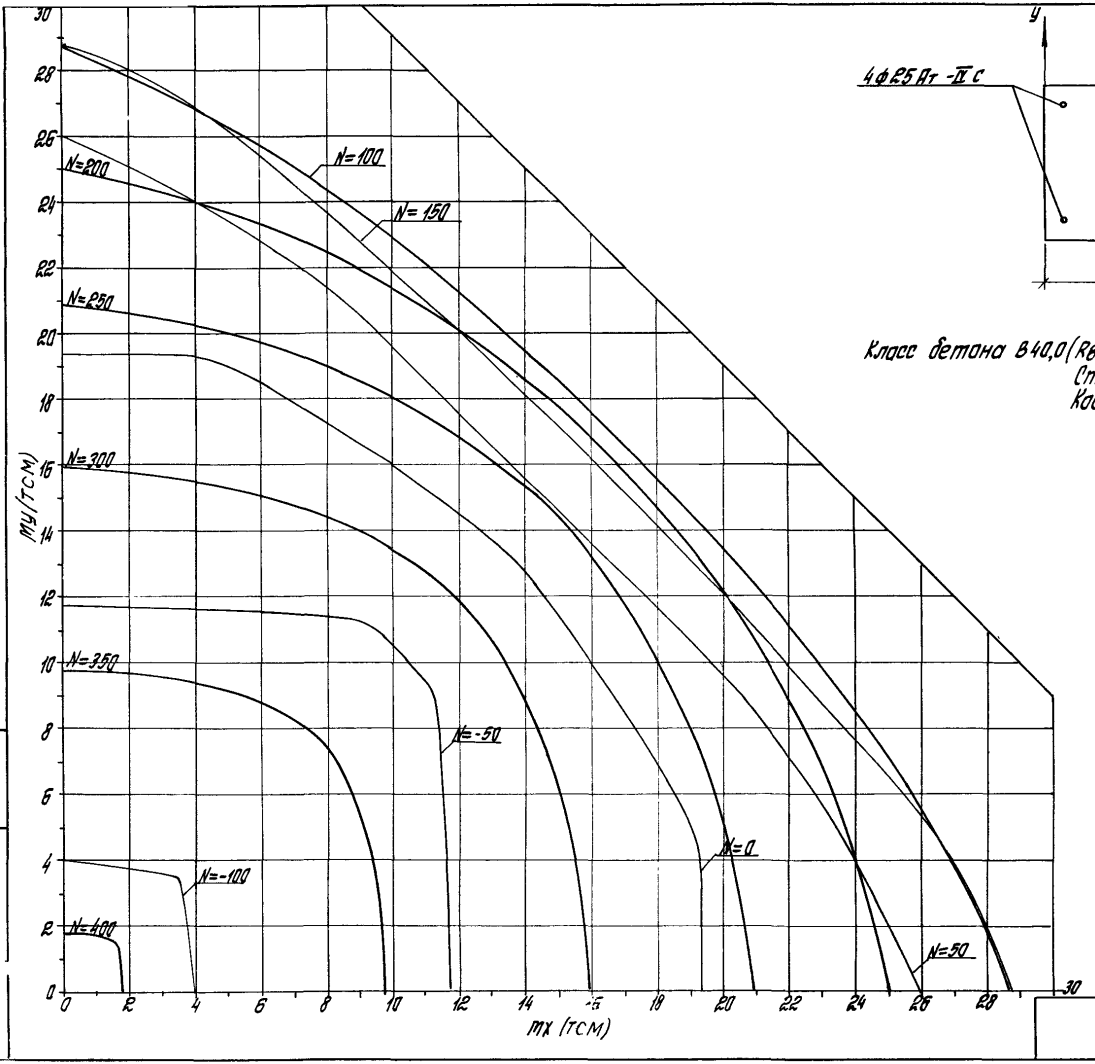
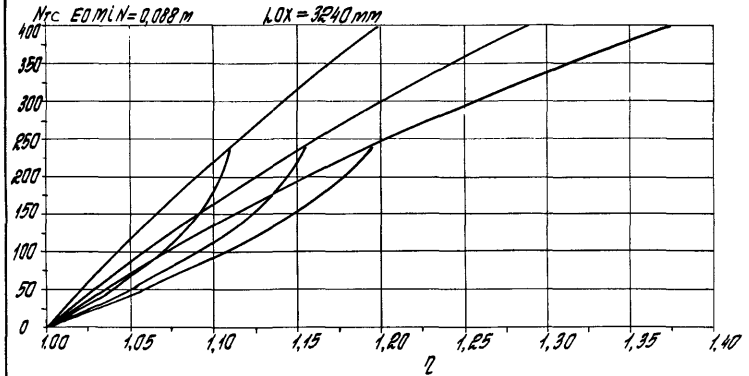
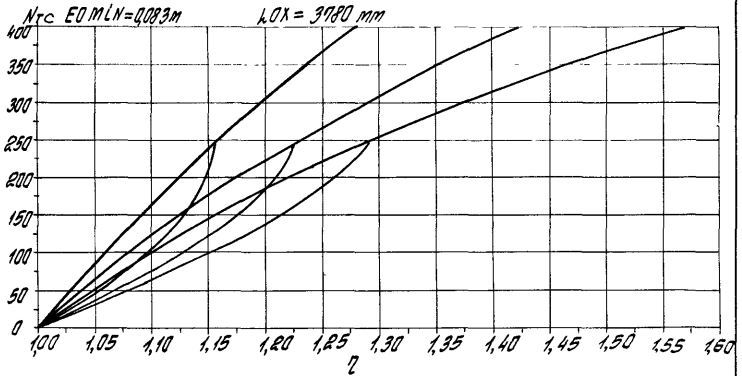
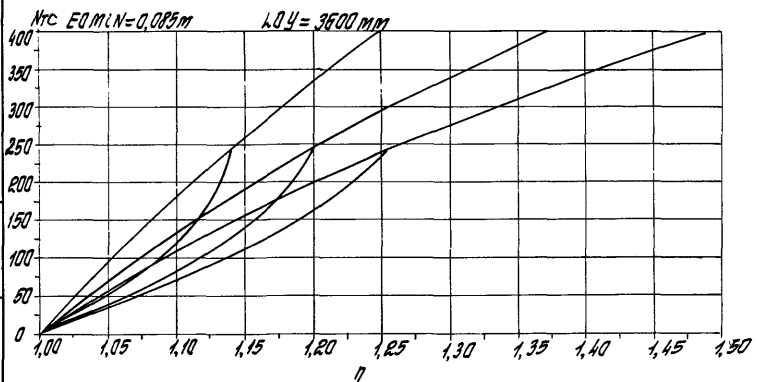


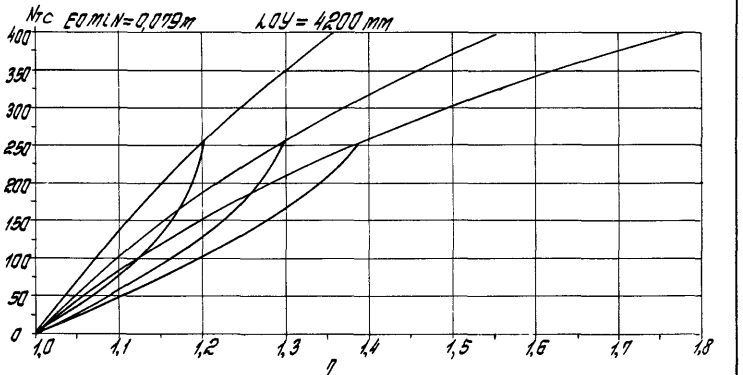

Класс бетона В40,0 ($R_B$ = 19,8 МПа при учете $\gamma_{B_2}$ = 0,90)
Сталь класса Ат -IVс
Код сечения - 115б



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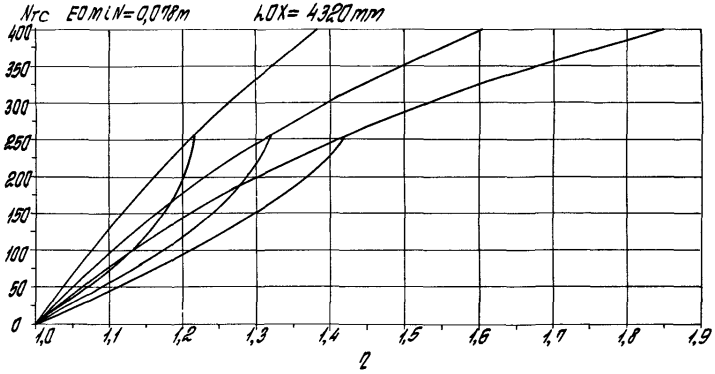


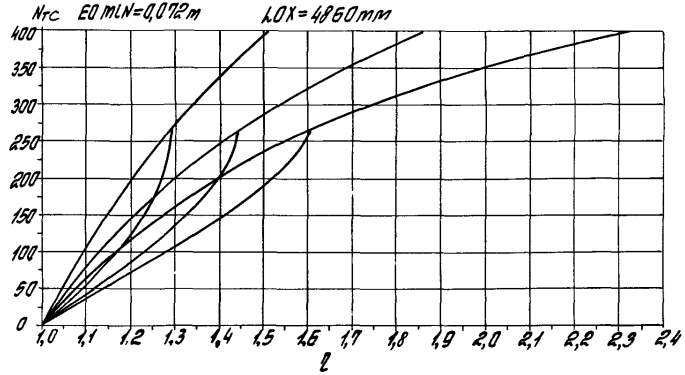


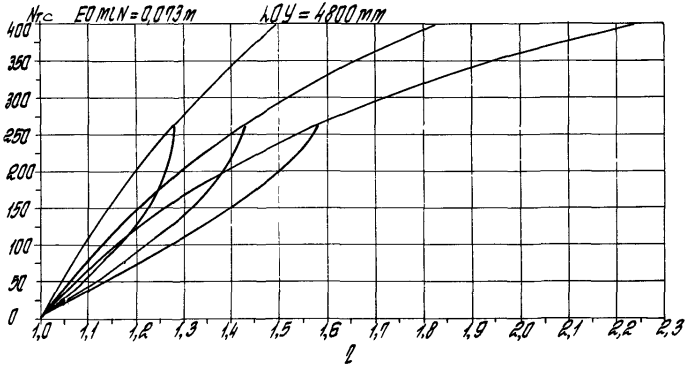


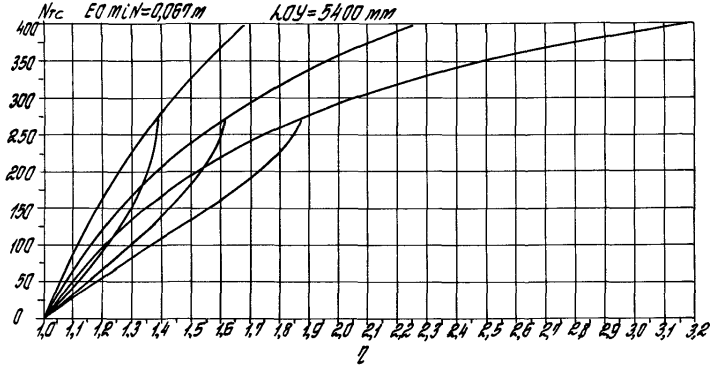




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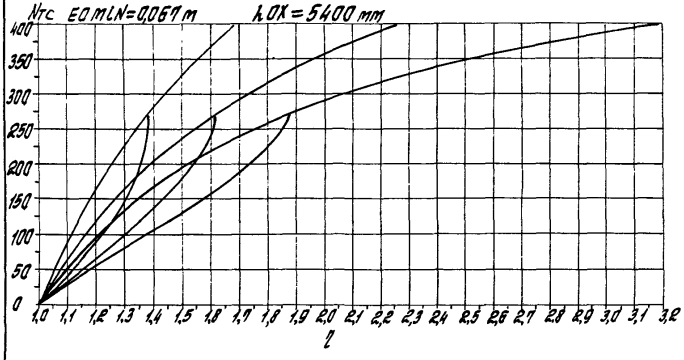


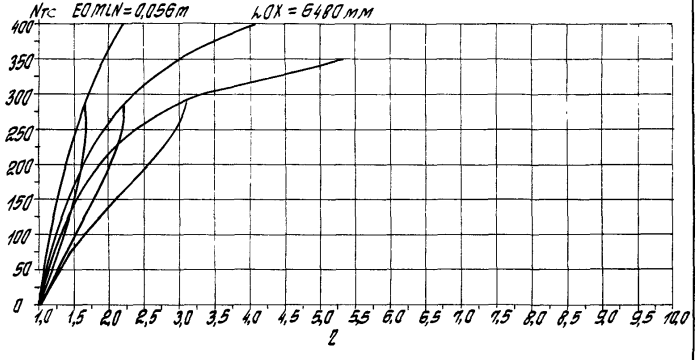


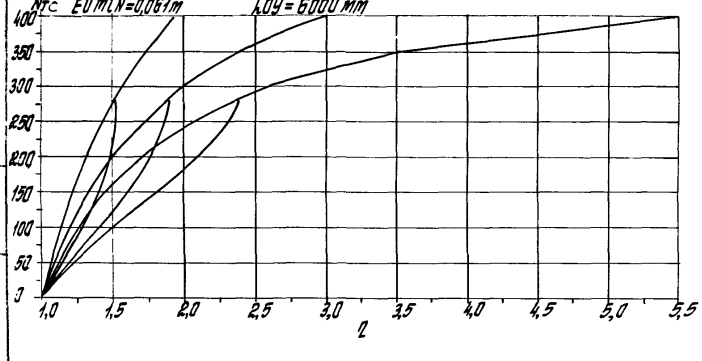


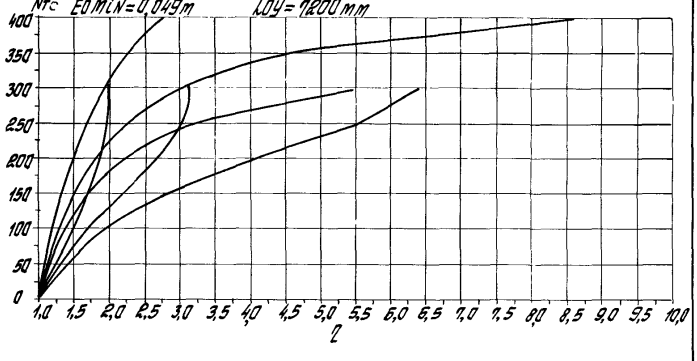


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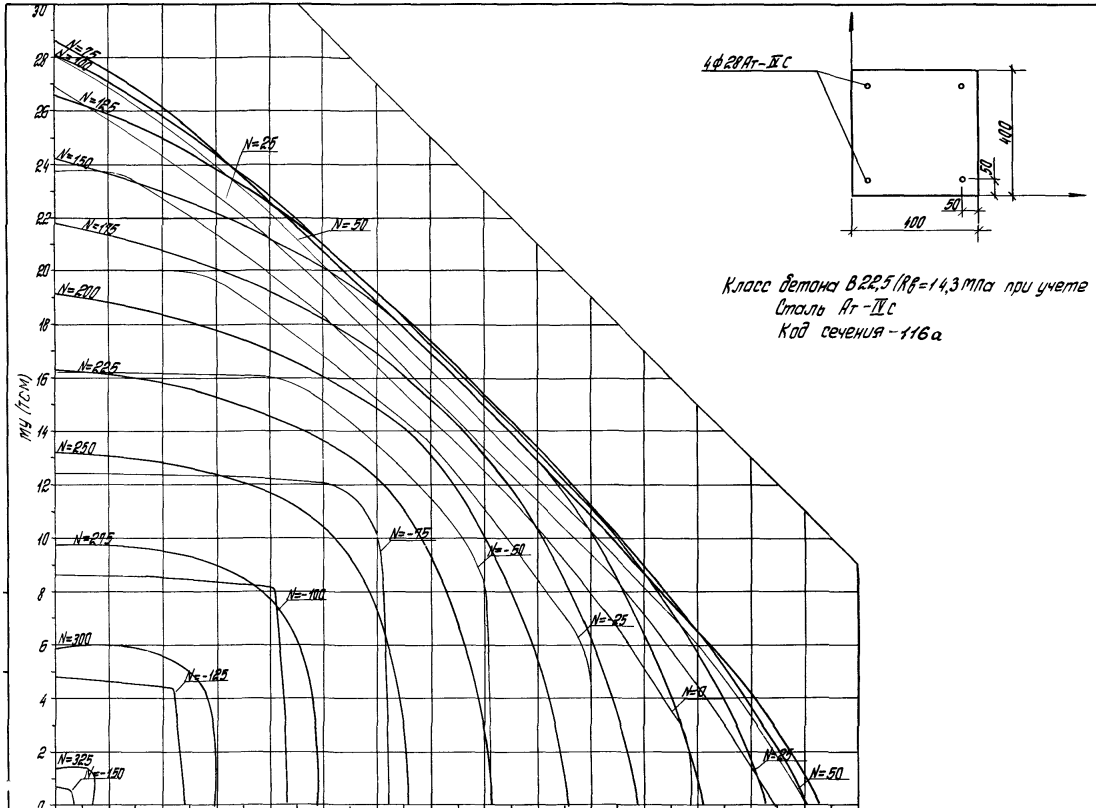
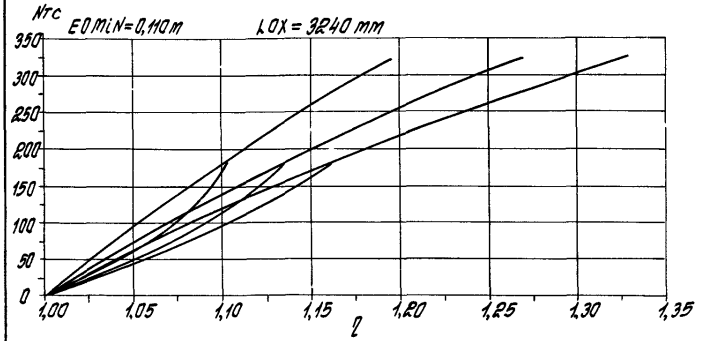






Класс бетона В22,5 ($R_б$=14,3 МПа при учете $\gamma_{б_2}$=1,10)
Сталь Ат-IIIс
Код сечения - 116а


Nтс
EOMiN=0,110m
LOX = 3240 mm
350
300
250
200
150
100
50
0
1,00
1,05
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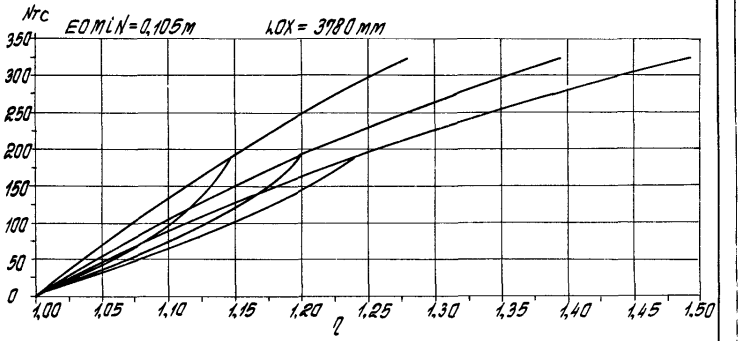
1,25
1,30
1,35
l


Nтс
EOMiN=0,105m
LOX = 3780 mm
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300
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200
150
100
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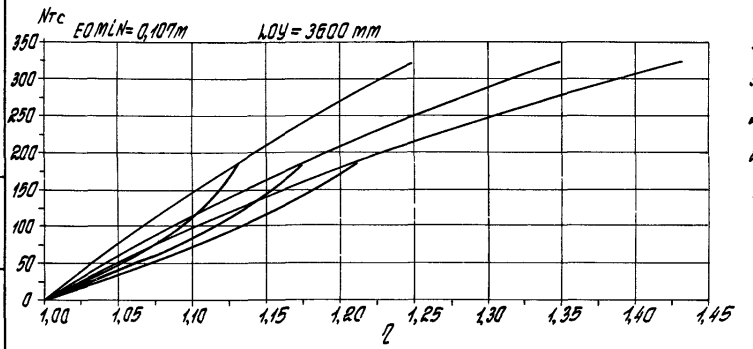
1,45
1,50
l


Nтс
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LOY = 3600 mm
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300
250
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150
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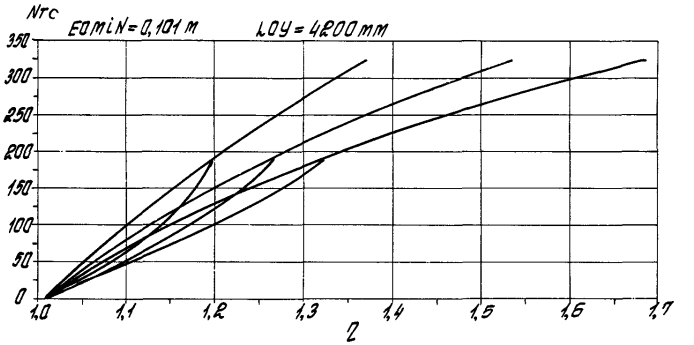
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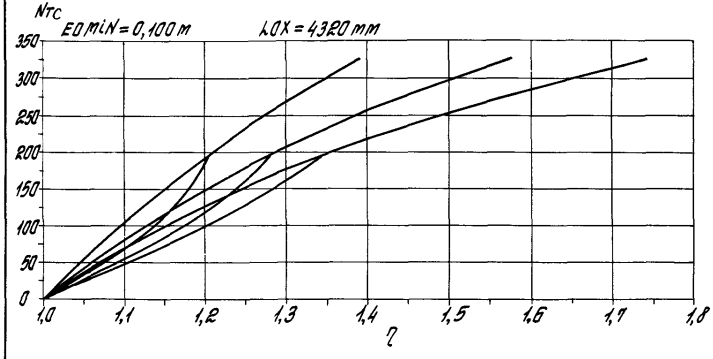


