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ТИПОВЫЕ СТРОИТЕЛЬНЫЕ КОНСТРУКЦИИ, ИЗДЕЛИЯ И УЗЛЫ

СЕРИЯ 1.020-1/87

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

ВЫПУСК 0-6

ГРАФИКИ НЕСУЩИХ СПОСОБНОСТЕЙ КОЛОНН ДЛЯ ЗДАНИЙ С ВЫСОТАМИ ЭТАЖЕЙ 4,8; 6,0 И 7,2 М

ЧАСТЬ 2

(СТР. 101...200)

ЗАВОД ЖБИ

Вх. 32829 л.102

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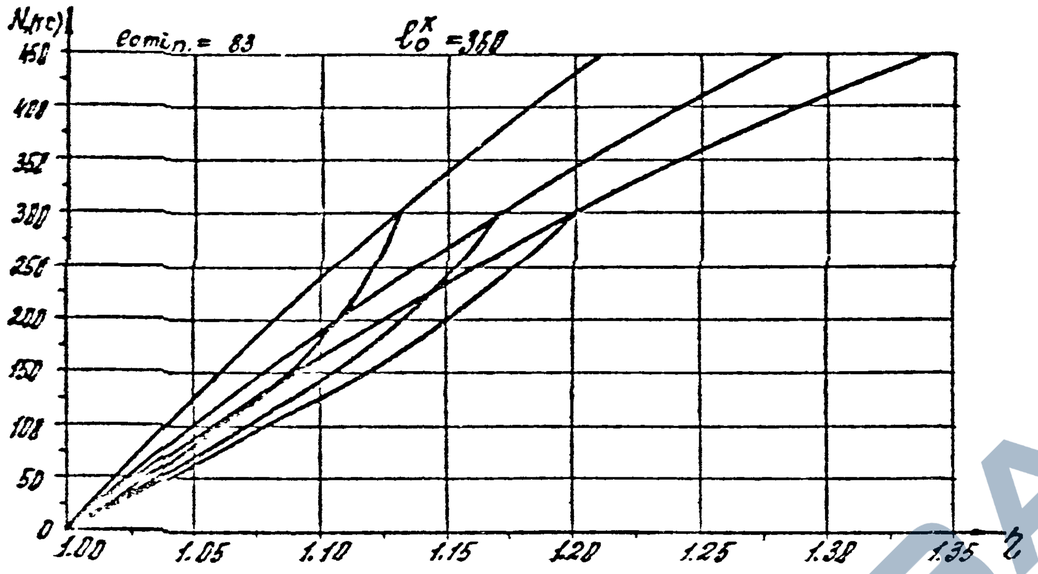
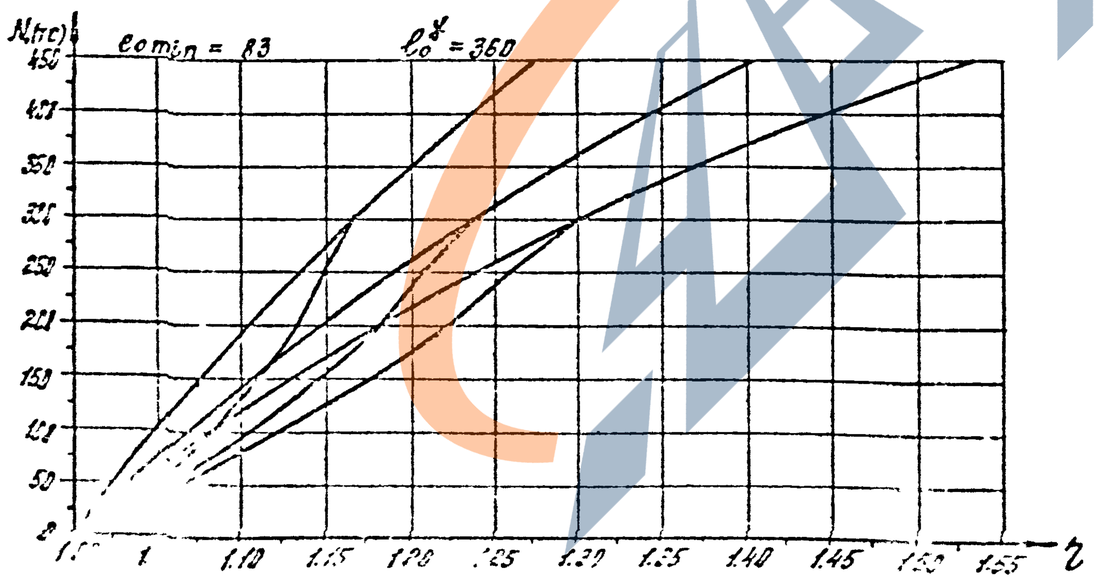
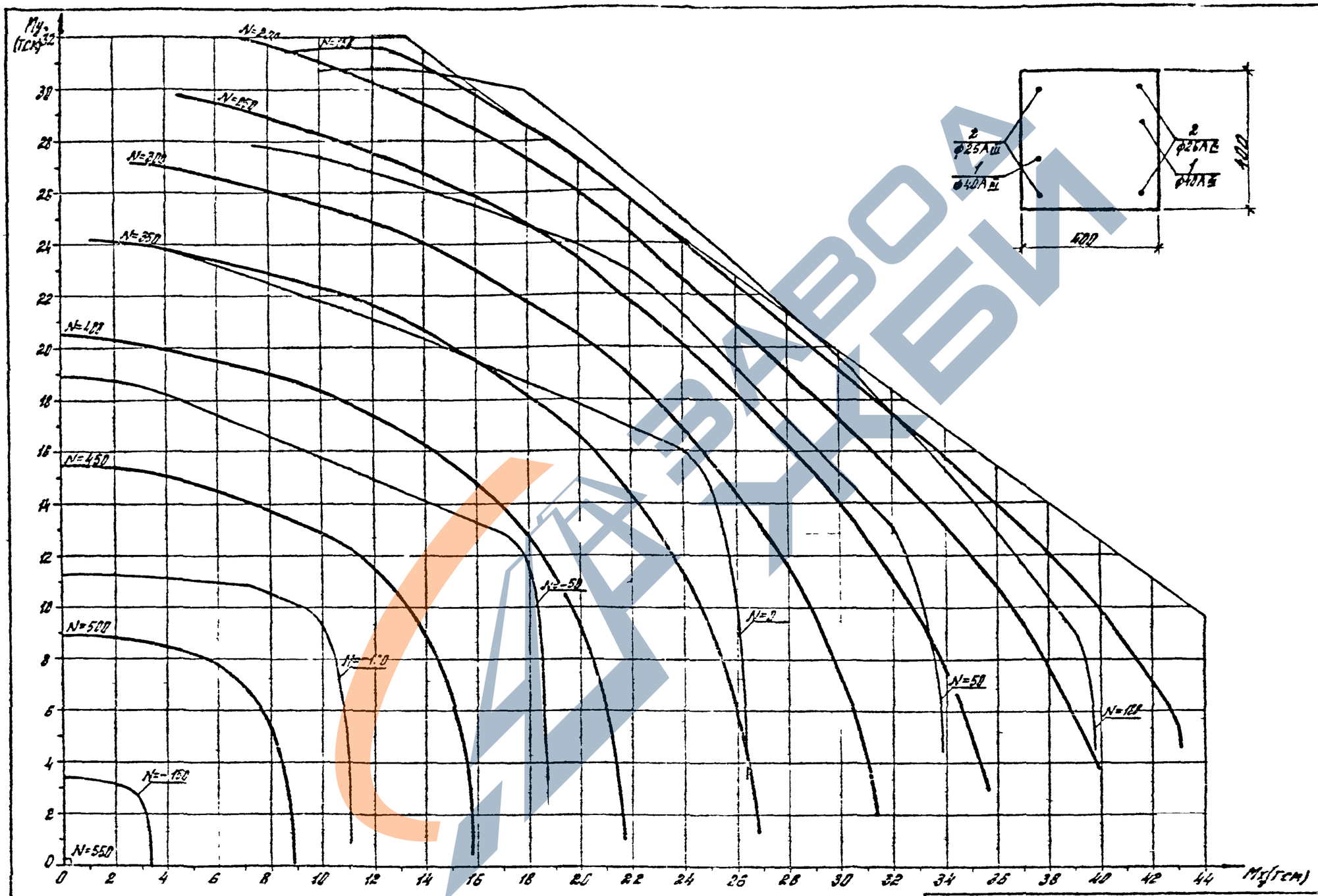