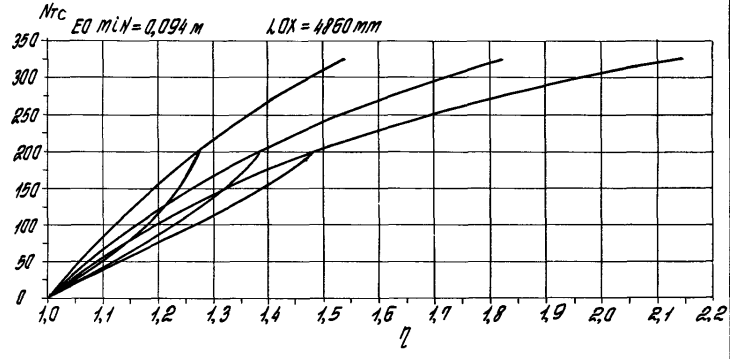


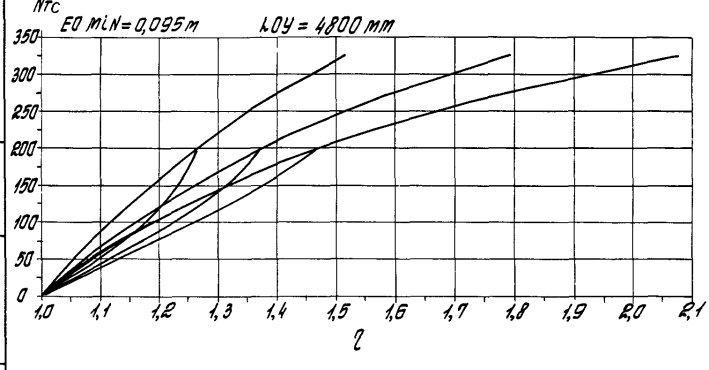


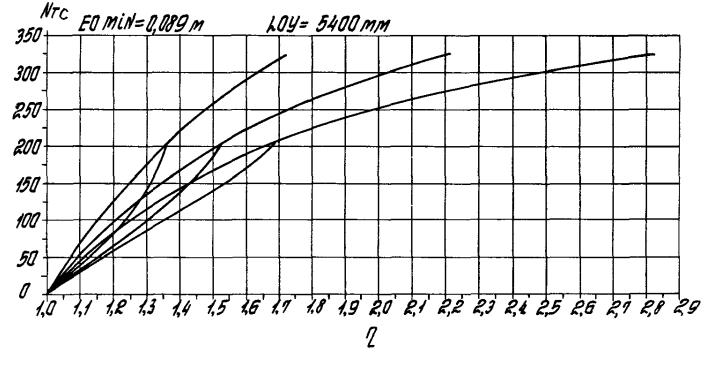


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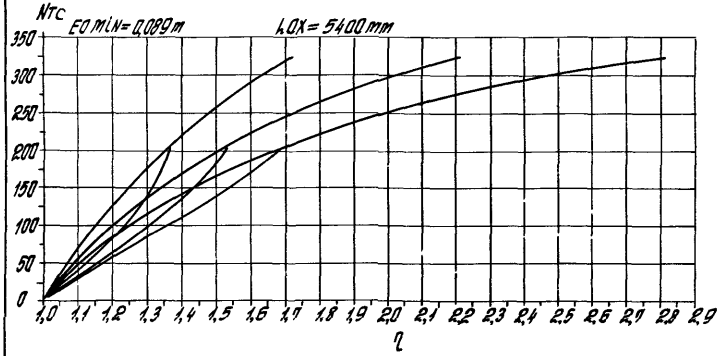


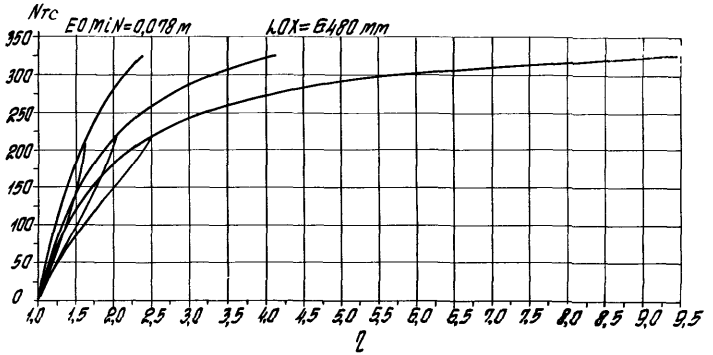


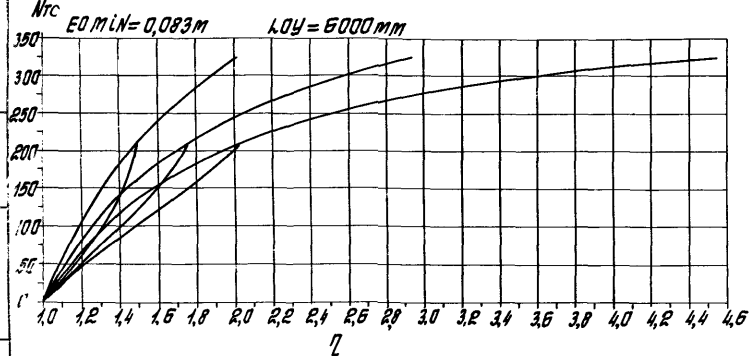


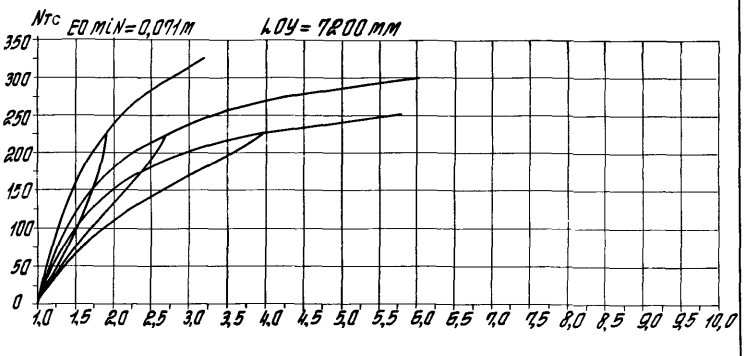


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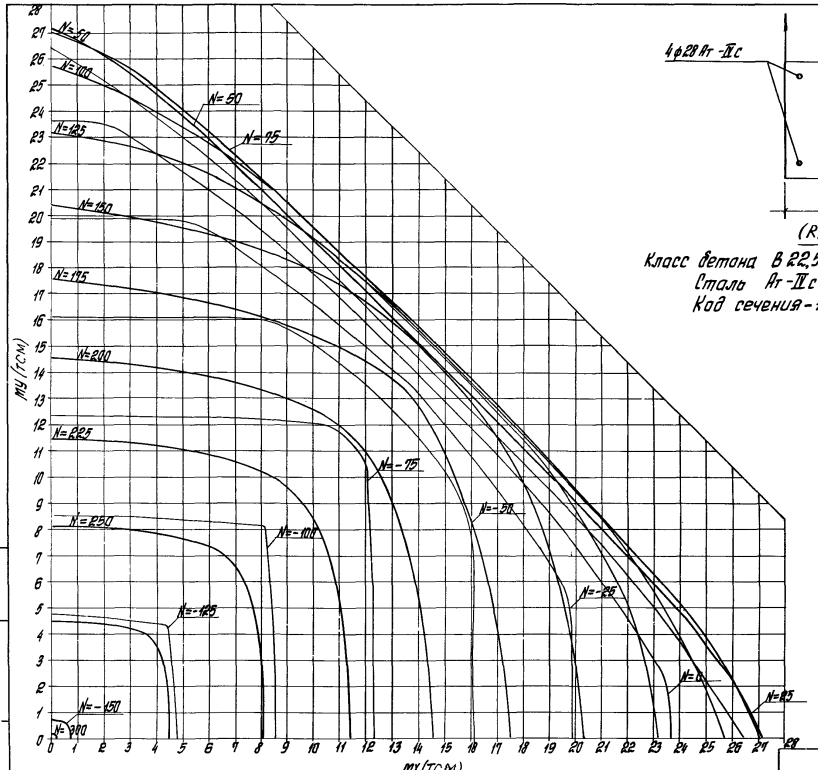


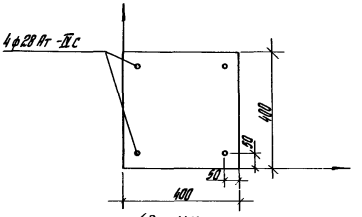


($R_в$=11,7)

Класс бетона В 22,5 $\sqrt{МПа}$ при учете $\gamma_{в2}$ = 0,90)

Сталь Ат-IVс

Код сечения-116б

Отпись и дата | Взам. инв. №

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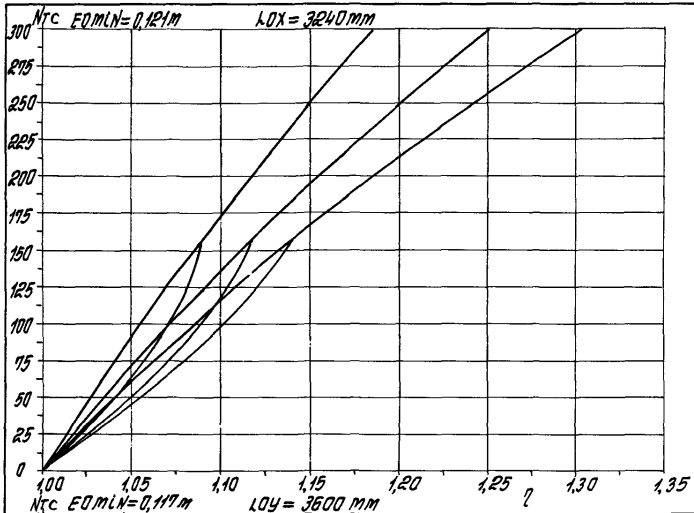
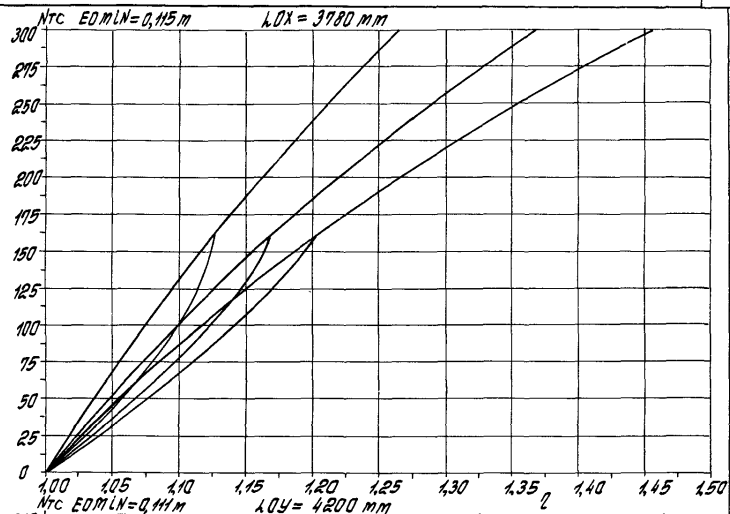
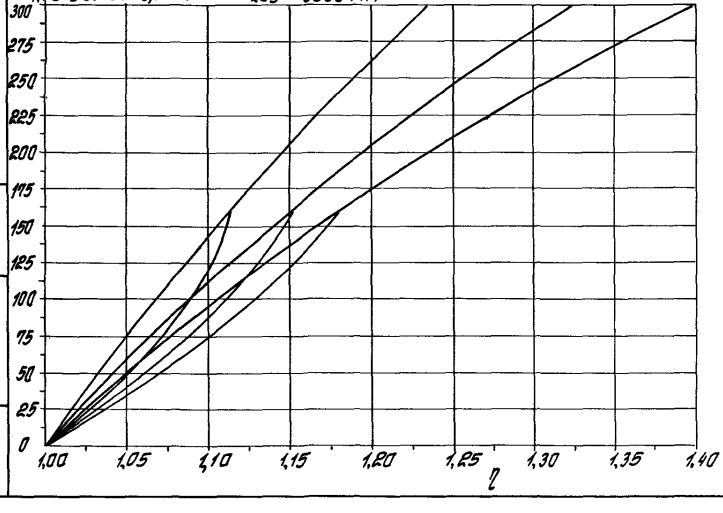
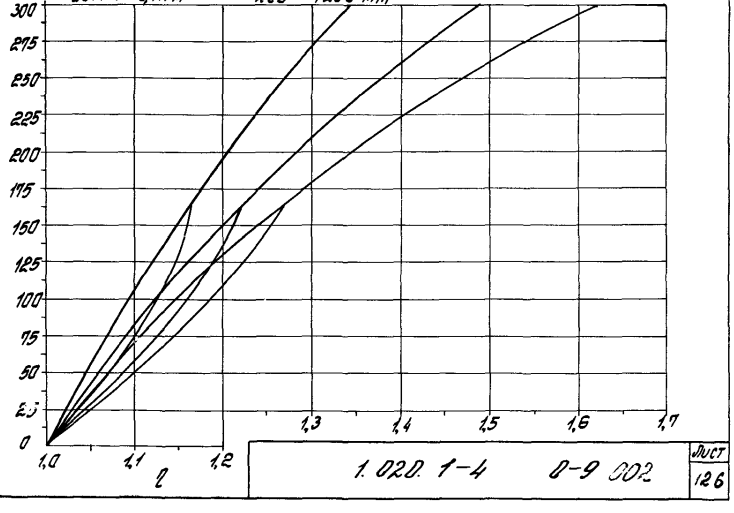