Вх. 32829 л. 103

1.020-1/67. 0-6 – 3 ПЗ

Лист 98

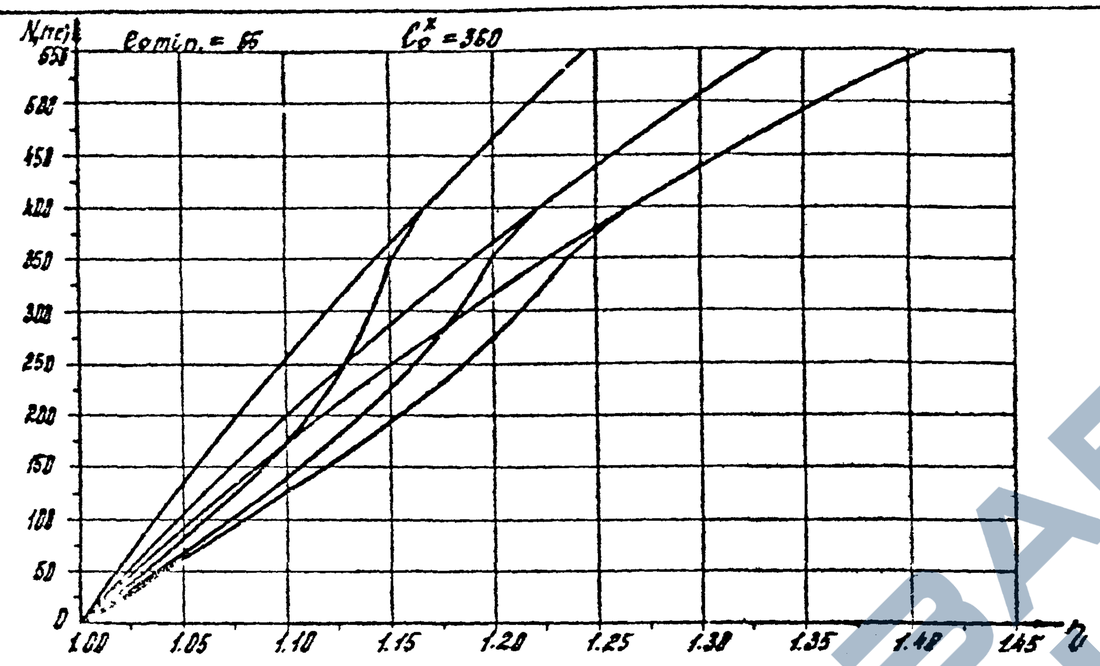


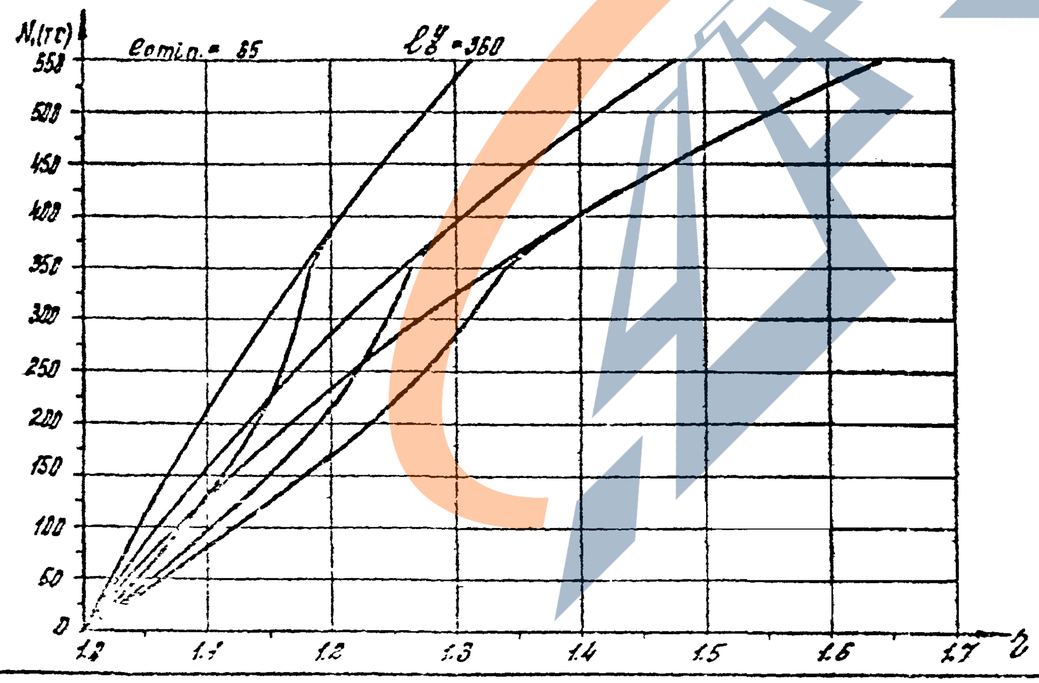
Класс бетона В40 (R_b^6=248.4 кгс/см^2 при учете γ_{b2}=1.10)

1.020-1/87. 0-6-3 ПЗ

Альбом 97

Вх. 32829 л. 104

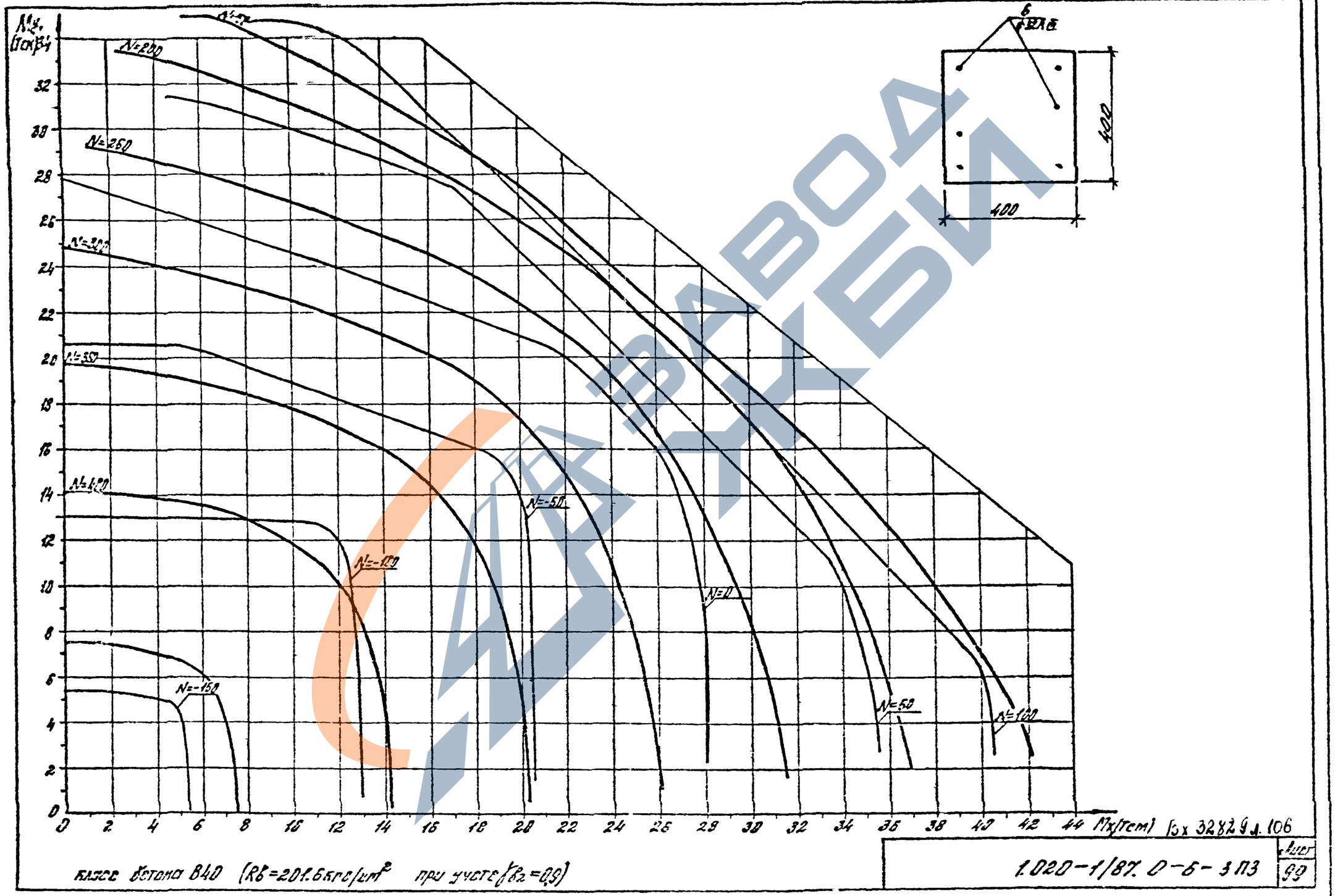




Вх. 32829 л.105

1.020 – 1/87. 0-6 – 3 ПЗ

Лист 98

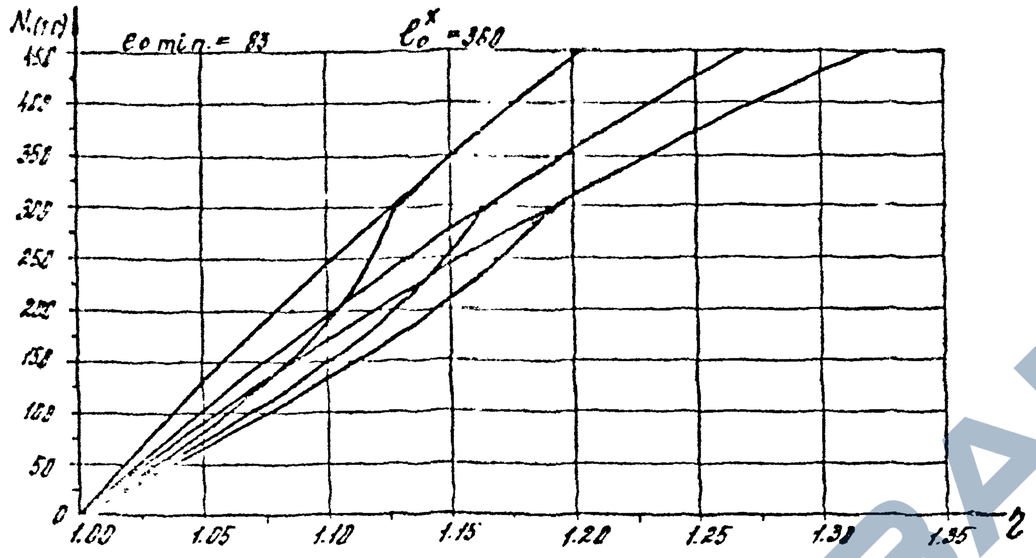


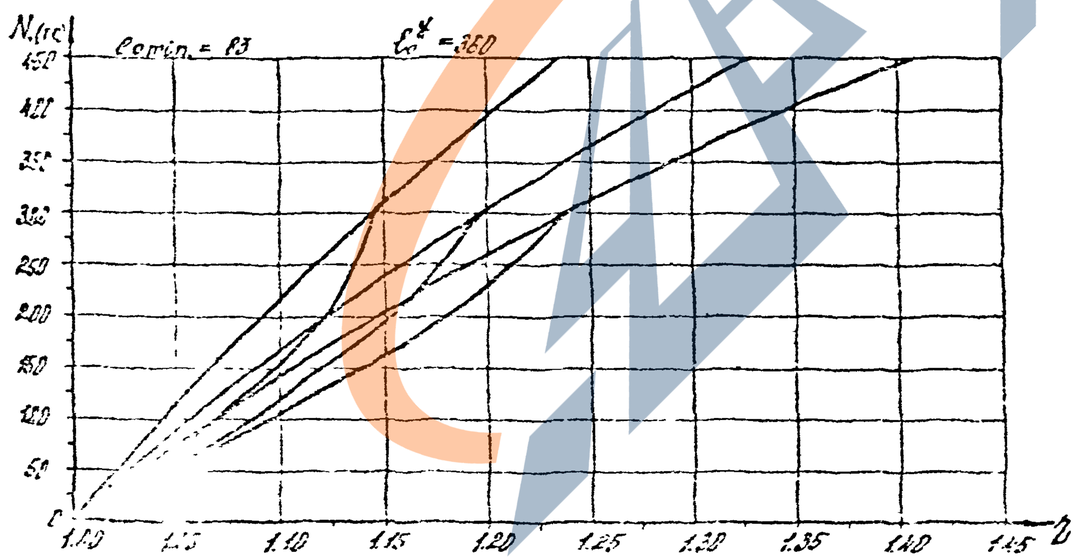
Класс бетона В40 ($R_б$=201.6кгс/см^2 при учете $\gamma_{б2}$=0.9)