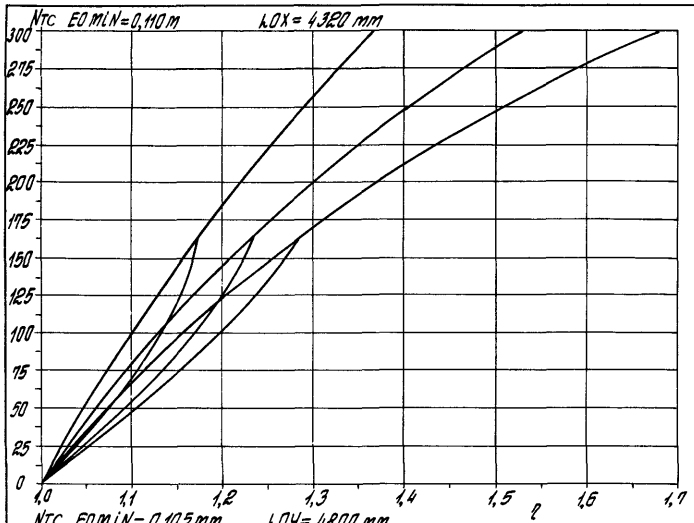



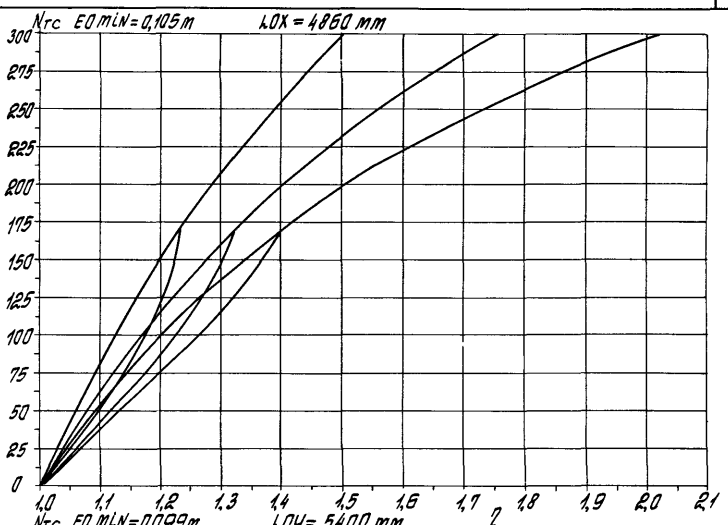



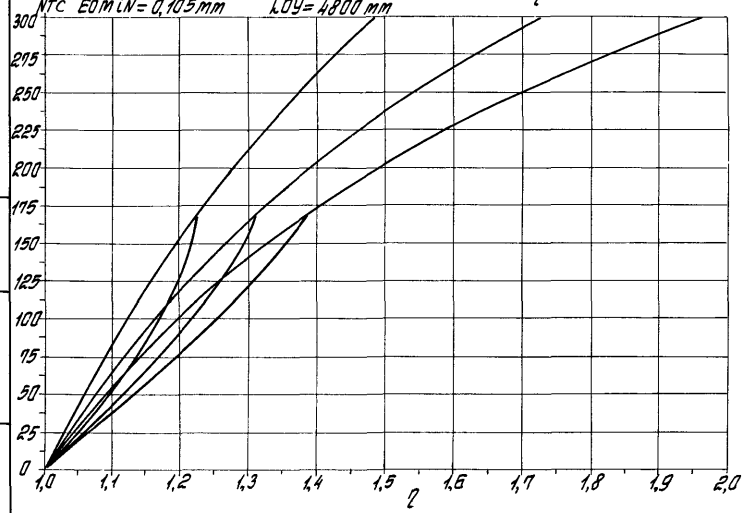

Инв.№ подл. | Подпись и дата | Взам.инв.№

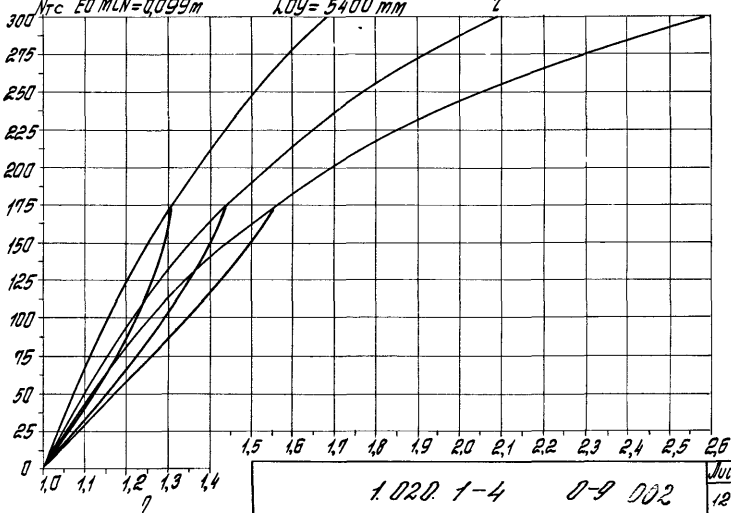
1.020.1-4 8-9 ОВ2

Лист 126



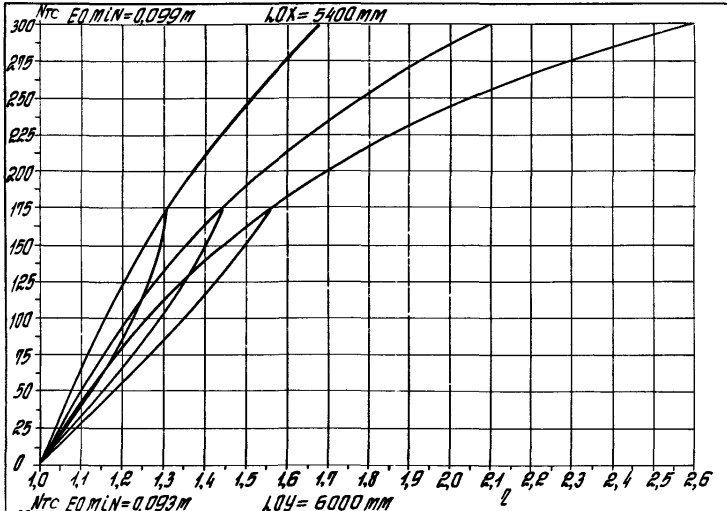



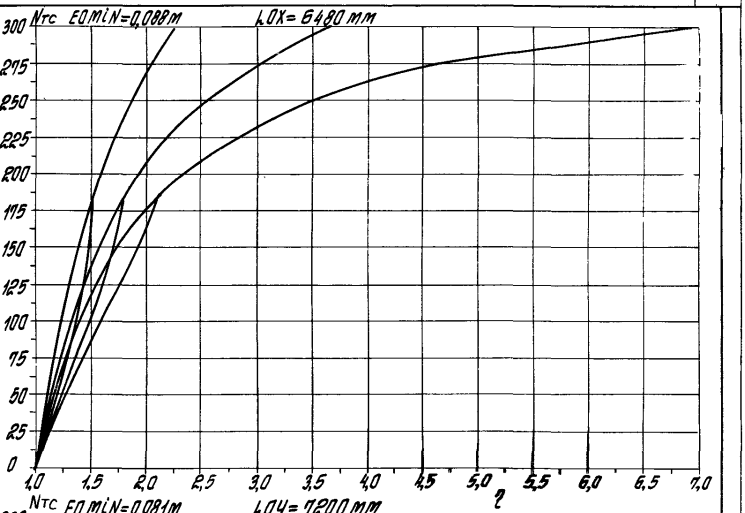

Инв. № подл. | Подпись и дата | Взам. инв. №

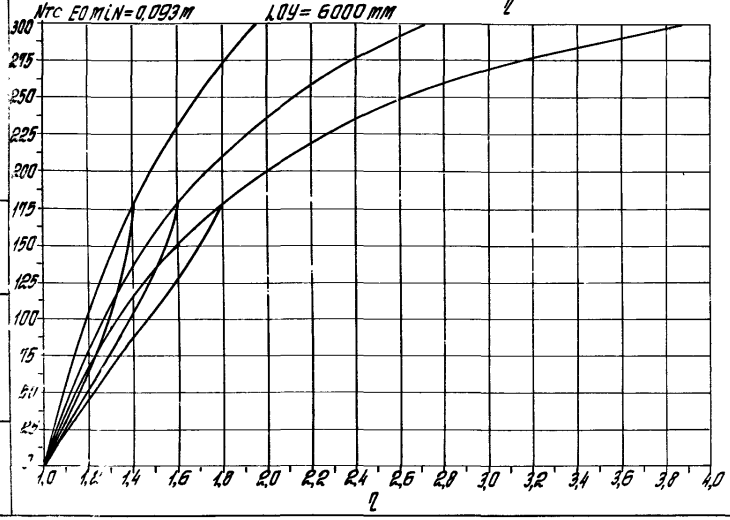
1.020.1-4 0-9 002

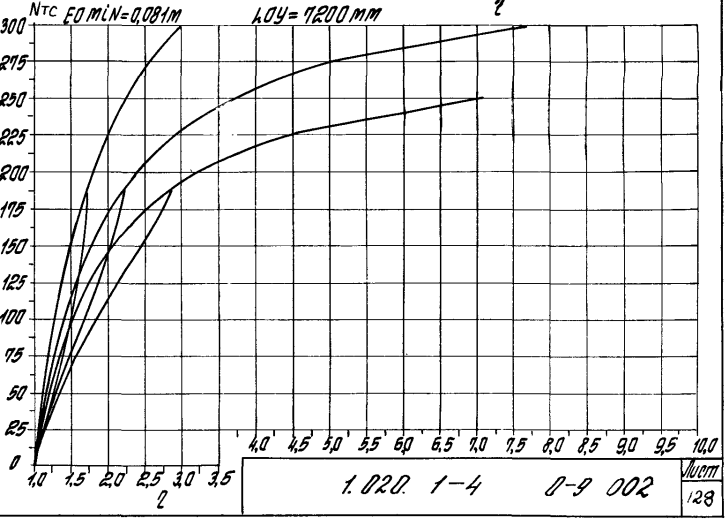
Лист 127

24166-01 32

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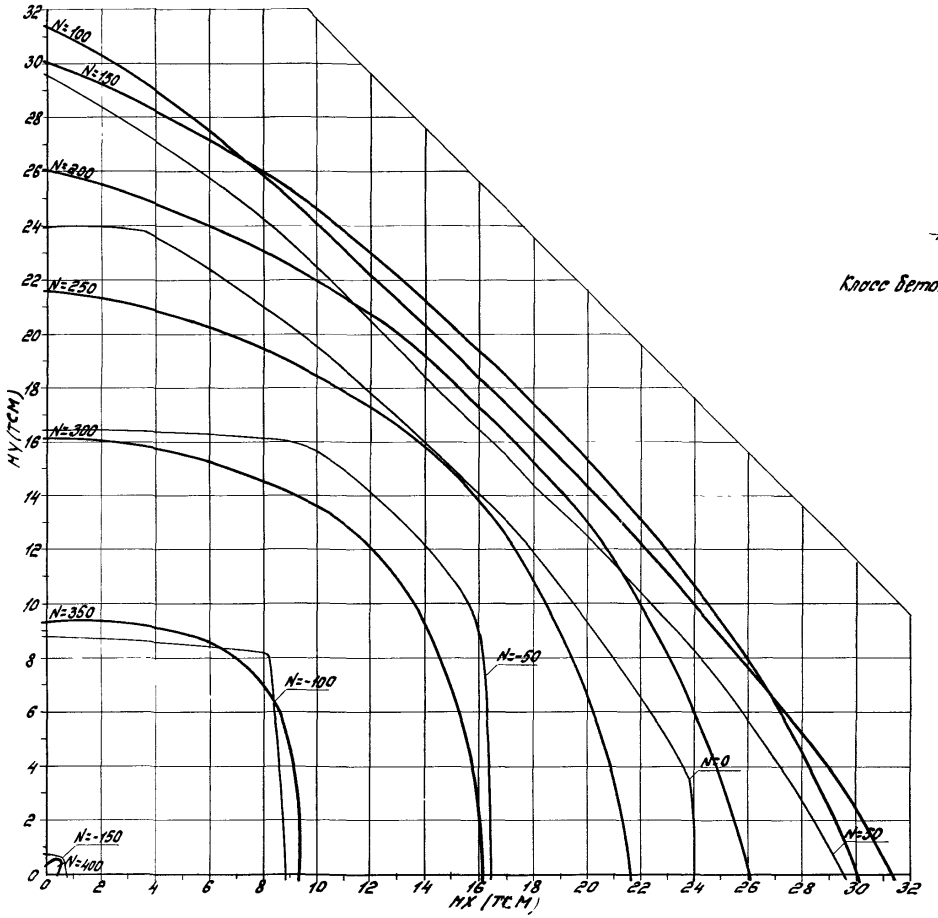
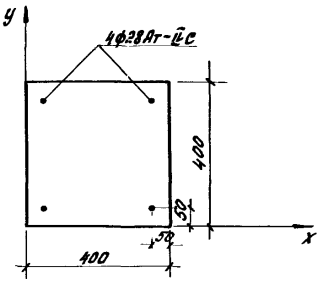
24166-02. 93



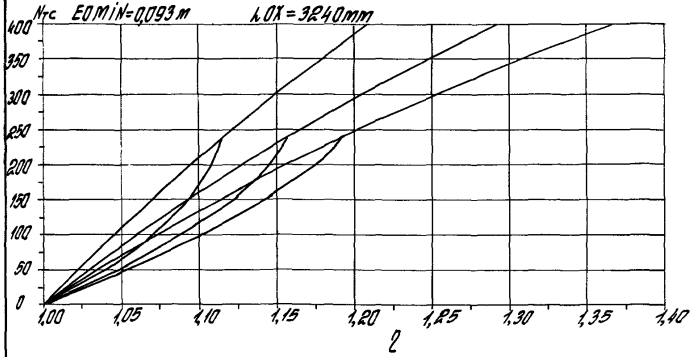




Класс бетона В30.0 ($R_b^a$ = 18.7 МПа при учёте $\gamma_{b_2}$ = 1,10)

Сталь Ат-IIс

Код сечения – 117а

| 1.020.1-4 0-9 002 | Лист 129 |
|---|---|


Nгс EOMiN=0,093 m
LOX=3240mm
400
350
300
250
200
150
100
50
0
1,00
1,05
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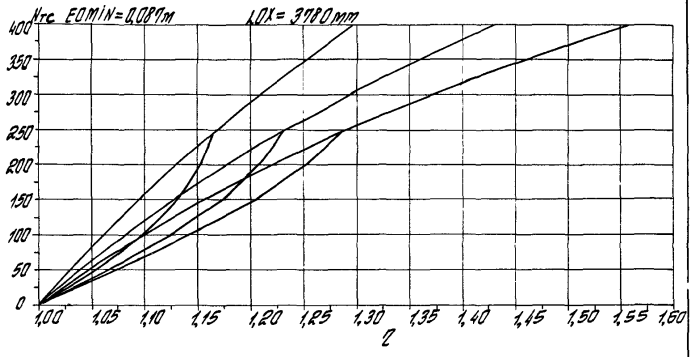
1,30
1,35
1,40
l


Nгс EOMiN=0,089m
LOX=3780mm
400
350
300
250
200
150
100
50
0
1,00
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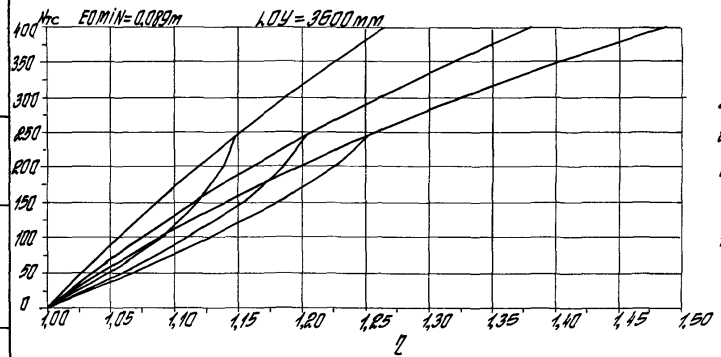
1,60
l


Nгс EOMiN=0,089m
LOY=3600mm
400
350
300
250
200
150
100
50
0
1,00
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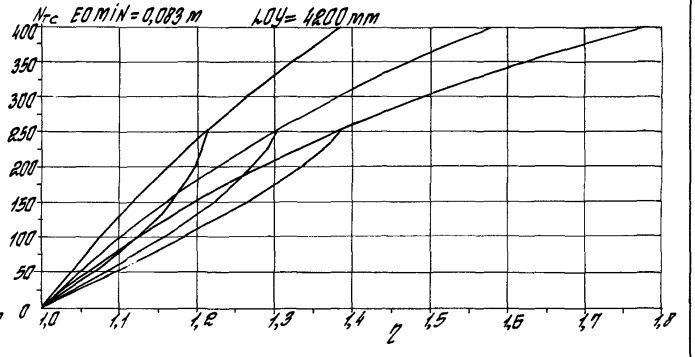
1,50
l


Nгс EOMiN=0,089 m
LOY=4800mm
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350
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250
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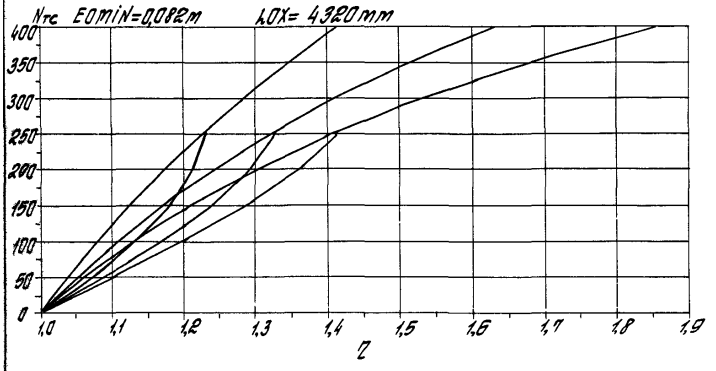
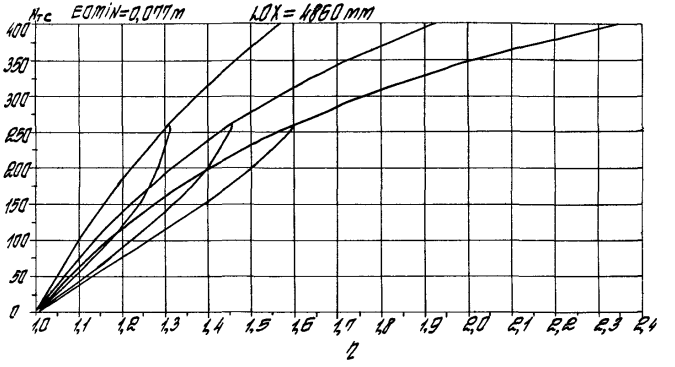
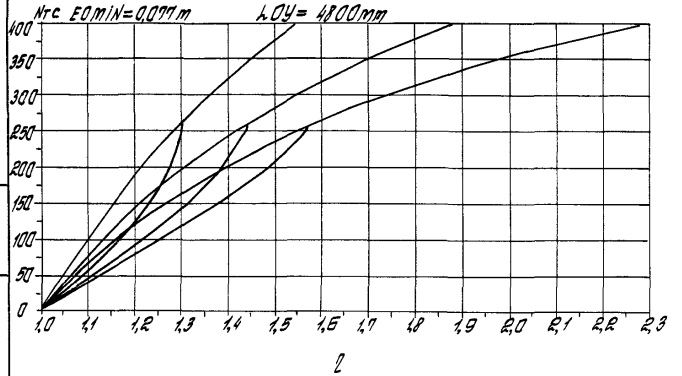
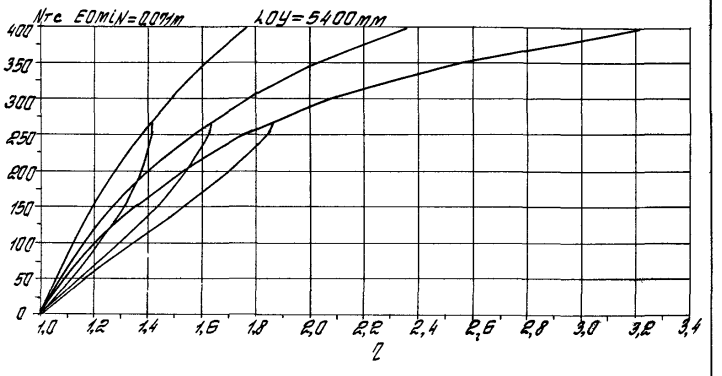
1,8
l

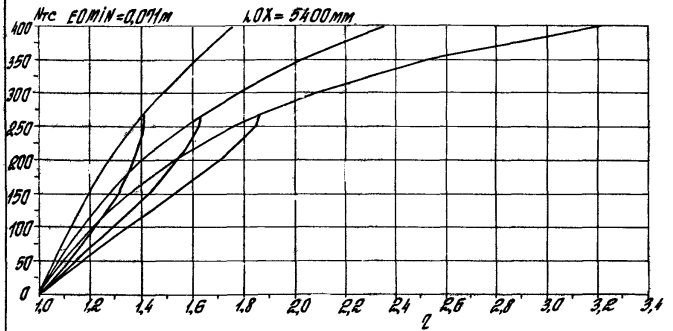


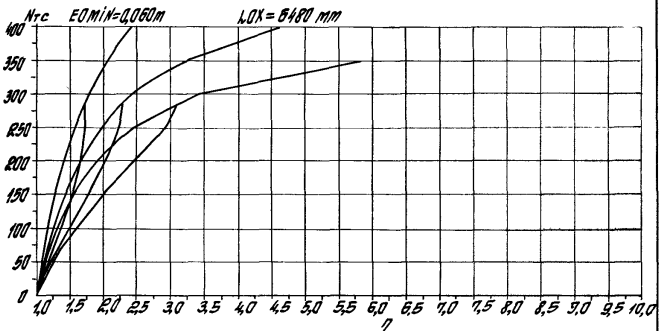



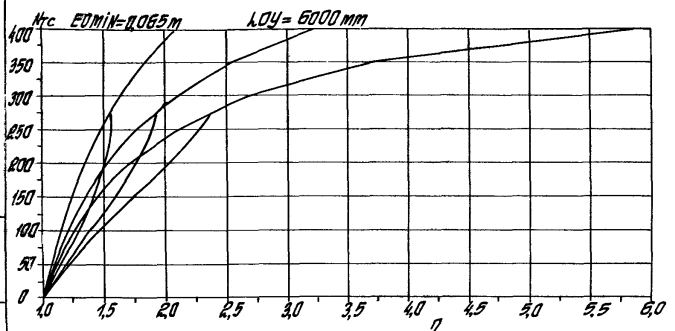



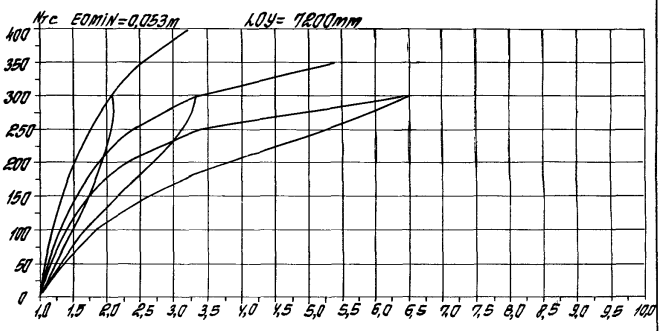




Инв.№ подл. | Подпись и дата | Взам.инв.№

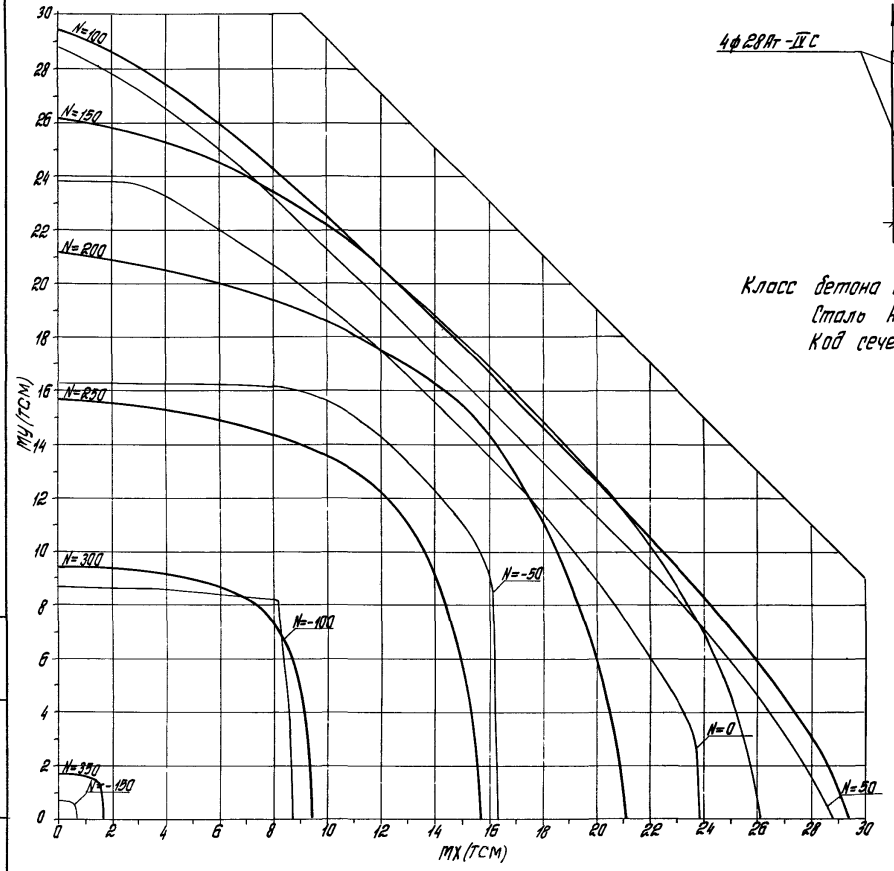


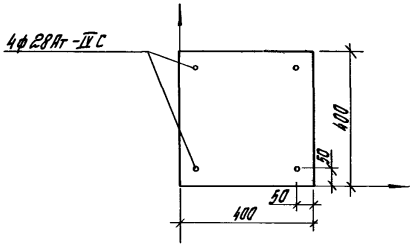




Инв.№ подл. | Подпись и дата | Взам.инв.№

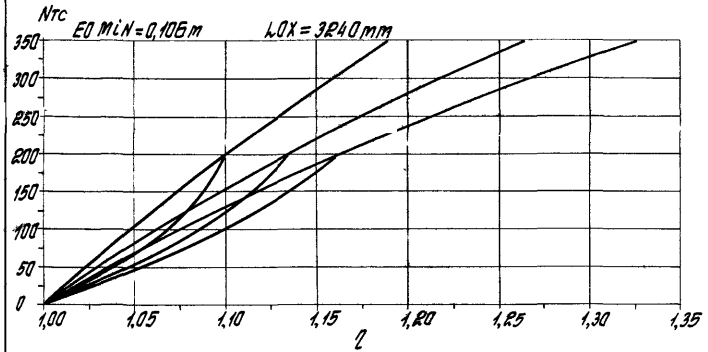



Класс бетона В 30,0 ($R_B$ = 15,3 МПа при учете $\gamma_{B2}$ = 0,90)
Сталь Ат-IVС
Код сечения - 117б



Инв.№ подл. | Подпись и дата | Взам.инв.№


Nтс
e0 min = 0,105 m
l0x = 3240 mm
350
300
250
200
150
100
50
0
1,00
1,05
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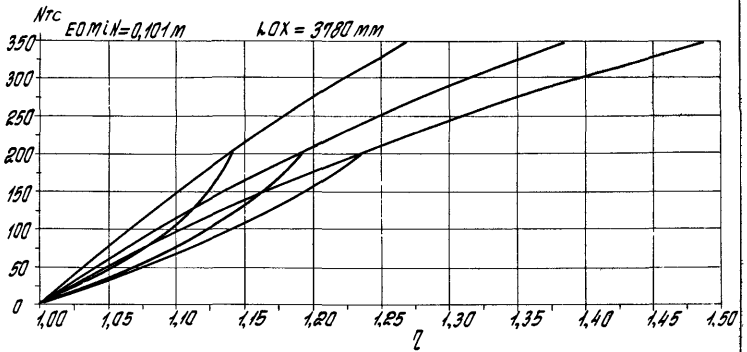
1,25
1,30
1,35
η


Nтс
e0 min = 0,101 m
l0x = 3780 mm
350
300
250
200
150
100
50
0
1,00
1,05
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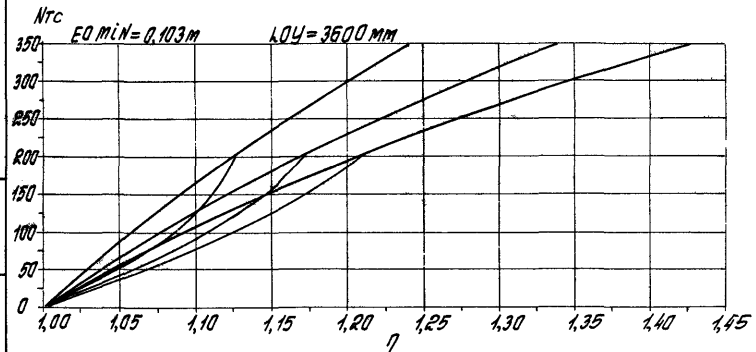
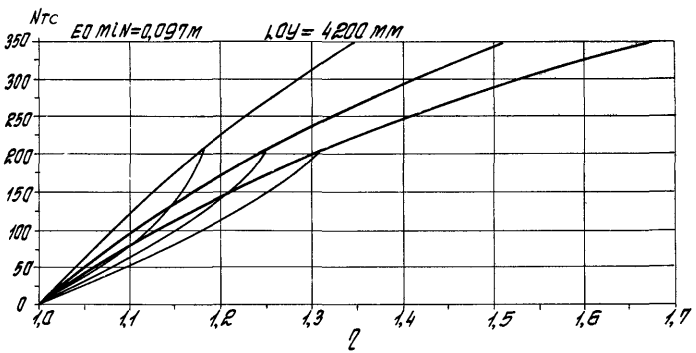
1,40
1,45
1,50
η


Nтс
e0 min = 0,103 m
l0y = 3600 mm
350
300
250
200
150
100
50
0
1,00
1,05
1,10
1,15
1,20
1,25
1,30
1,35
1,40
1,45
η