1.020-1/87. 0-6-3 ПЗ

Лист 99

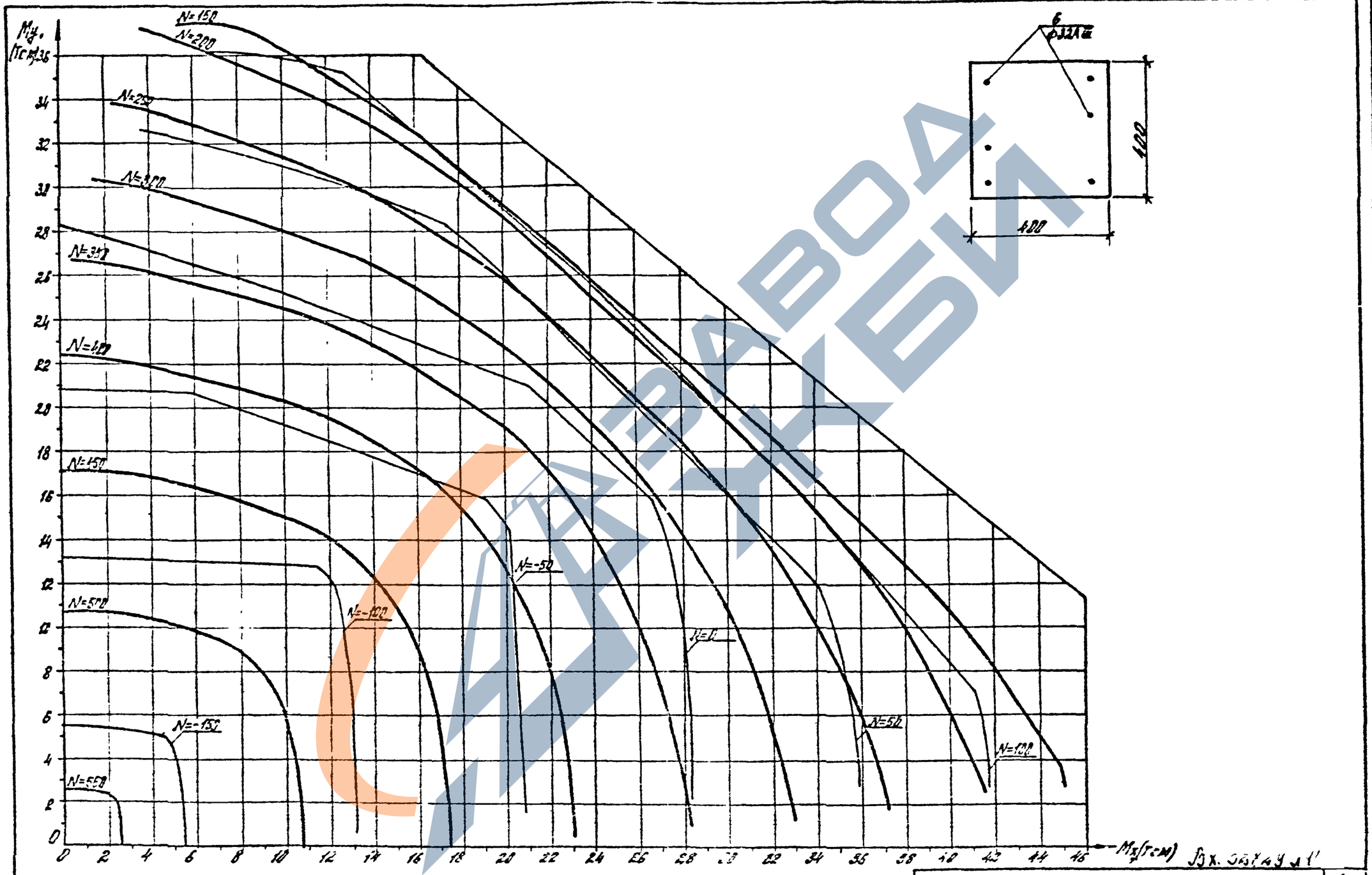
Iэх 32829 д. 106





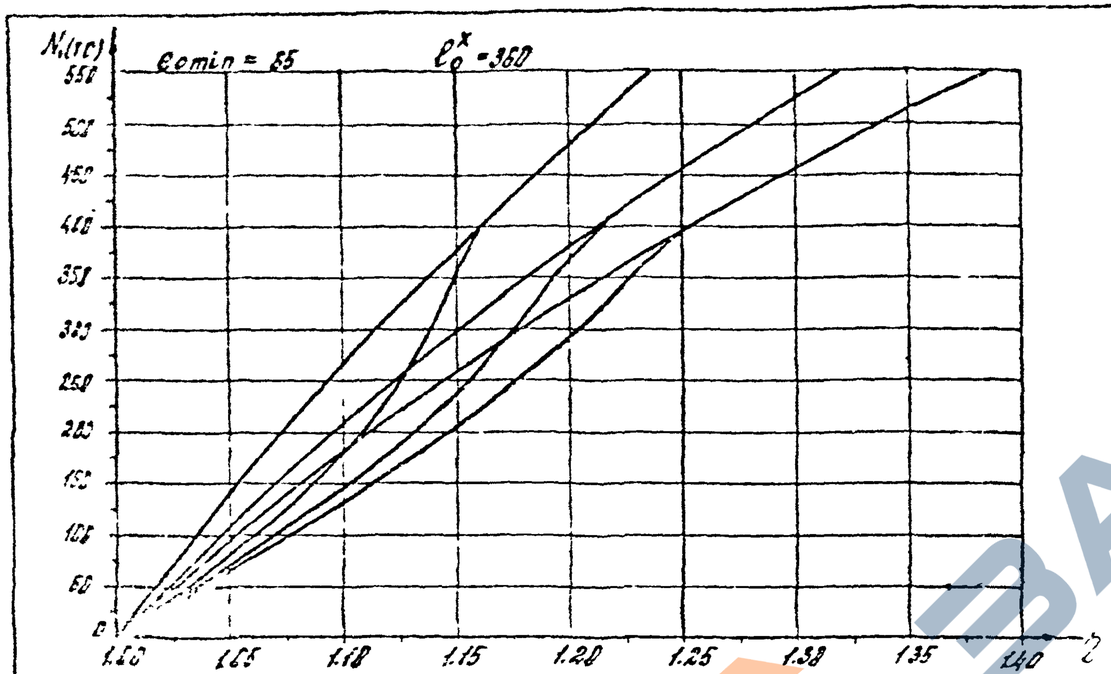
Вх. 32829 л. 107

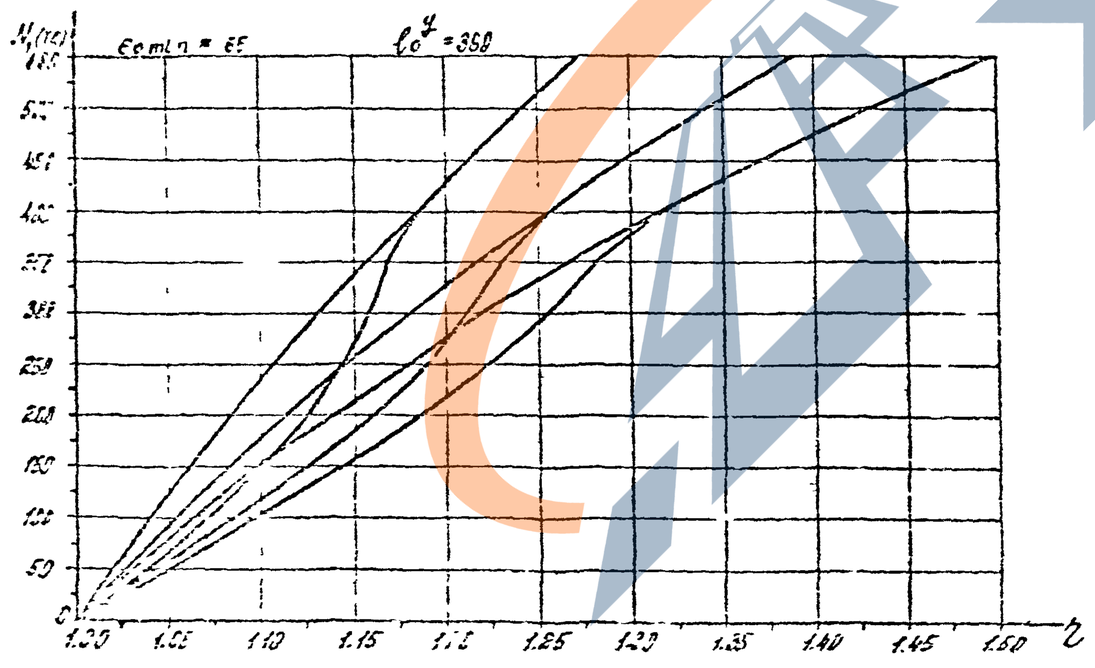
1.020-1/87. 0-6-3 ПЗ



класс бетона В40 (R_b=246,4 кгс/см^2 при учете γ_{b2}=1.10)

1.020 – 1/87. 0-6 – 3 ПЗ





Вх. 32829 л. 109

1.020-1/87. 0-6-3 ПЗ

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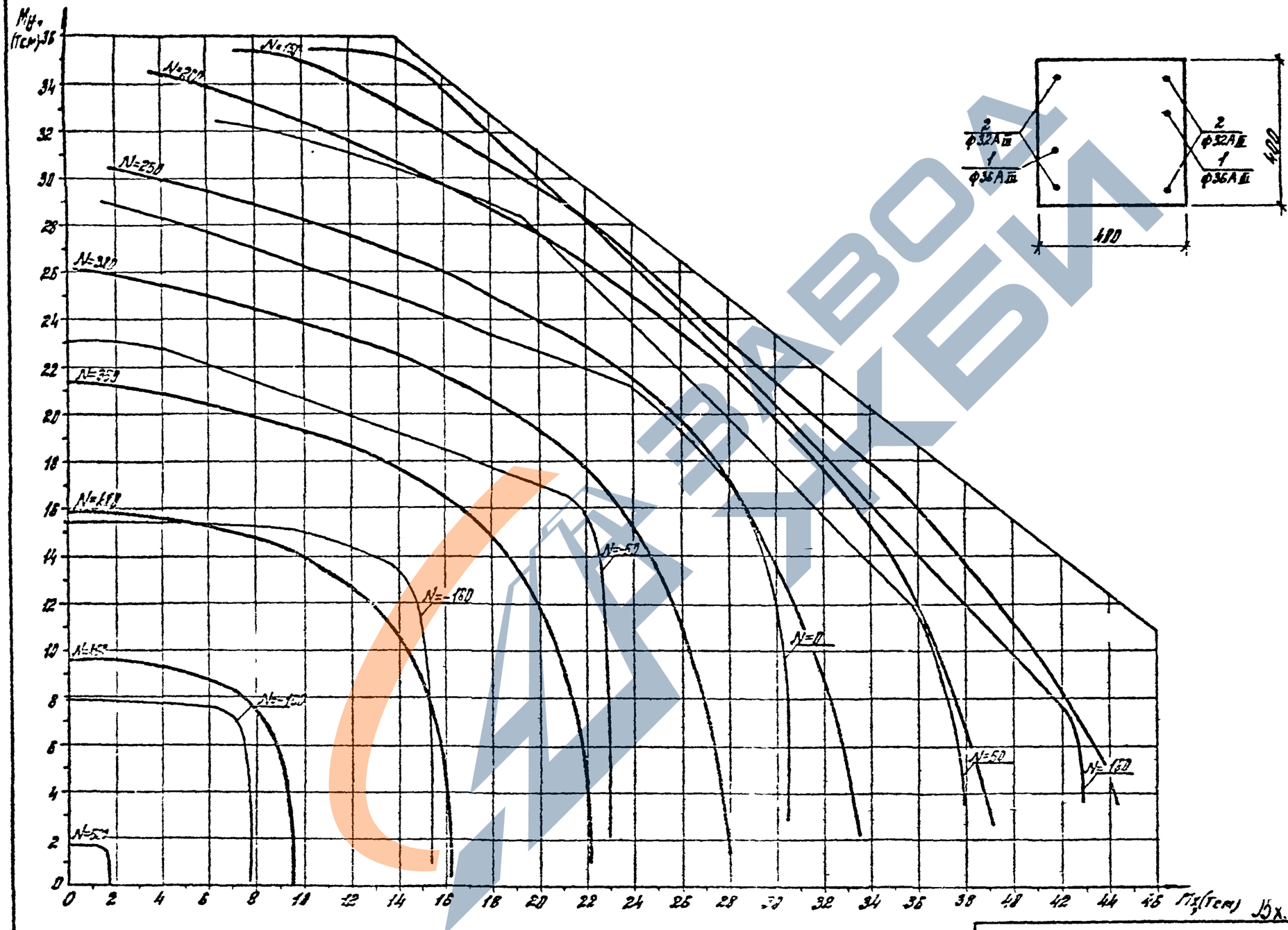
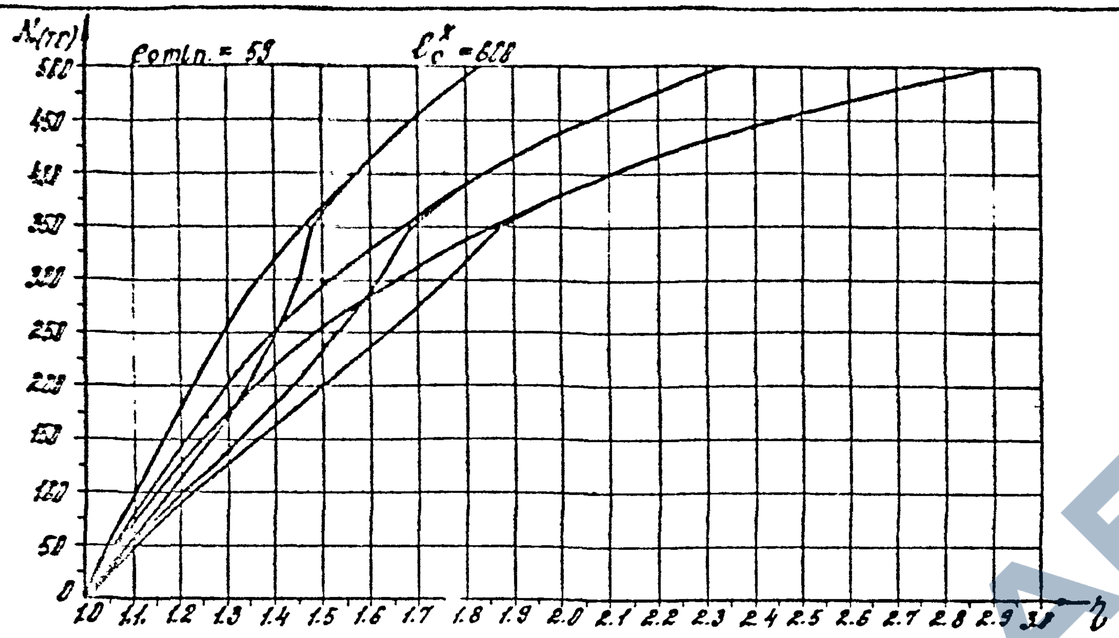