Nтс
e0 min = 0,097 m
l0y = 4200 mm
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300
250
200
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1,4
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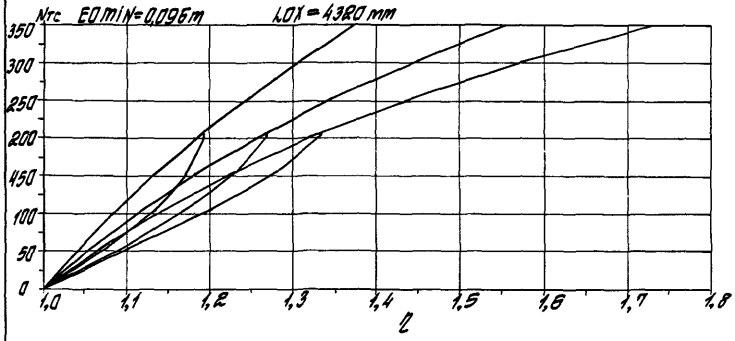
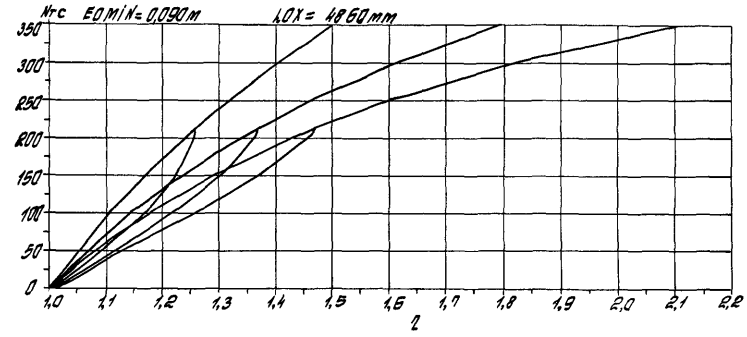
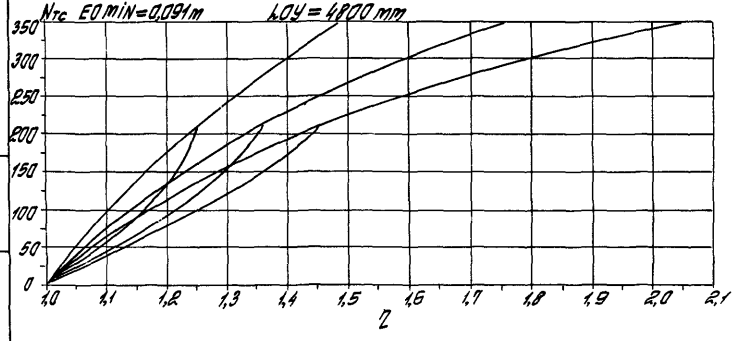
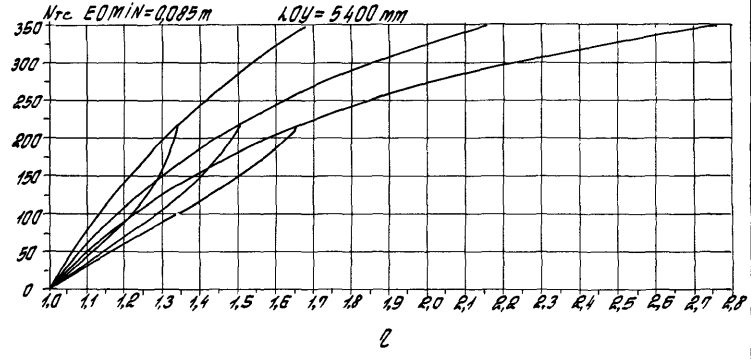
1,7
η

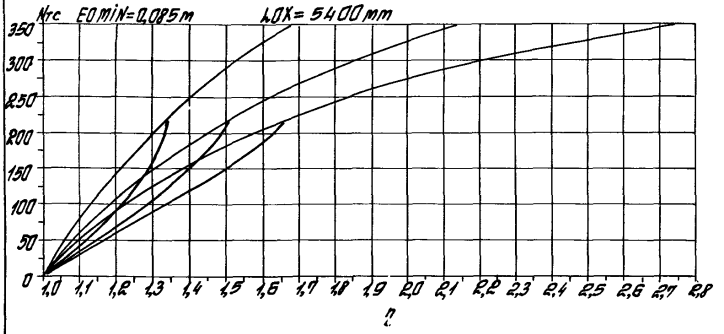


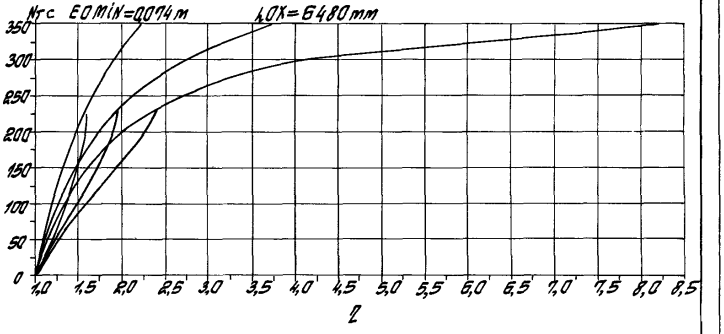



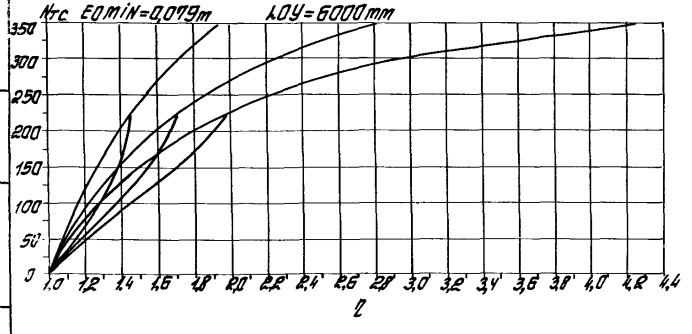



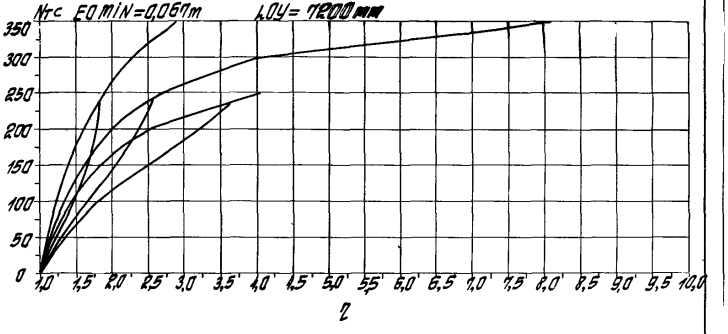




Инв. № подл. | Подпись и дата | Взам. инв. №

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| 1.020.1-4 0-9 002 | Лист 136 |
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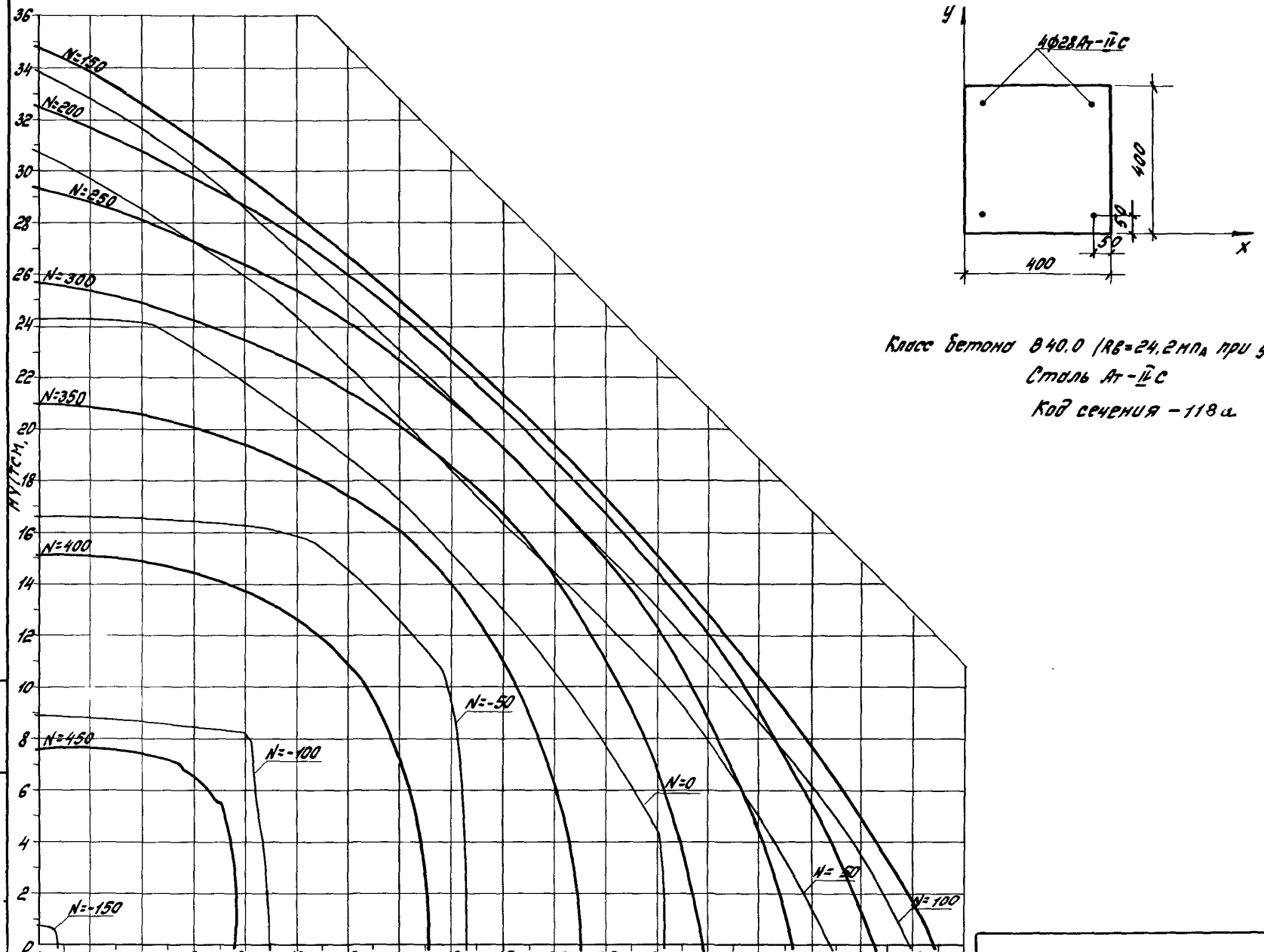




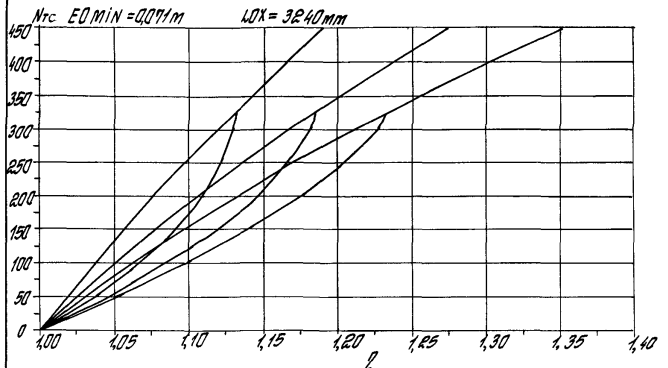


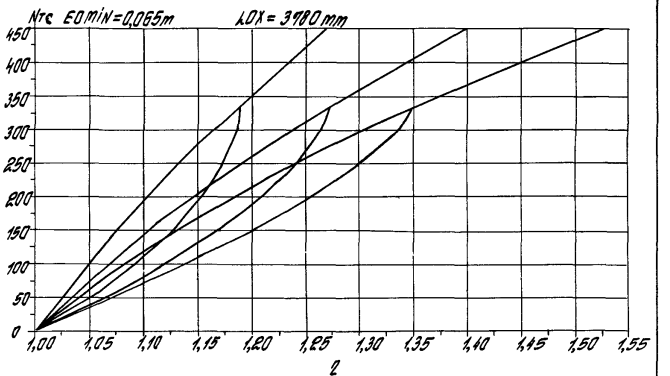
Класс бетона В40.0 ($R_B$=24,2 МПа при учёте $\gamma_{B_2}$=1,10)

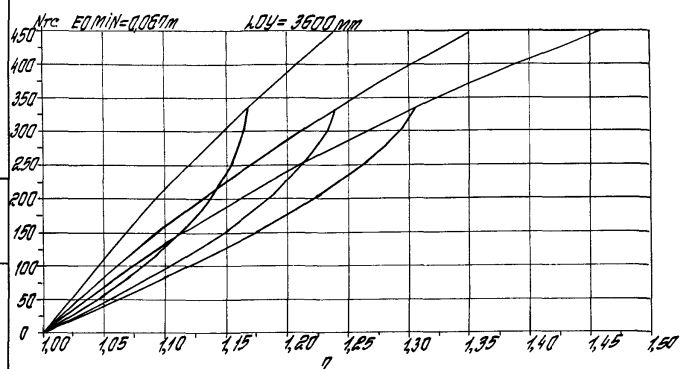
Сталь Ат-IVС

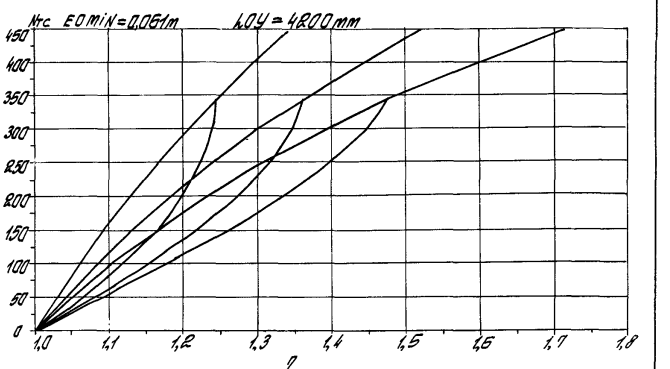
Код сечения – 118 а

| | |
|---|---|
| 1.020.1-4 0-9 002 | Лист 137 |

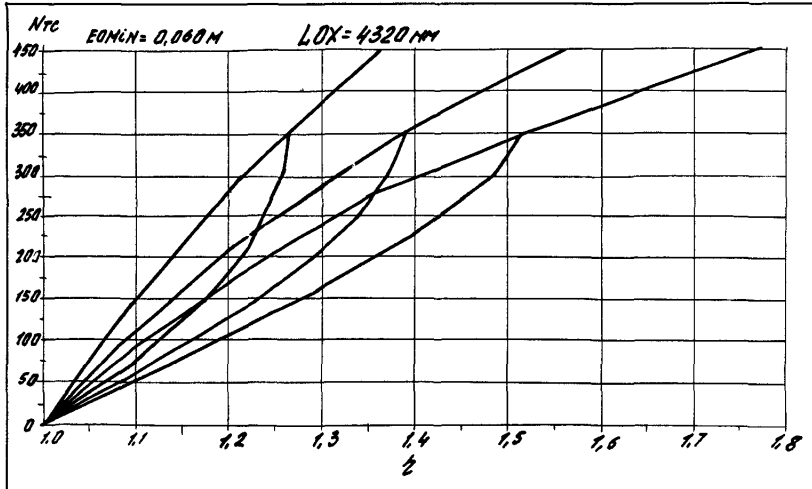


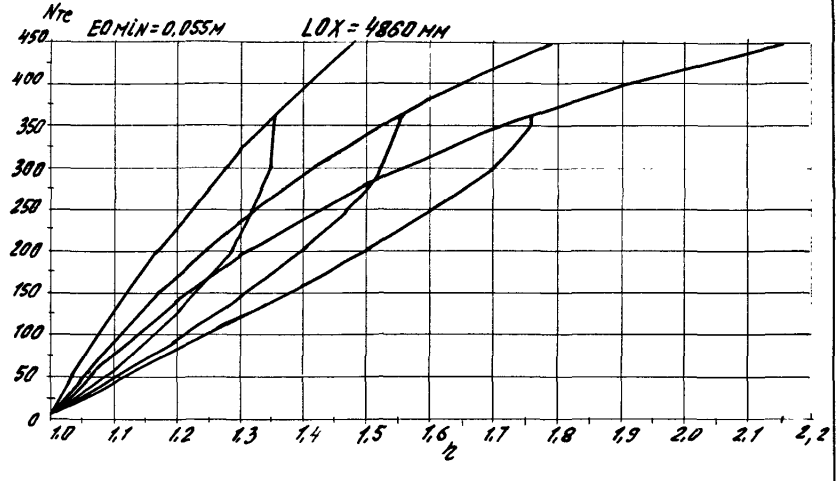



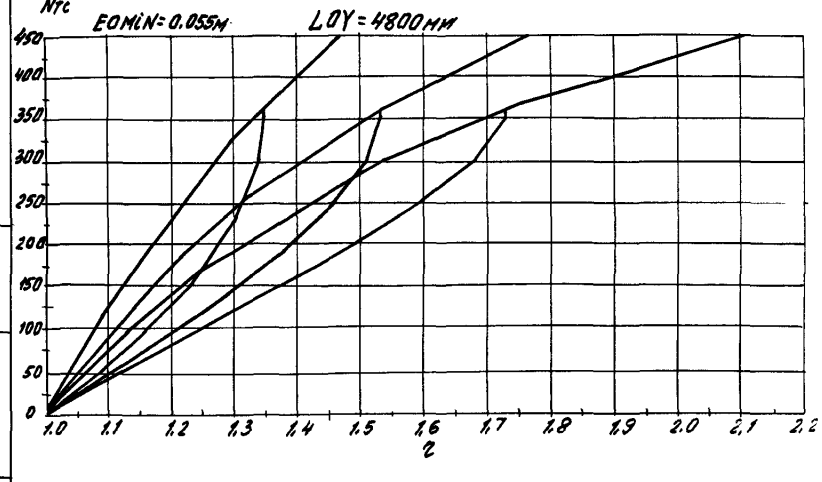



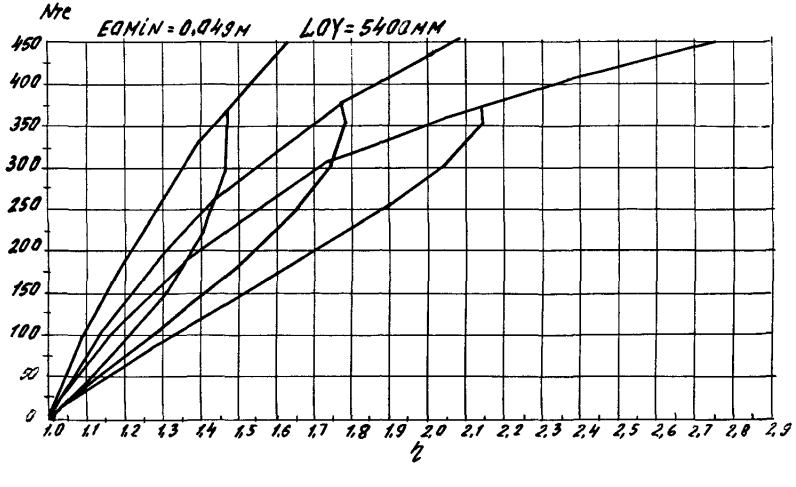




Инв. № подл. | Подпись и дата | Взам. инв. №



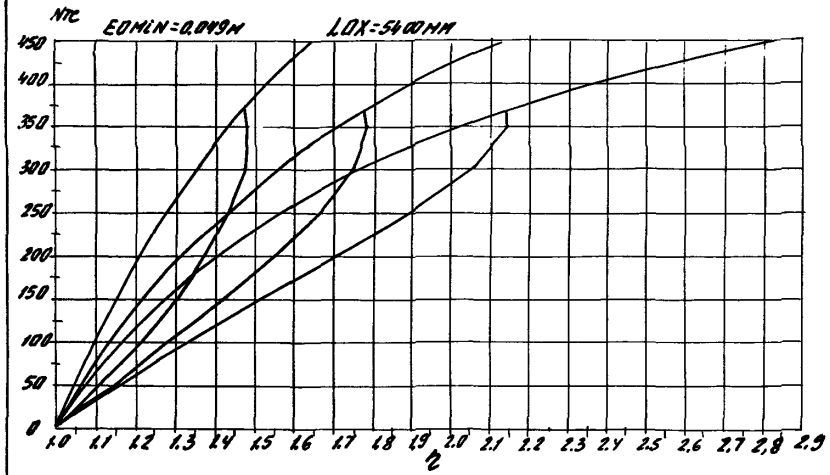



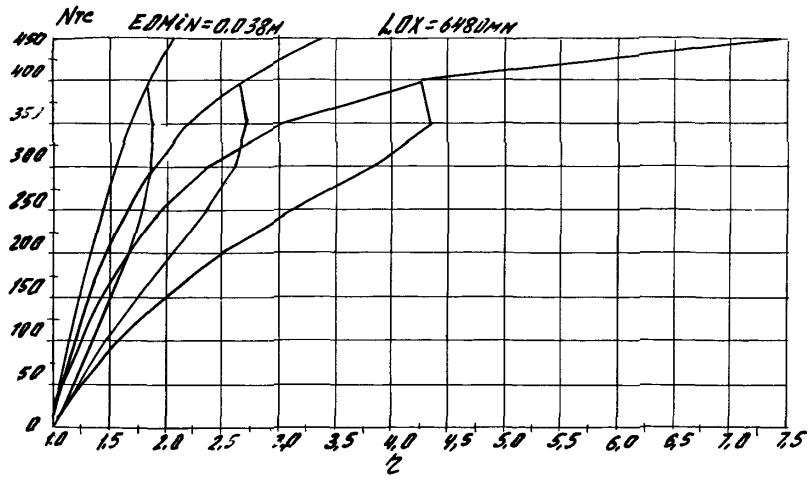

Инв. № подл. | Подпись и дата | Взам. инв. №

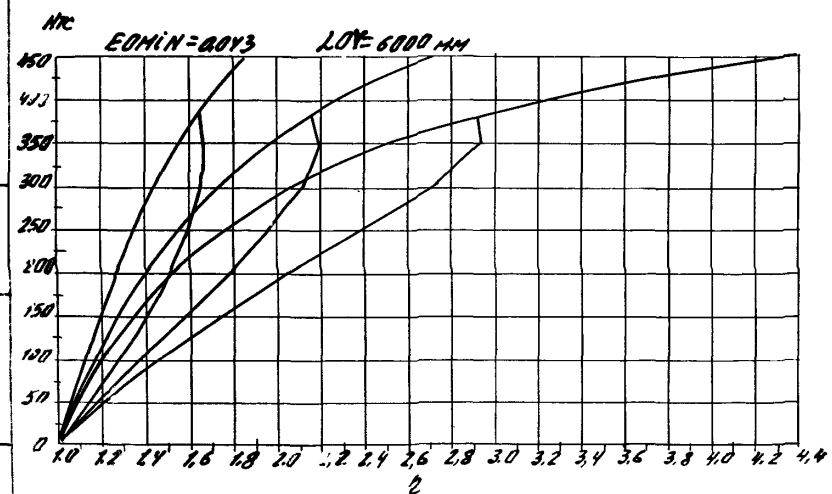
1.020.1-4 0-9 002

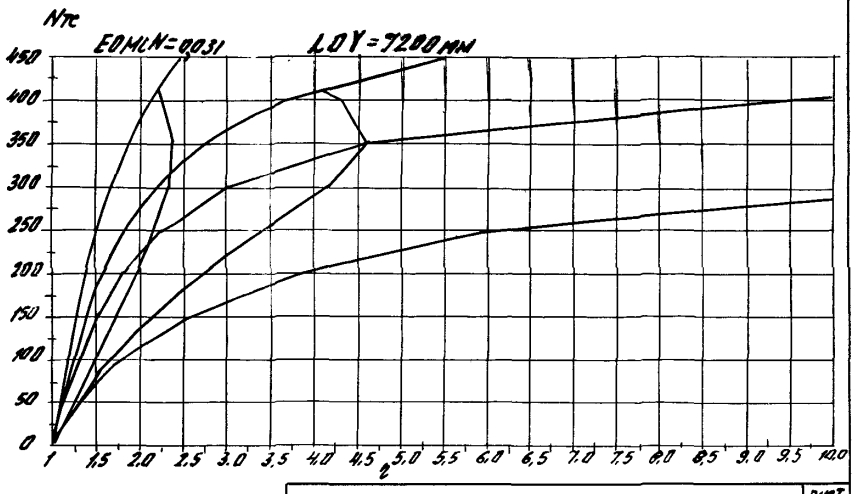
Лист 139

24166-02 44




Инв.№ подл. | Подпись и дата | Взам.инв.№

| 1.020.1-4 0-9 002 | Лист 140 |
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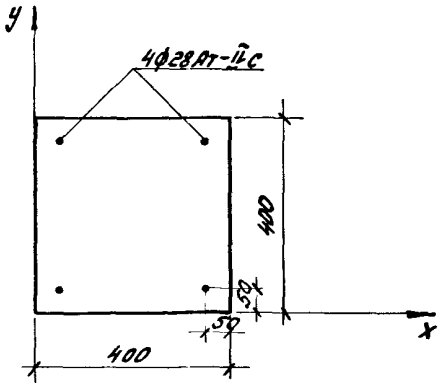
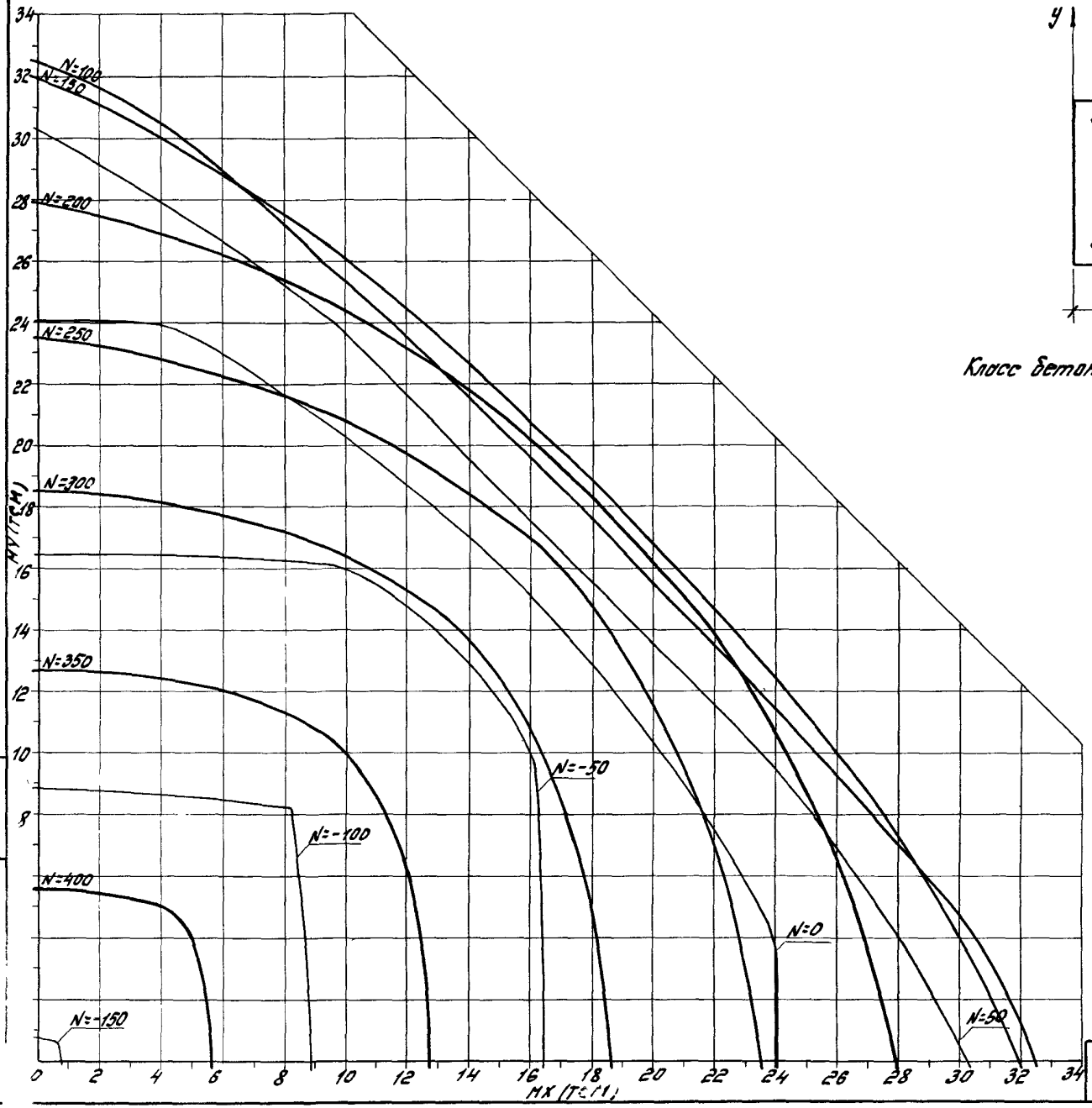



Класс бетона В40.0 ($R_b$ = 19.8 МПа при учёте $\gamma_{b2}$ = 0.90)

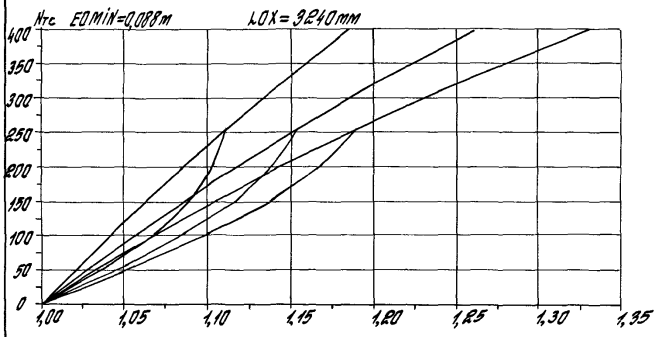
Сталь Ат-IIс

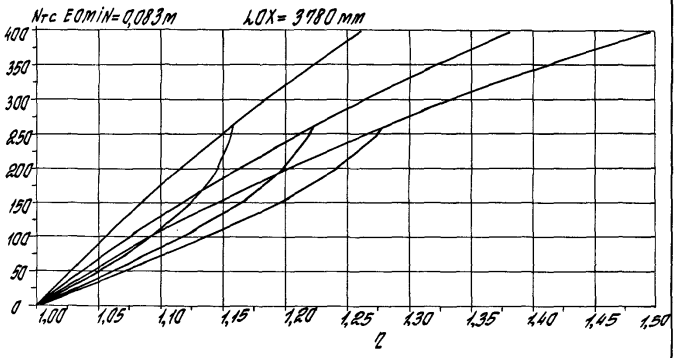
Код сечения – 1185

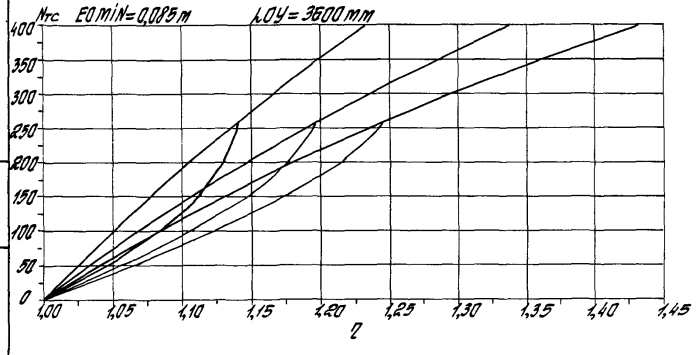


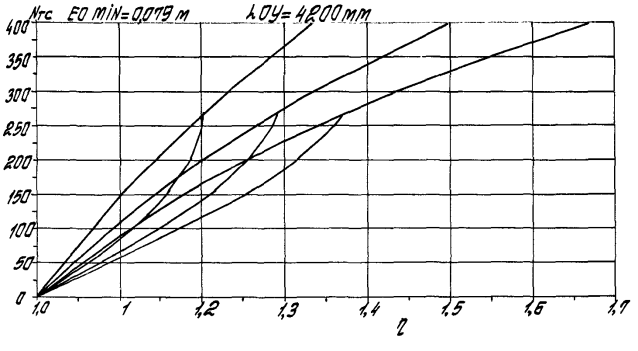

1.020.1-4 С-3 002

Лист 14

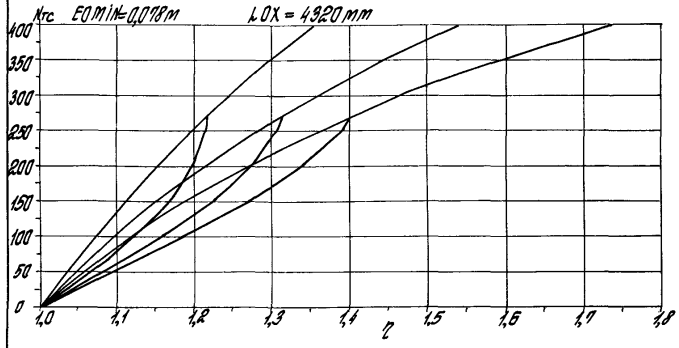



Инв.№ подл. | Подпись и дата | Взам.инв.№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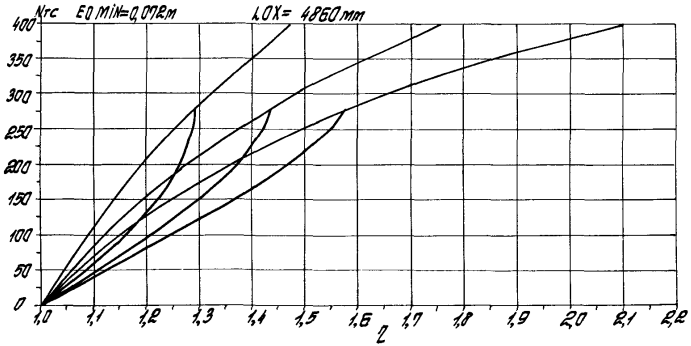
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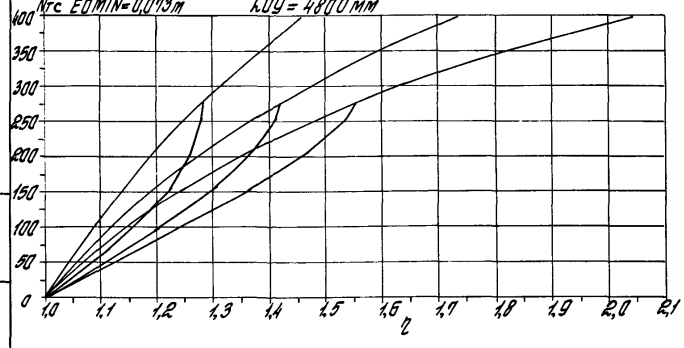
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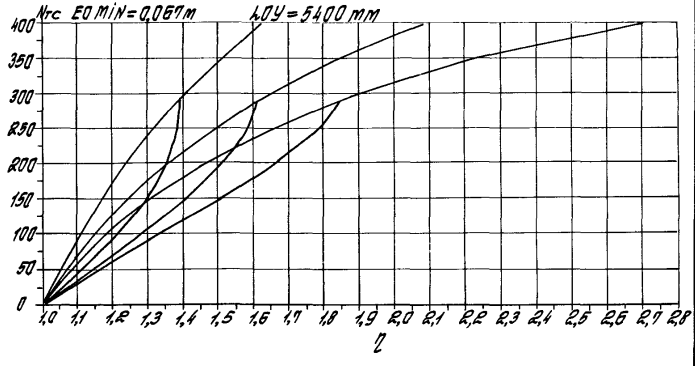
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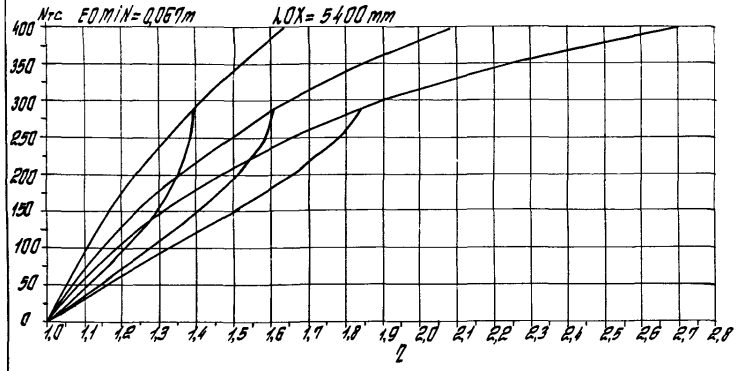


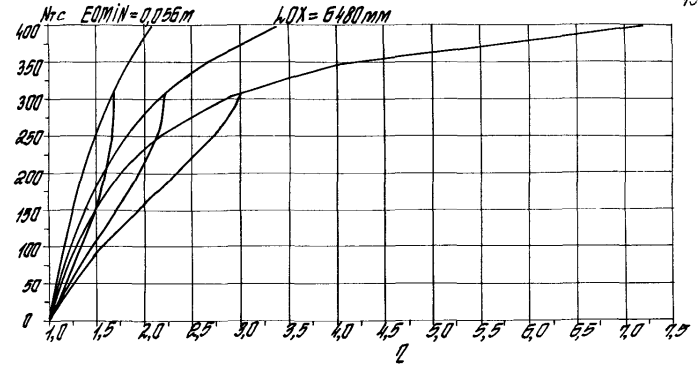


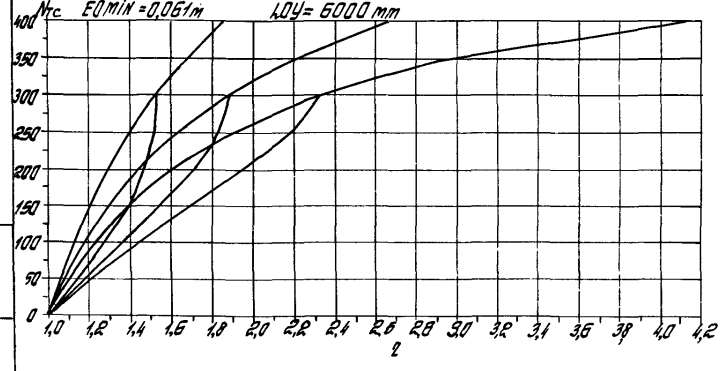


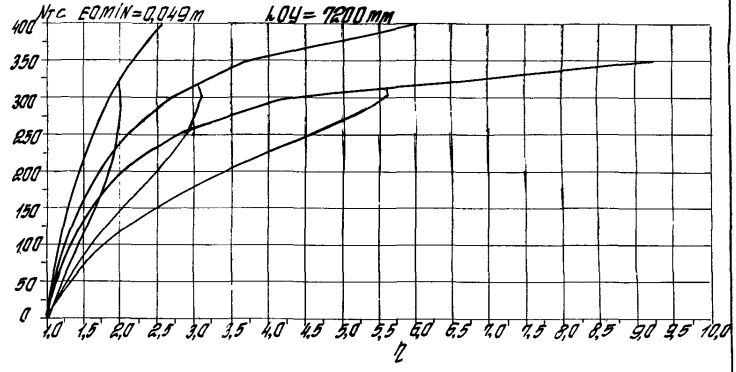


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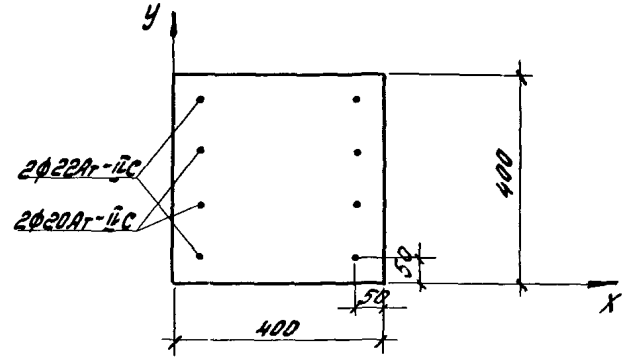
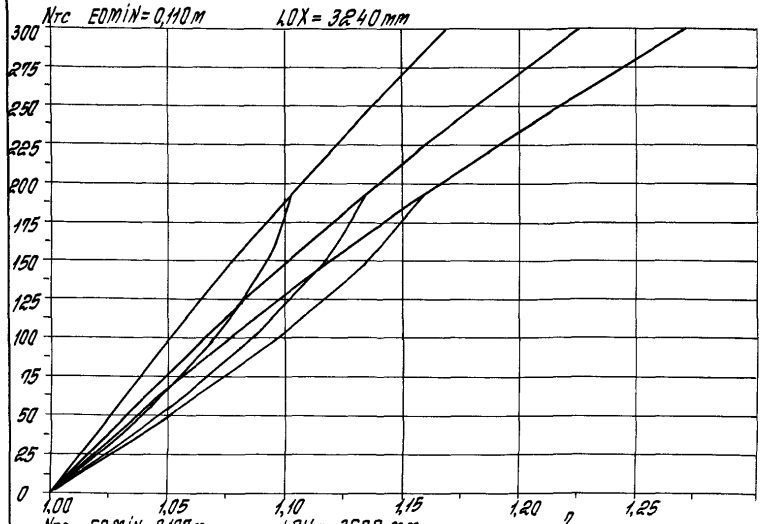
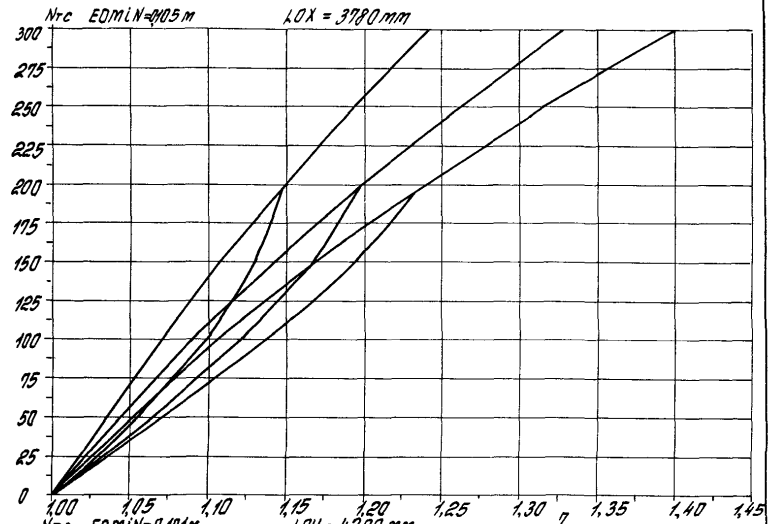


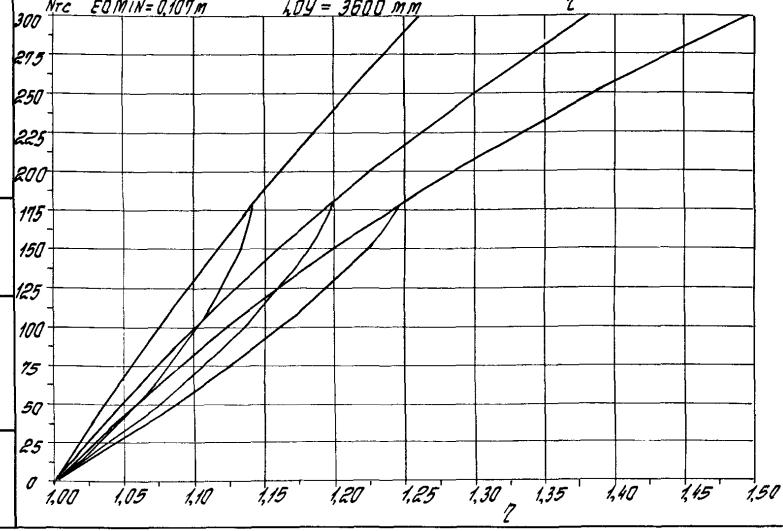

Класс бетона В22.5 / $R_b$ = 14.3 МПа при учете $\gamma_{b2}$ = 1.10)