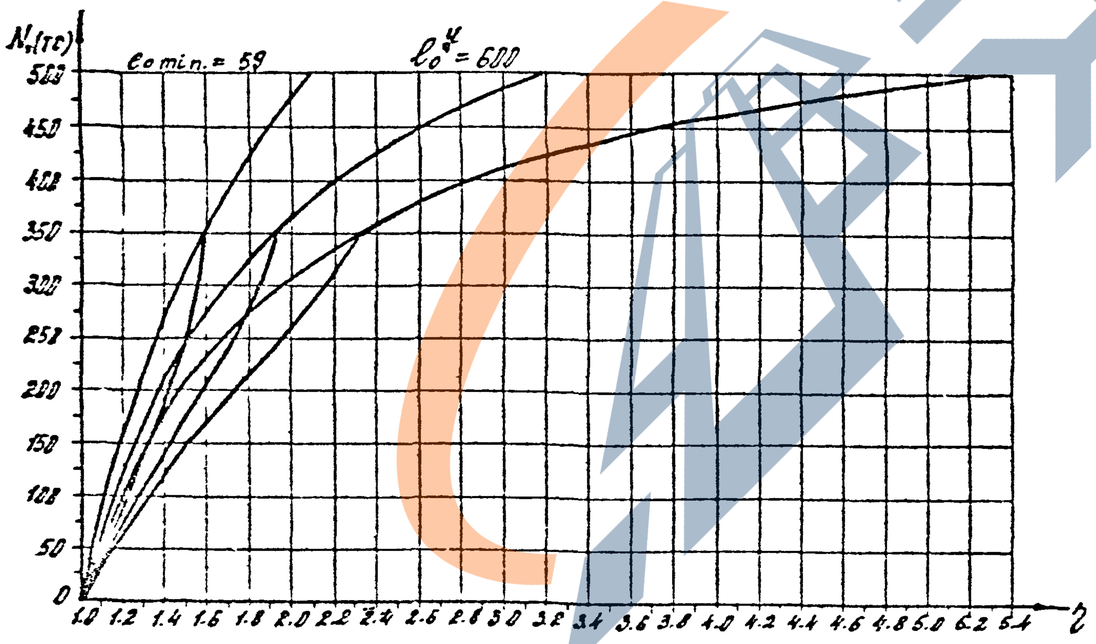
Бх. 32829 л.110

класс бетона В40 (Rв = 201.6 кгс/см² при учете $\gamma_{в2}$ = 0,9)