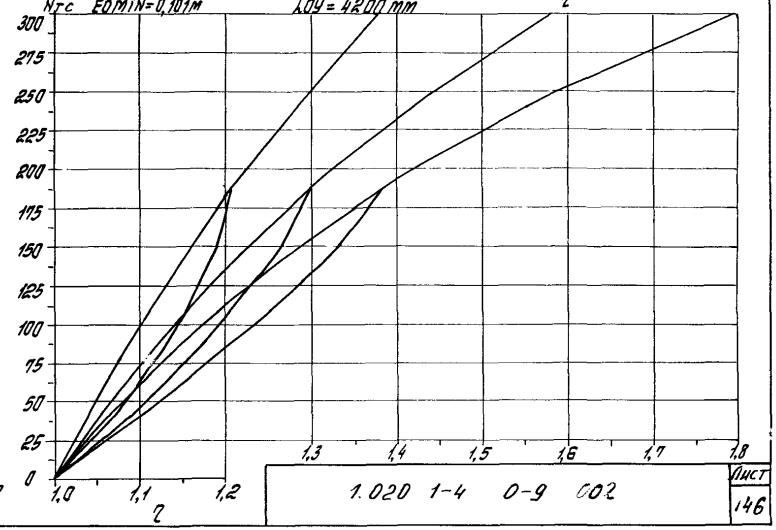
Сталь Ат-IIС

Код сечения - 149ц



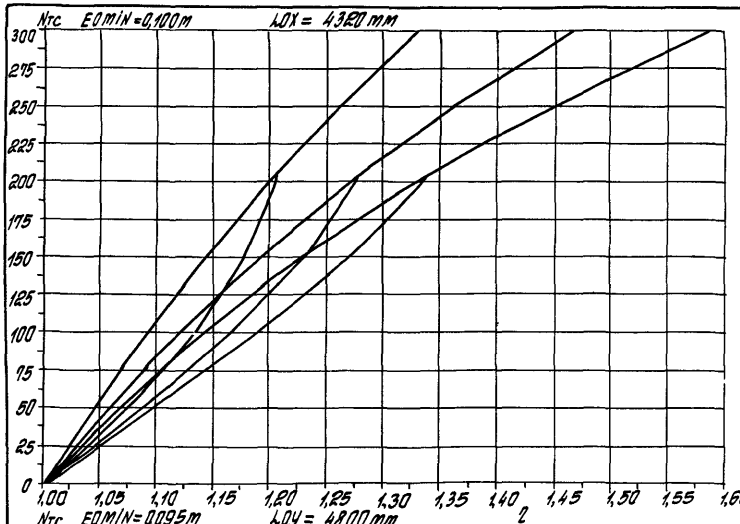



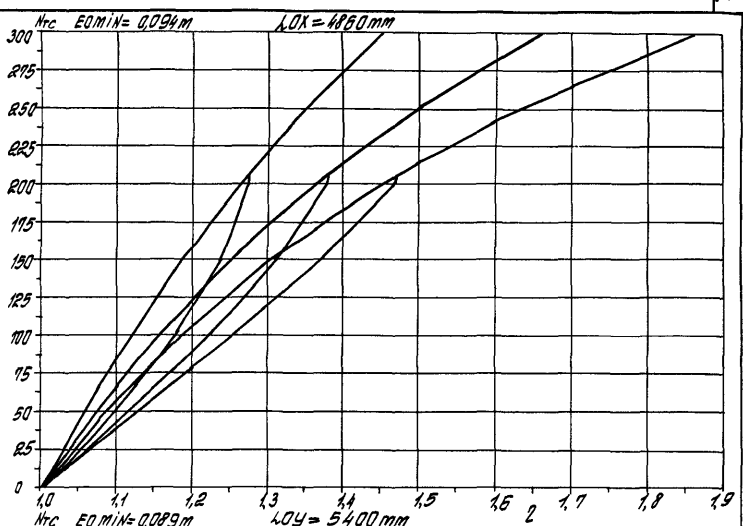



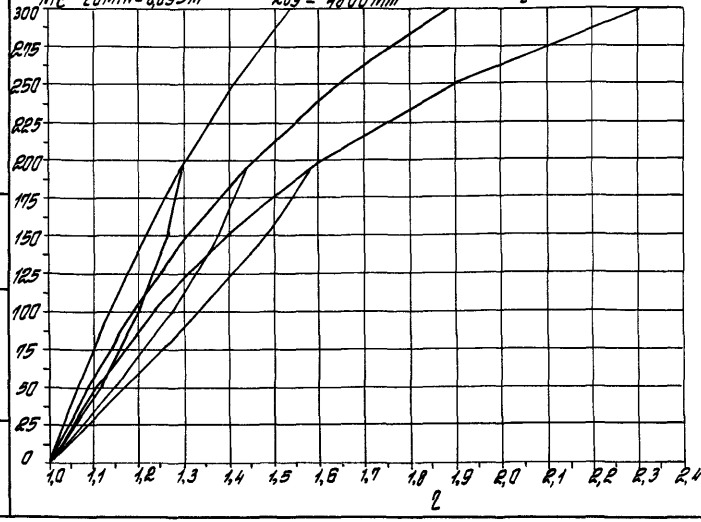

Инв. № подл. | Подпись и дата | Взам. инв. №

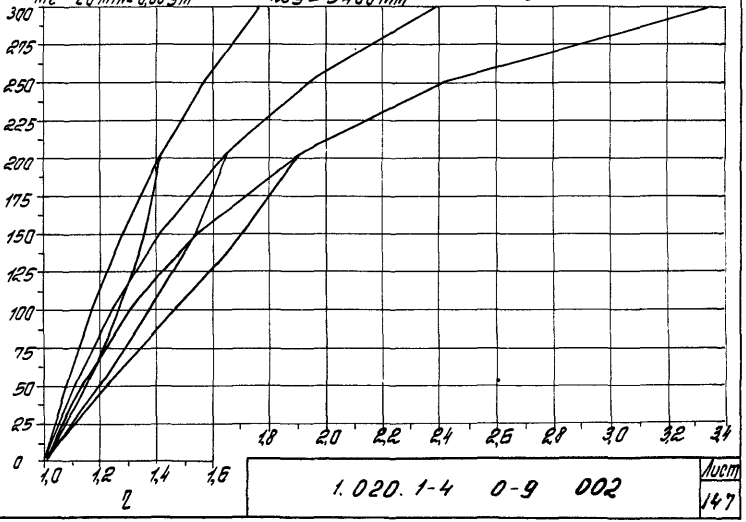
1.020 1-4 0-9 ГО2

Лист 146



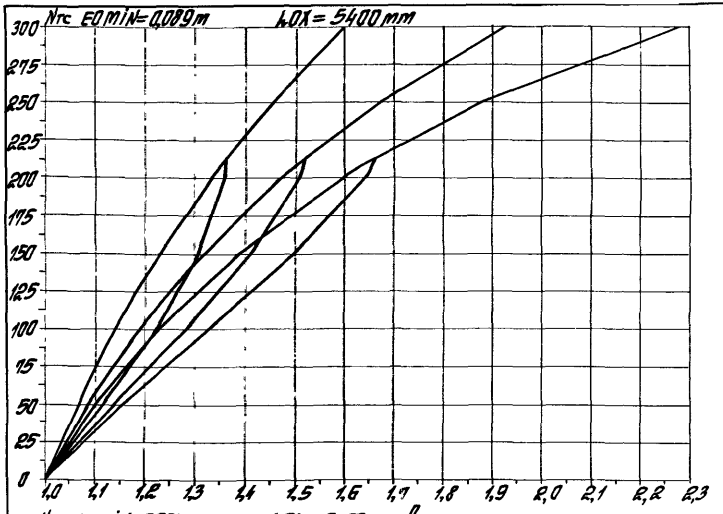



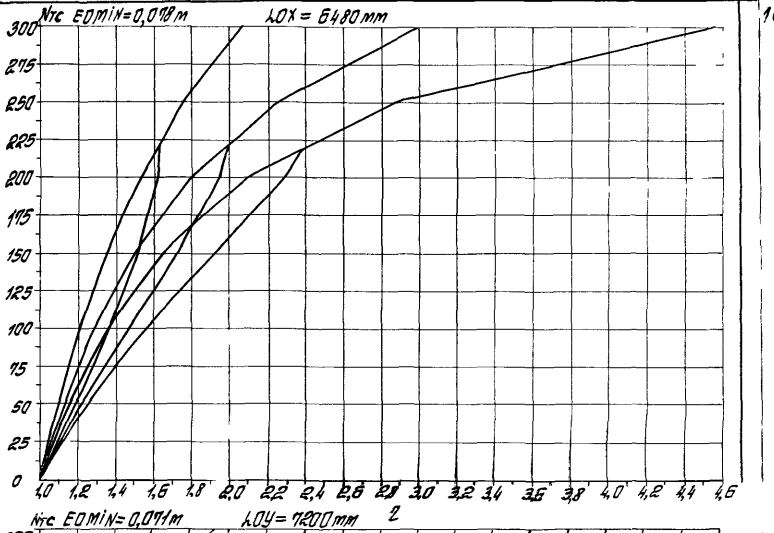

Инв.№ подл. | Подпись и дата | Взам. инв.№

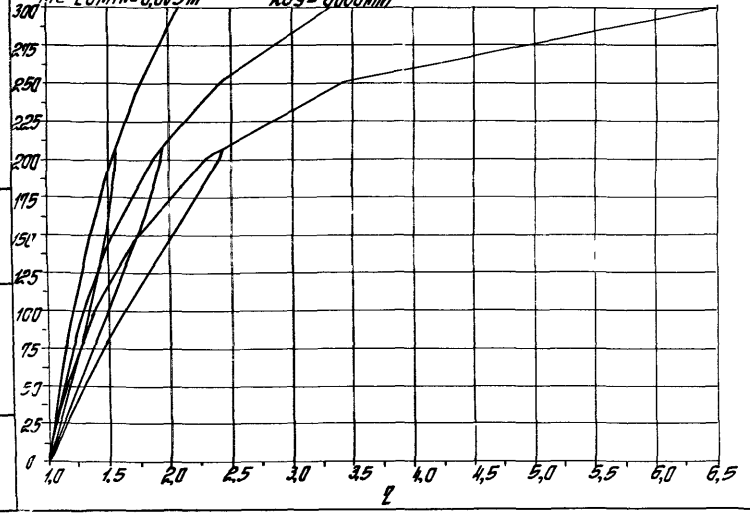
1.020.1-4 0-9 002

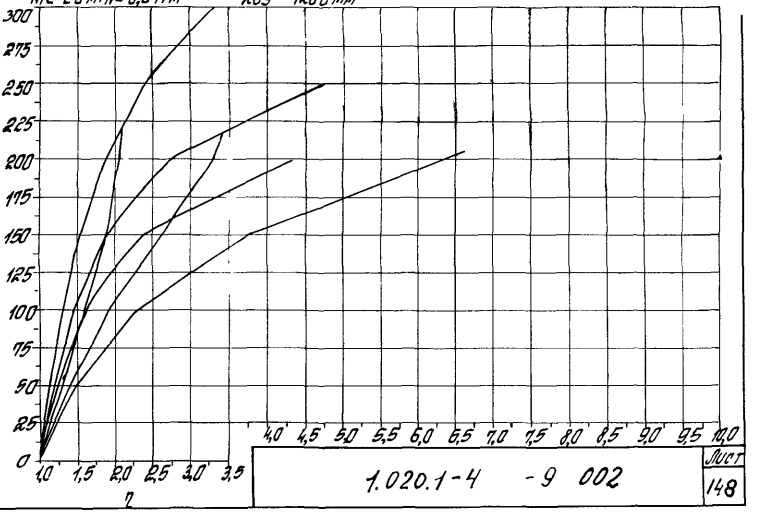
Лист 147

24166-02 58

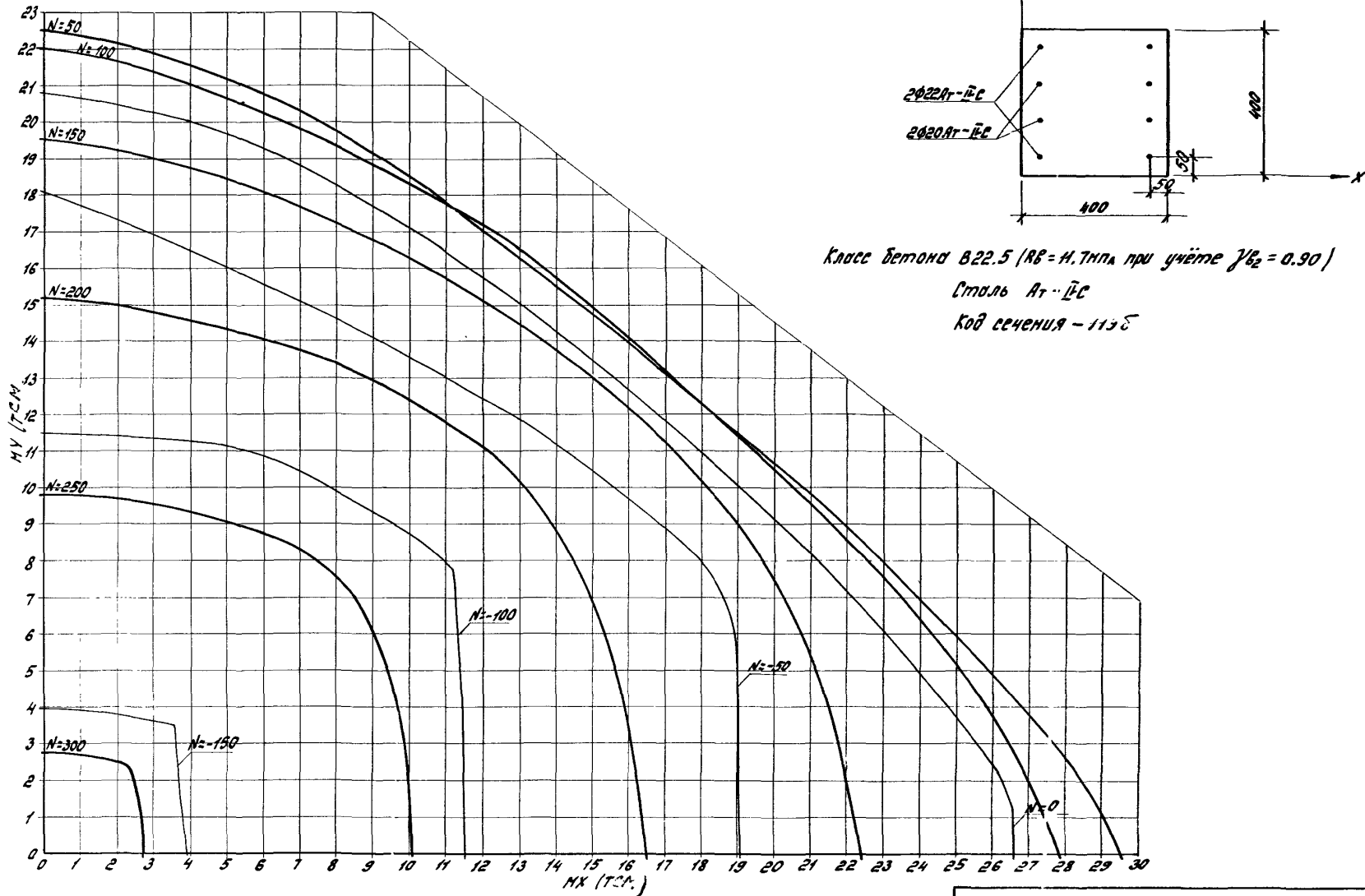



Инв.№ подл. | Подпись и дата | Взам.инв.№





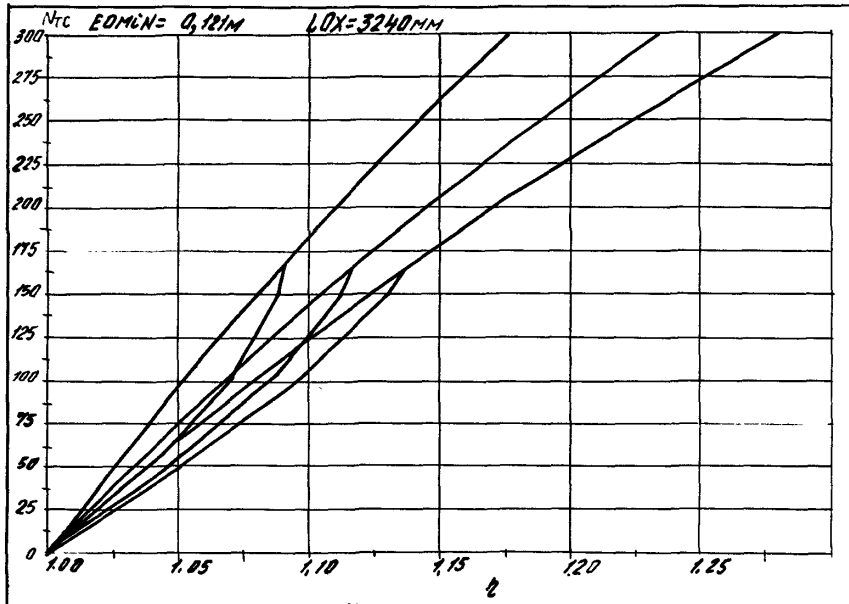


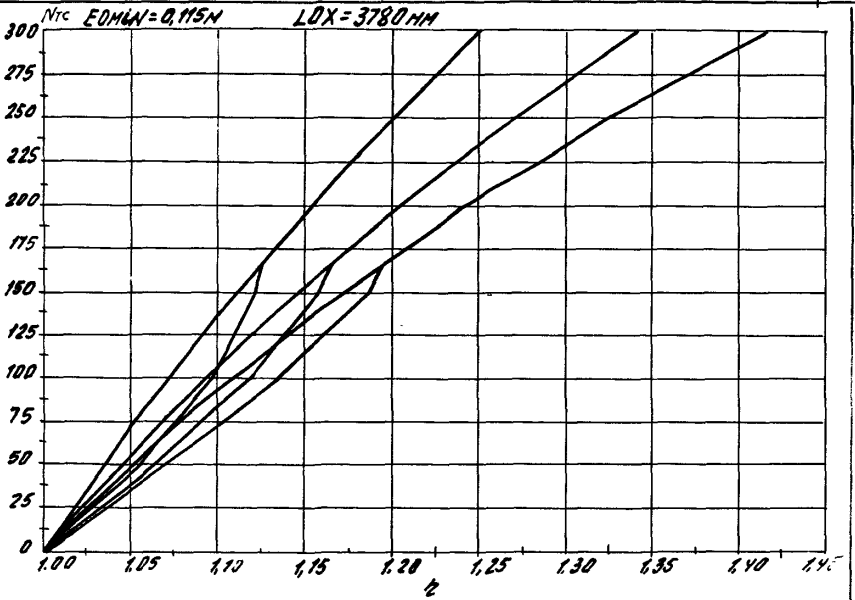
Класс бетона В22.5 ($R_B$ = 11.7МПа при учёте $\gamma_{B2}$ = 0.90)