1.020-1/87. 0-5-3ПЗ

Лист 103

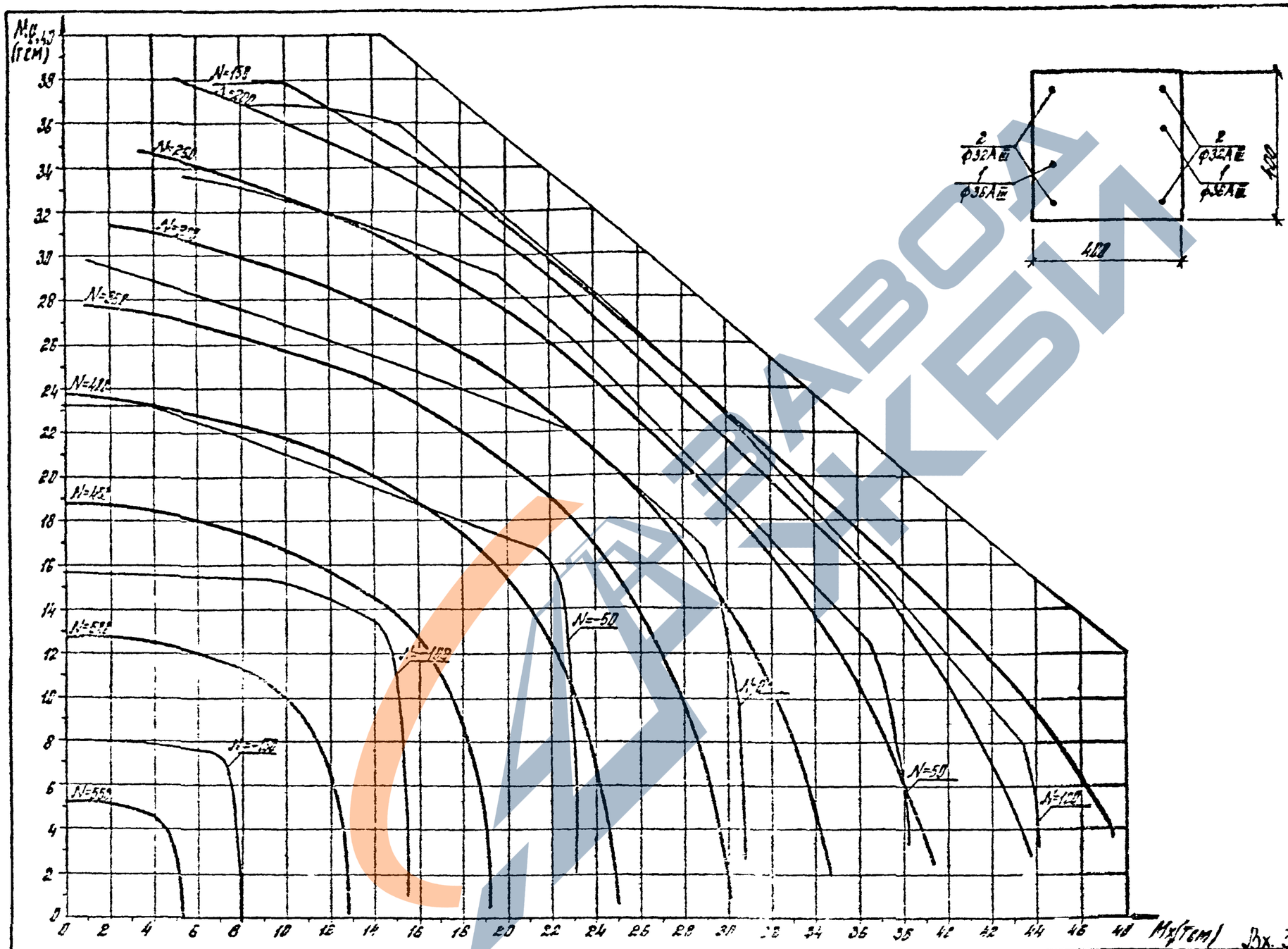




Вх. 32829 л. 111

1.020-1/87. 0-6-3 ПЗ

Лист 104

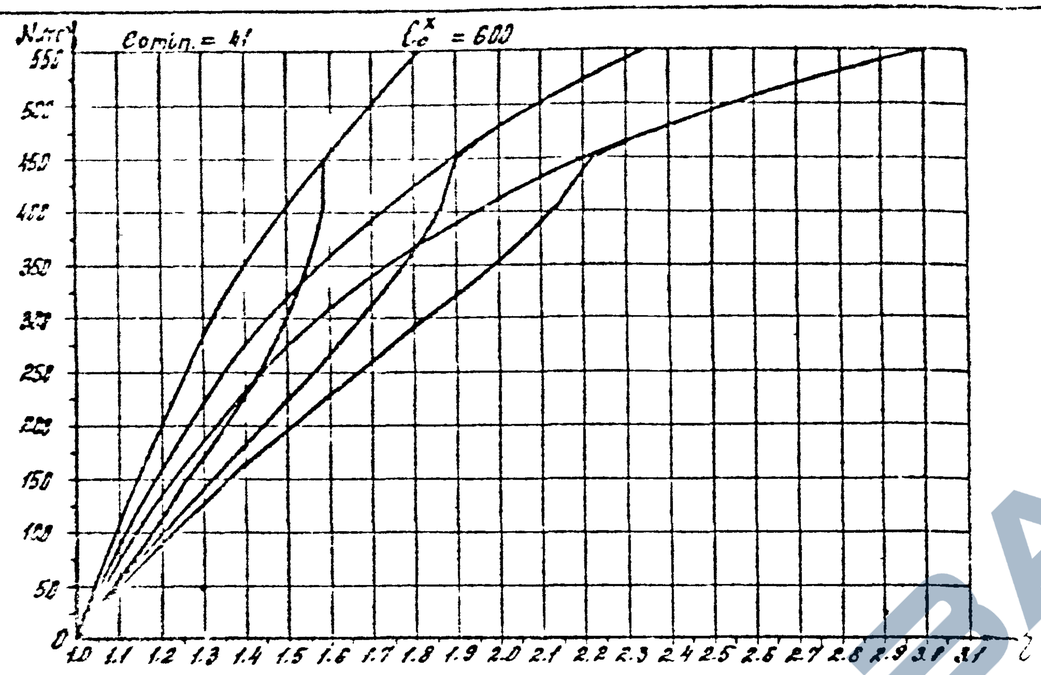