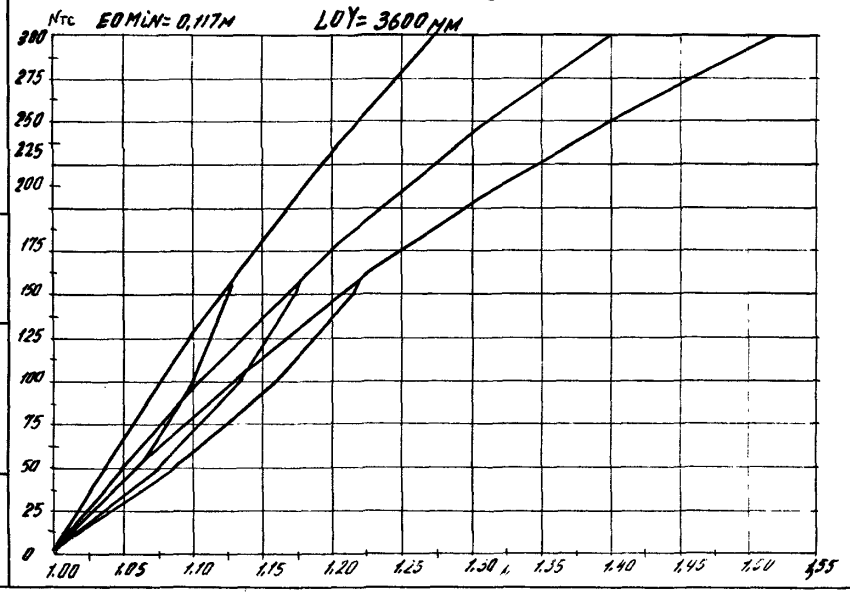
Сталь Ат-IIс

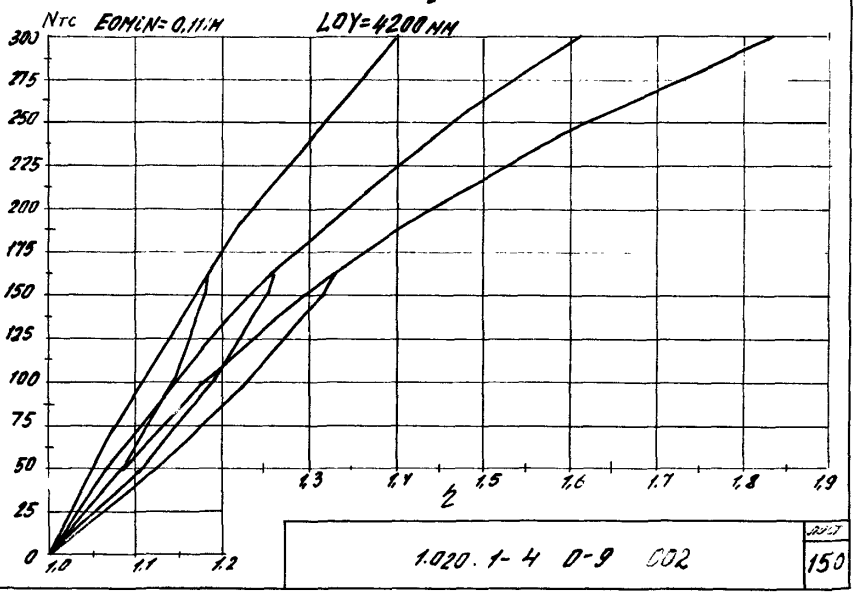
Ков сечения – 113Б

| | | |
|---|---|---|
| | 1.020.1-4 0-9 002 | Лист 1 |



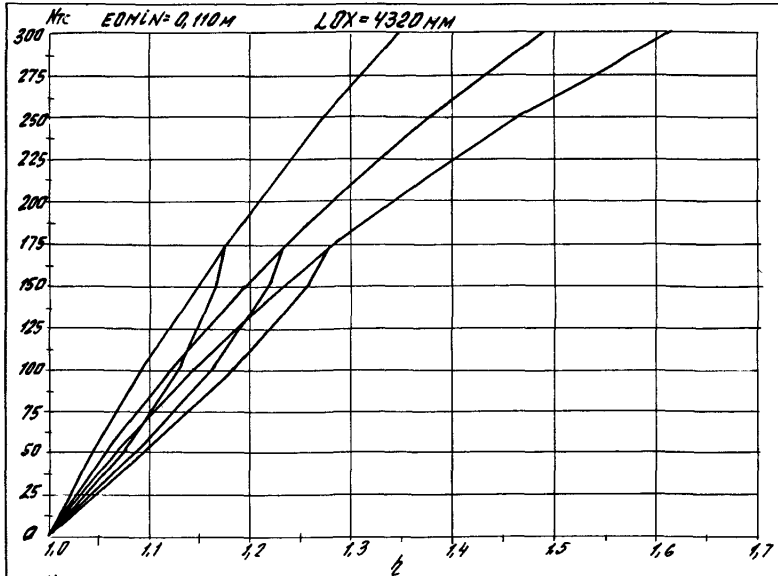



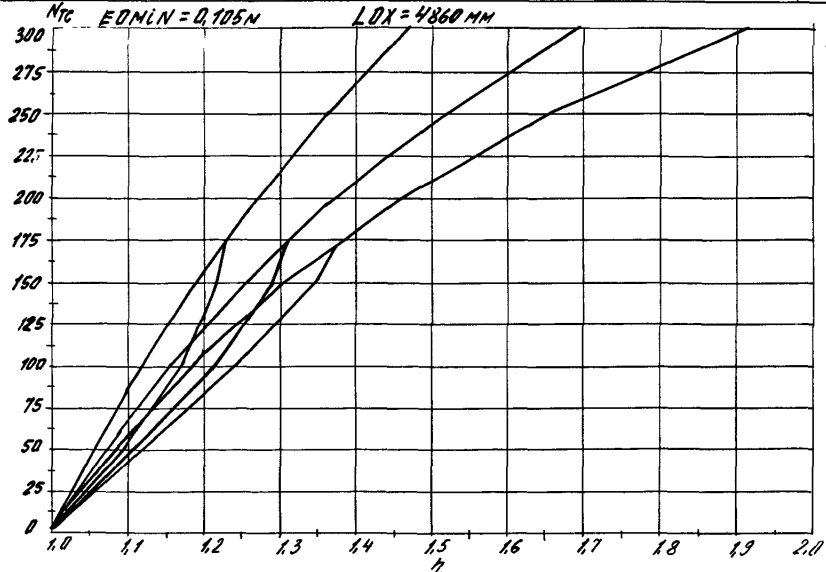



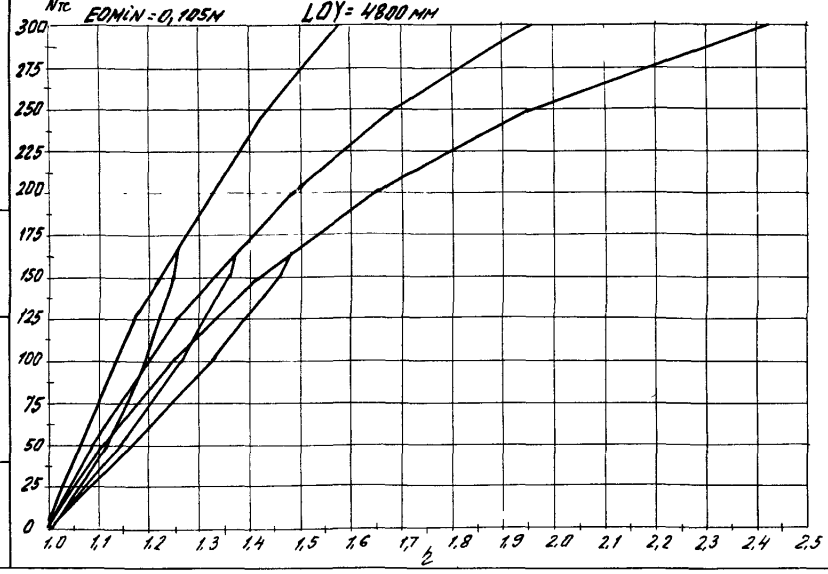

1.020.1-4 0-9 002

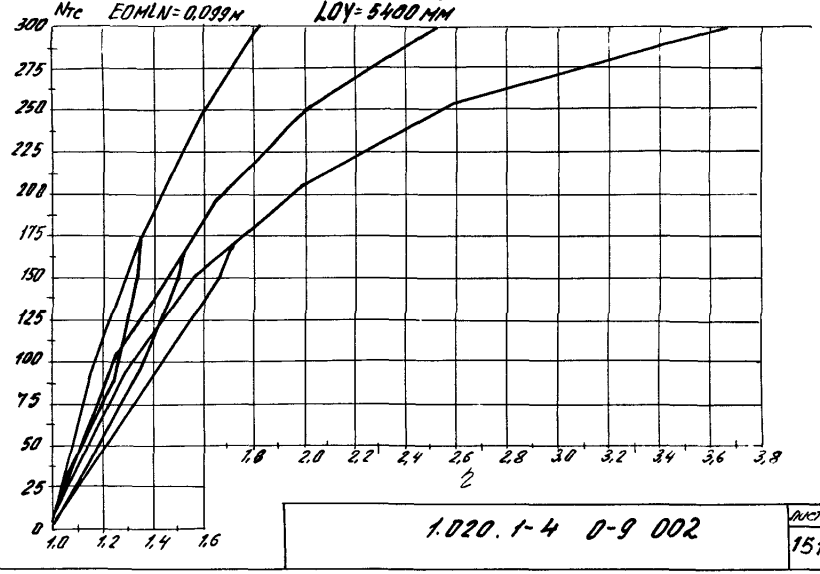
ЛИСТ 150

24166-02 55



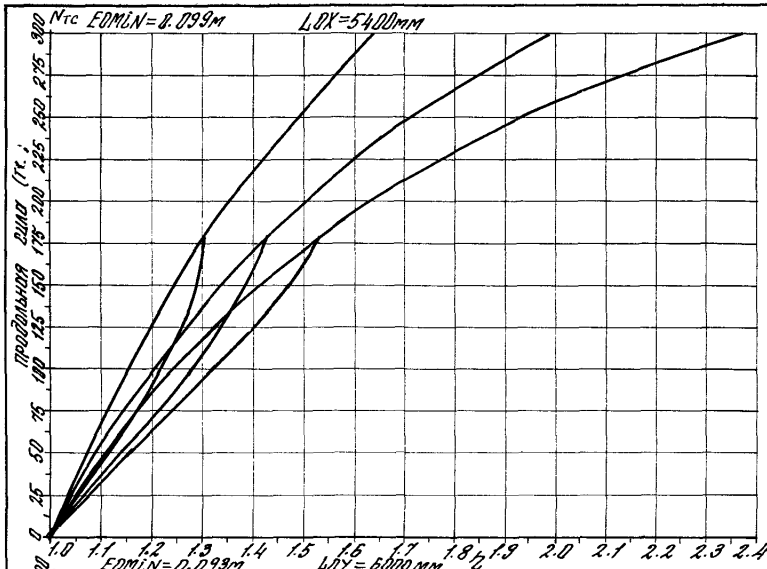



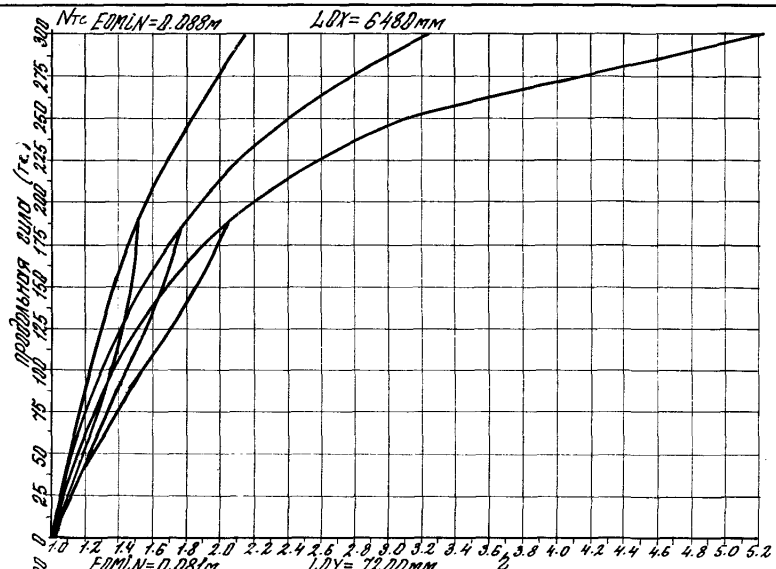



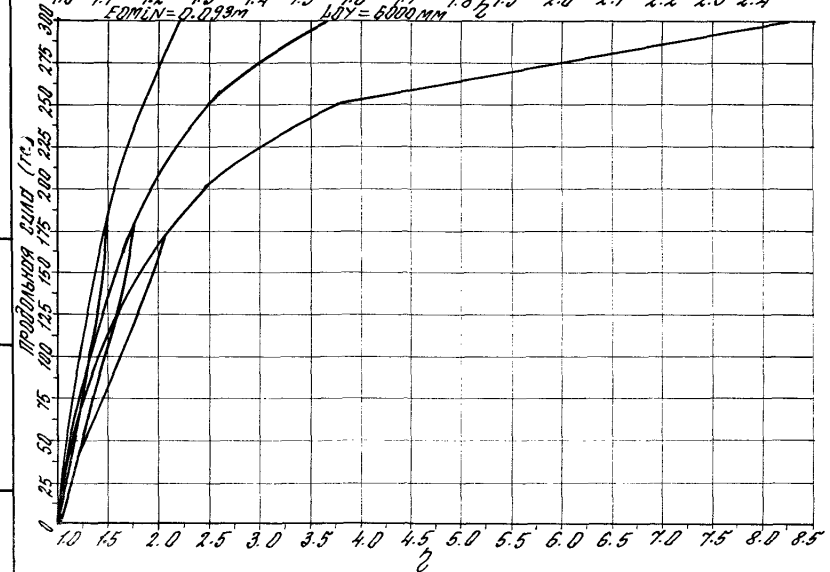

1.020.1-4 0-9 002

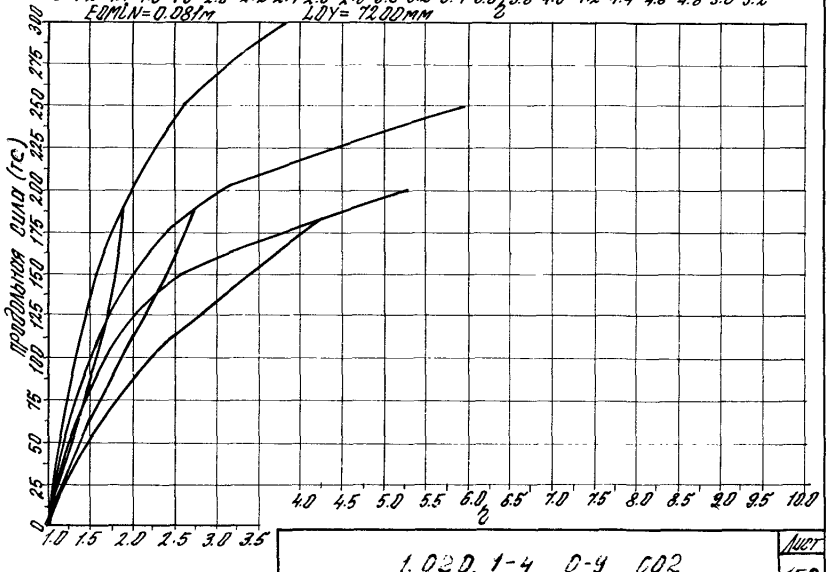
ИКТ 151

24166-02 56



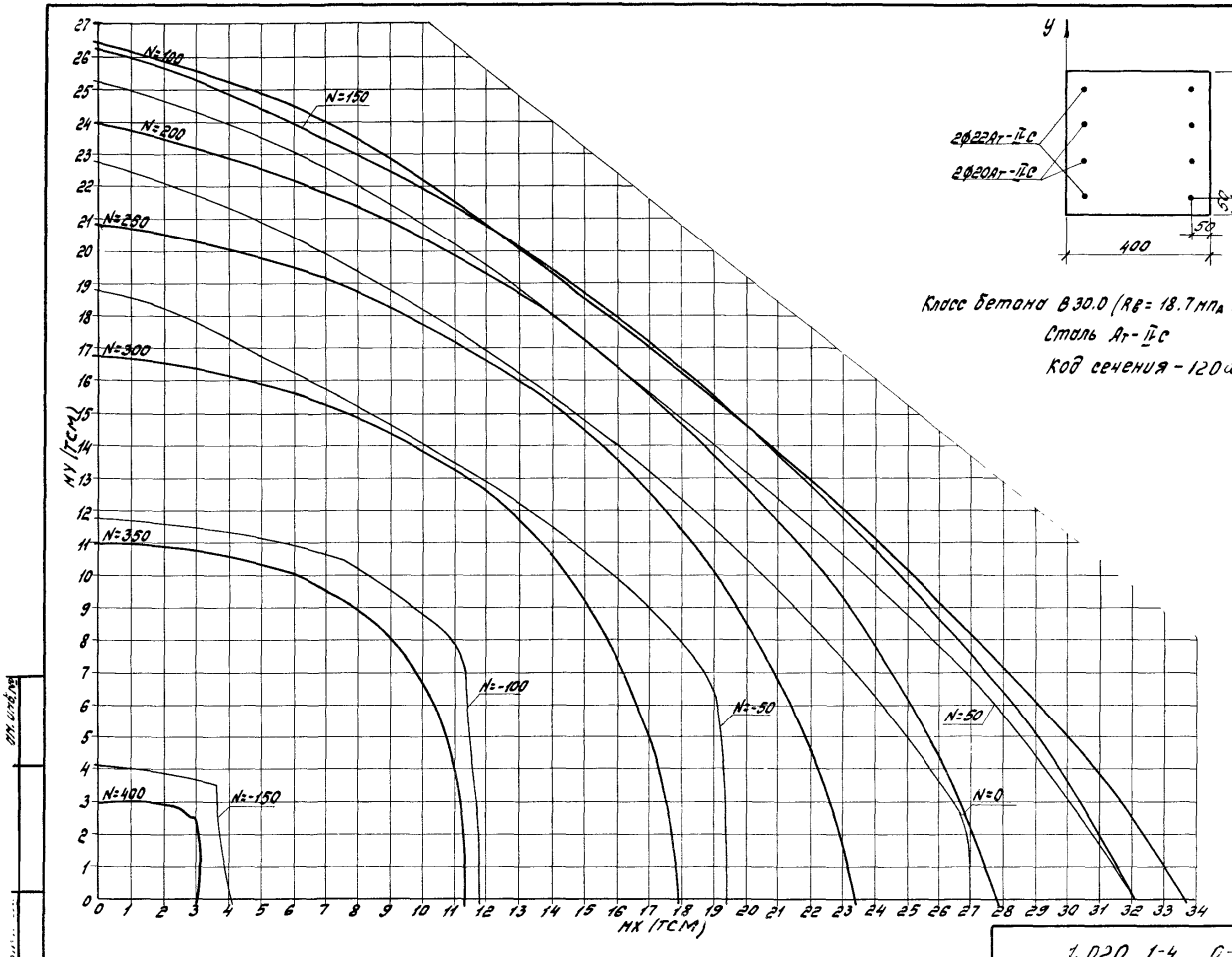




Инв.№подл. | Подп. и дата | Взам.инв.№

1.020.1-4 0-4 С02

Лист 152



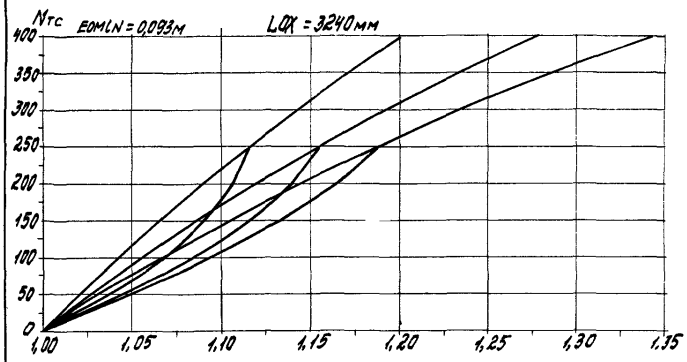


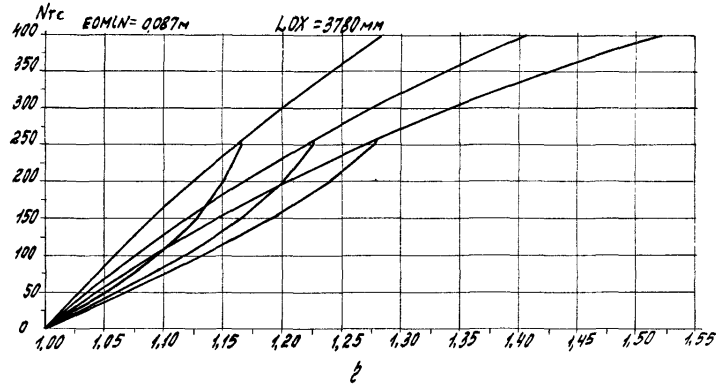


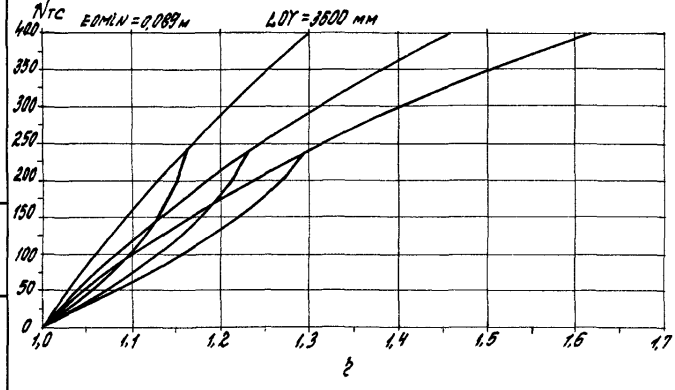
Класс бетона В30.0 ($R_B$ = 18.7 МПа при учёте $\gamma_{B2}$ = 1,10)

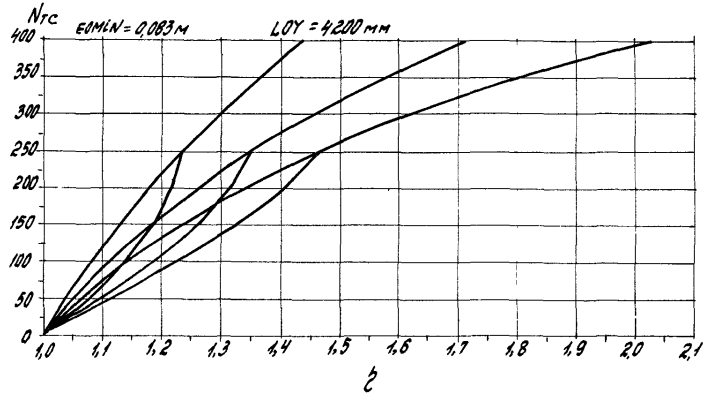
Сталь Ат-IIс

Код сечения - 120а

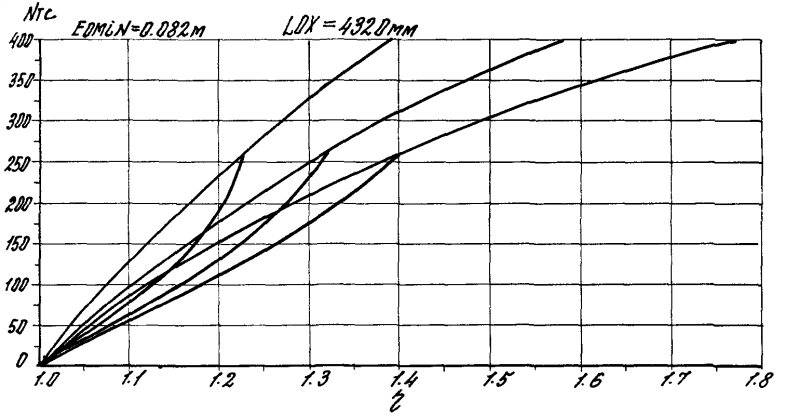


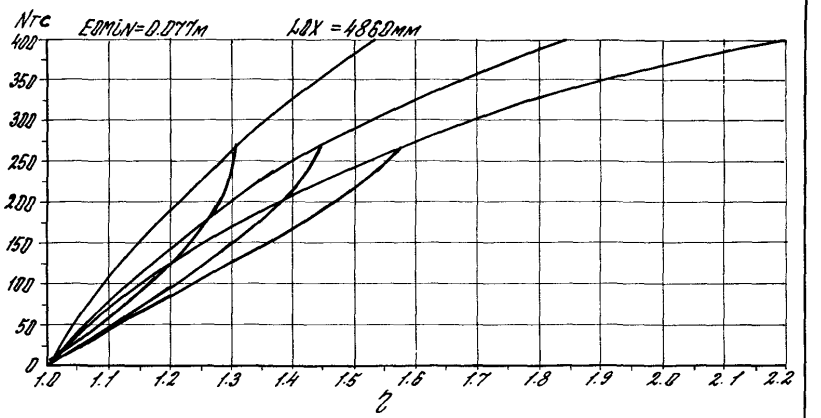



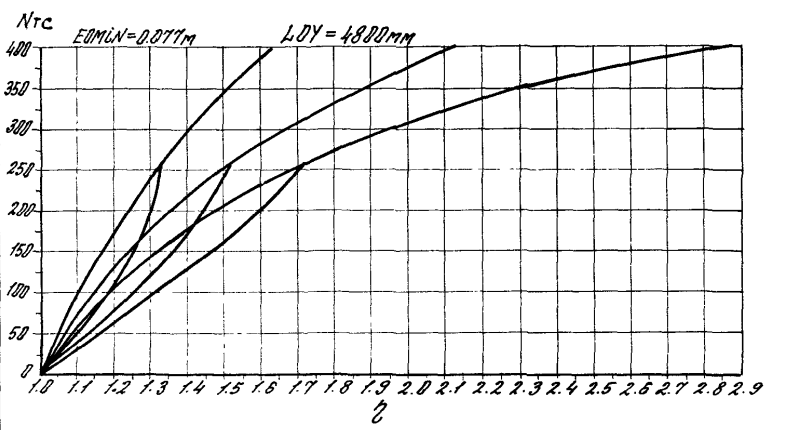



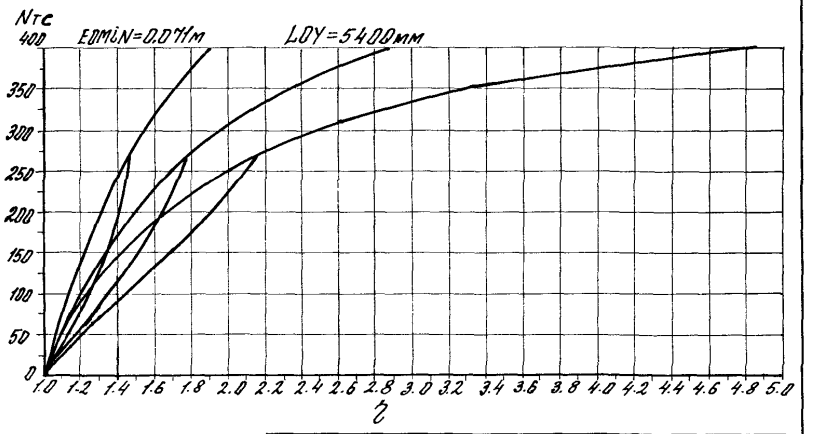




Инв. № подл. | Подпись и дата | Взам. инв. №

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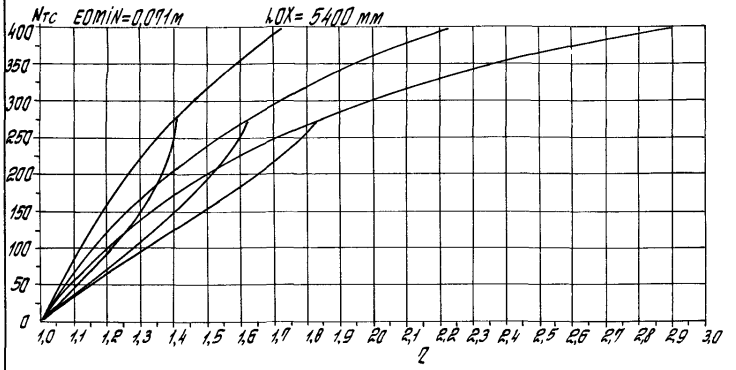


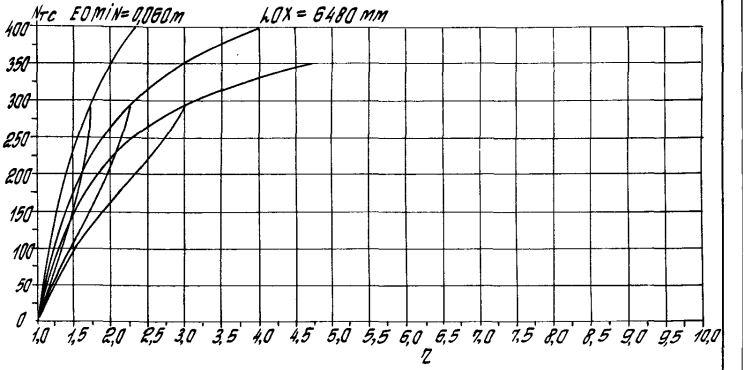


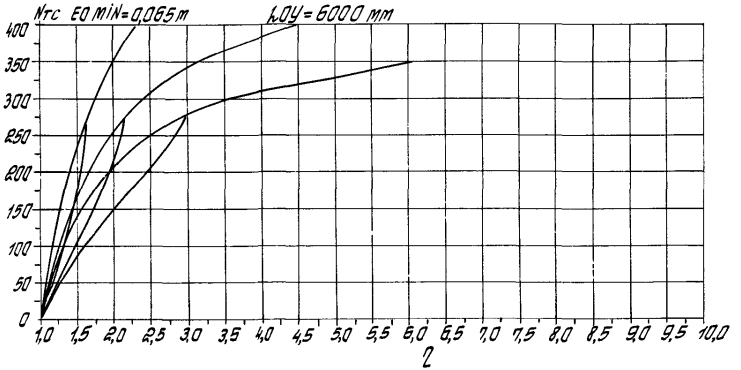


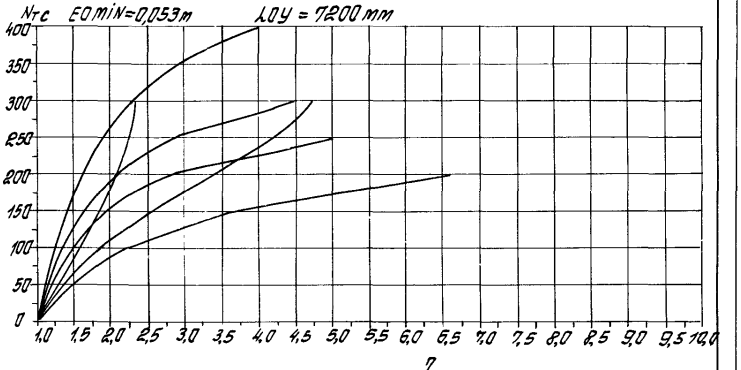


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1.020.1-4 0-9 002

Лист 156

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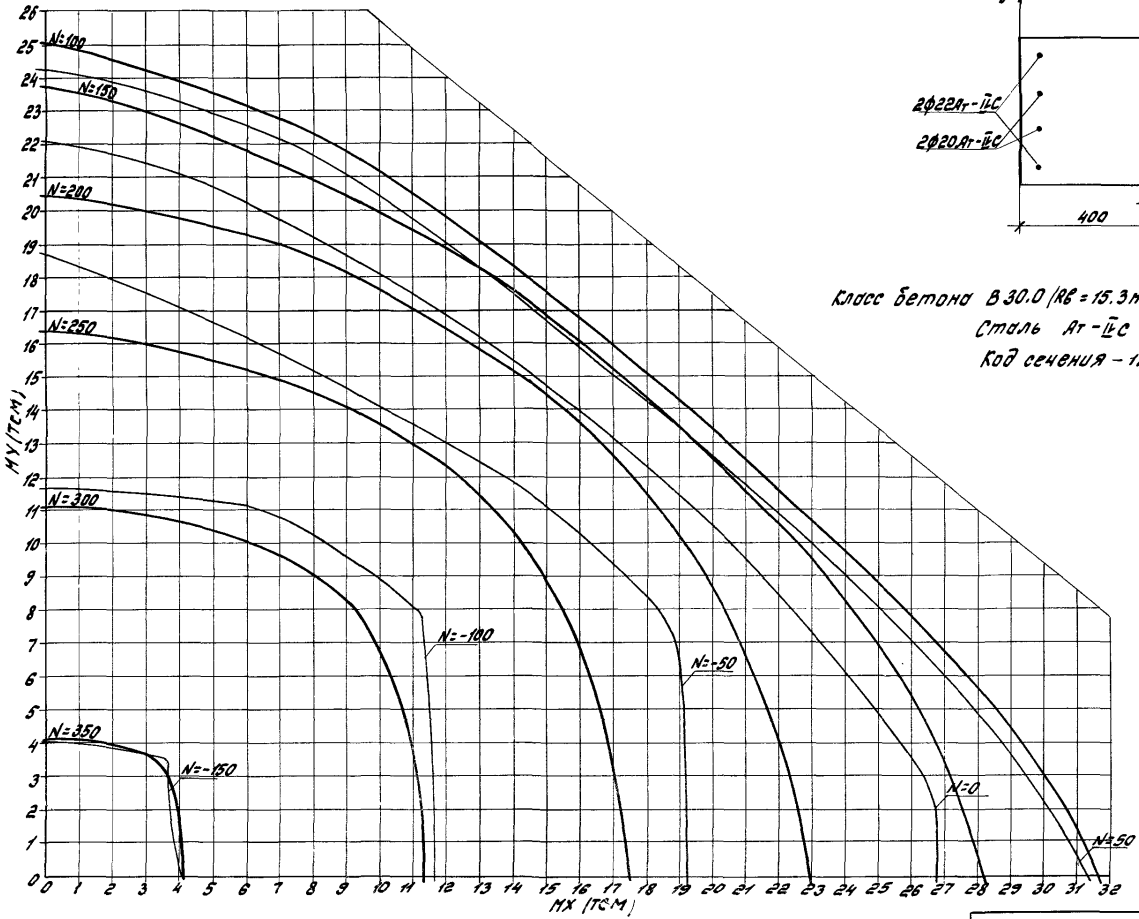
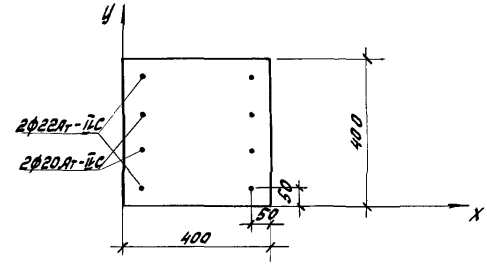
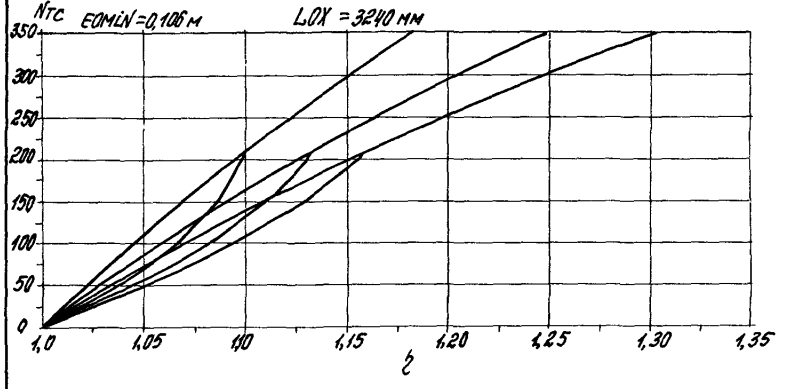
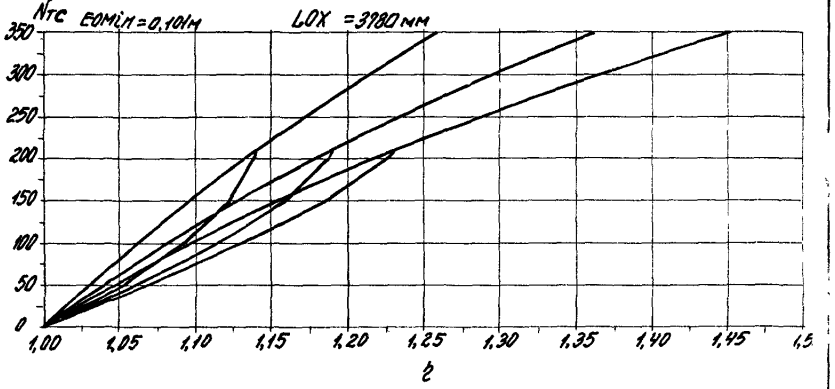
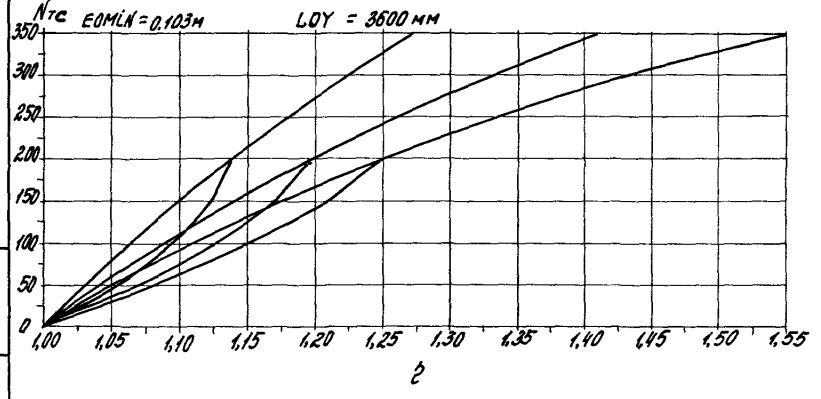


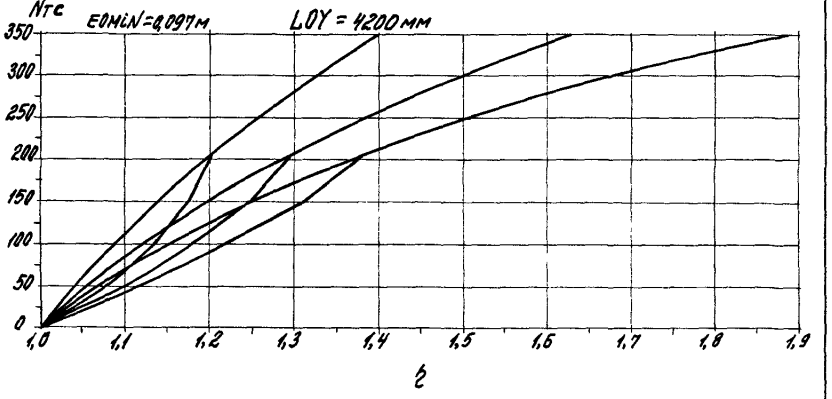




Класс бетона В30.0 ($R_B$ = 15.3 МПа при учёте $\gamma_{B_2}$ = 0.90)
Сталь Ат-IIС
Код сечения – 120б

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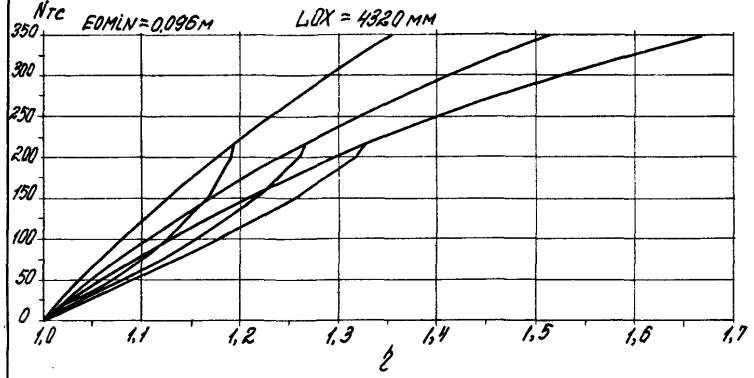
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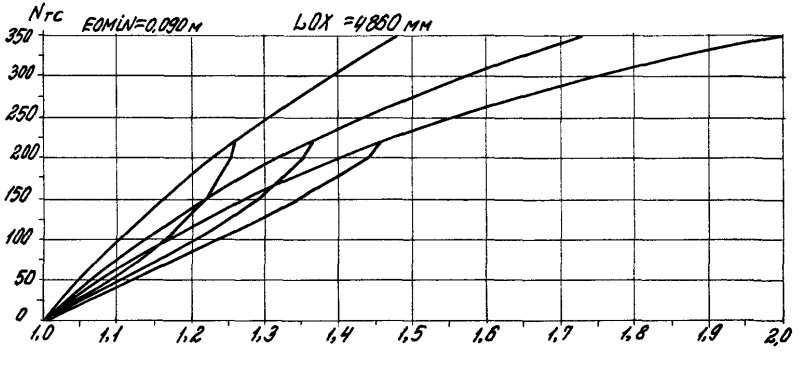
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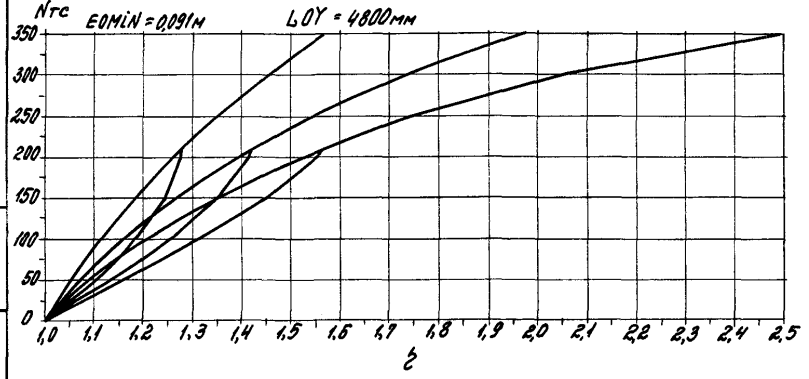
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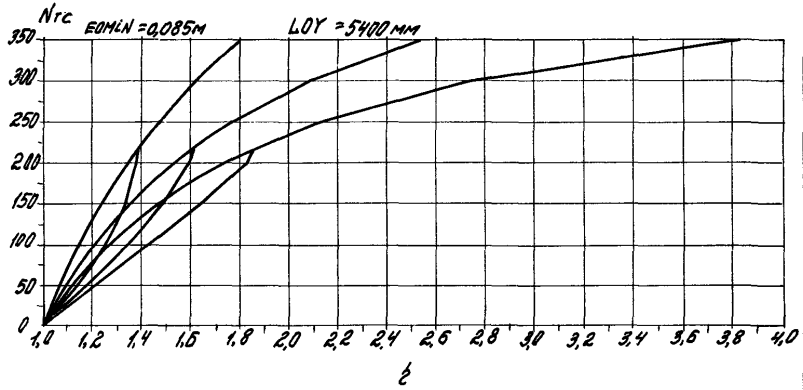
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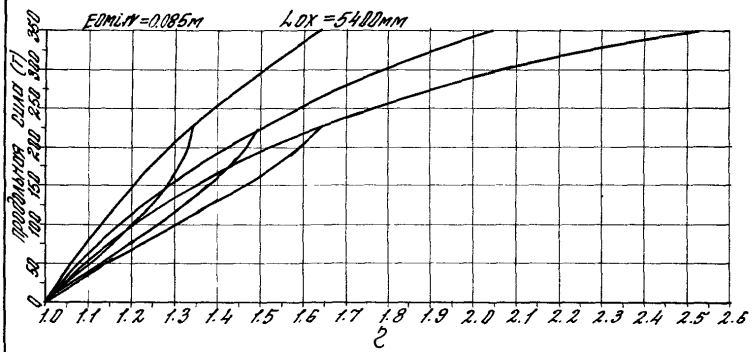


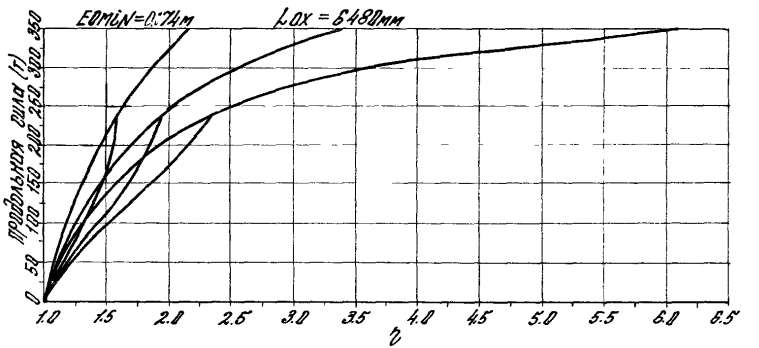


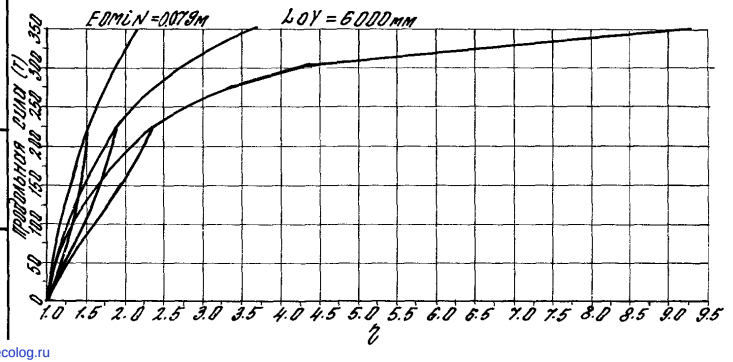


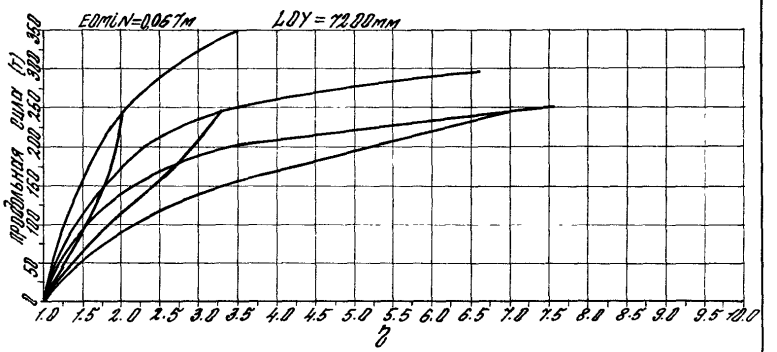


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