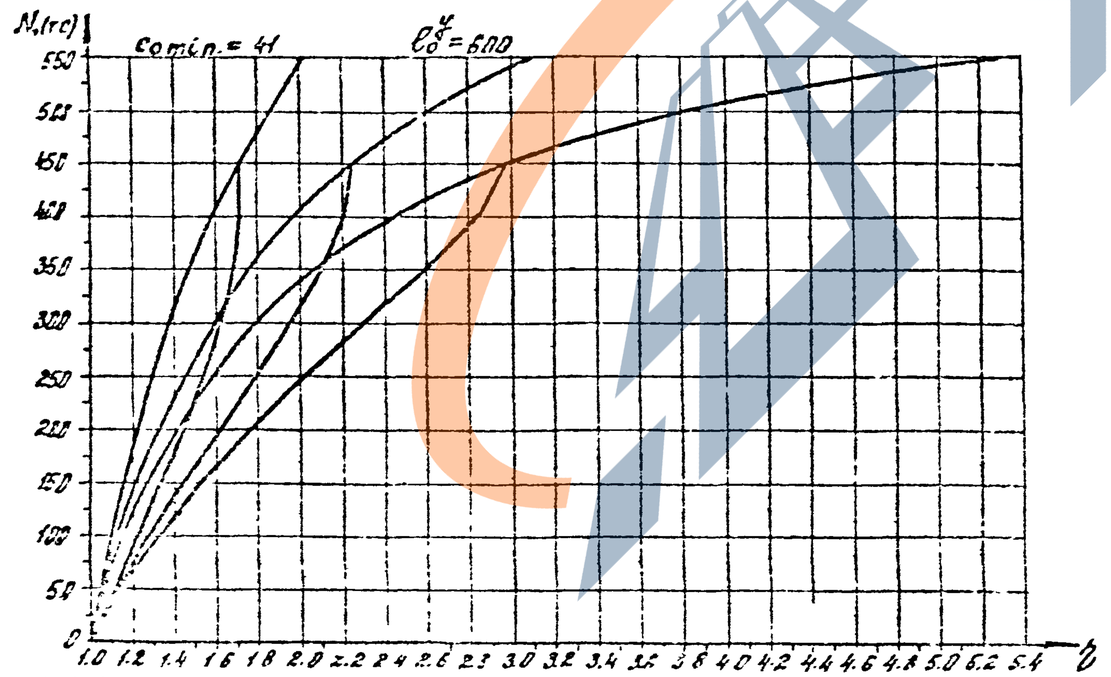
Вх. 32829 л. 112

класс бетона В40 (Rb=246.4кгс/см² при учете γb2=1.10)

1.020-1/87. 0-6-3 ПЗ

Лист 105

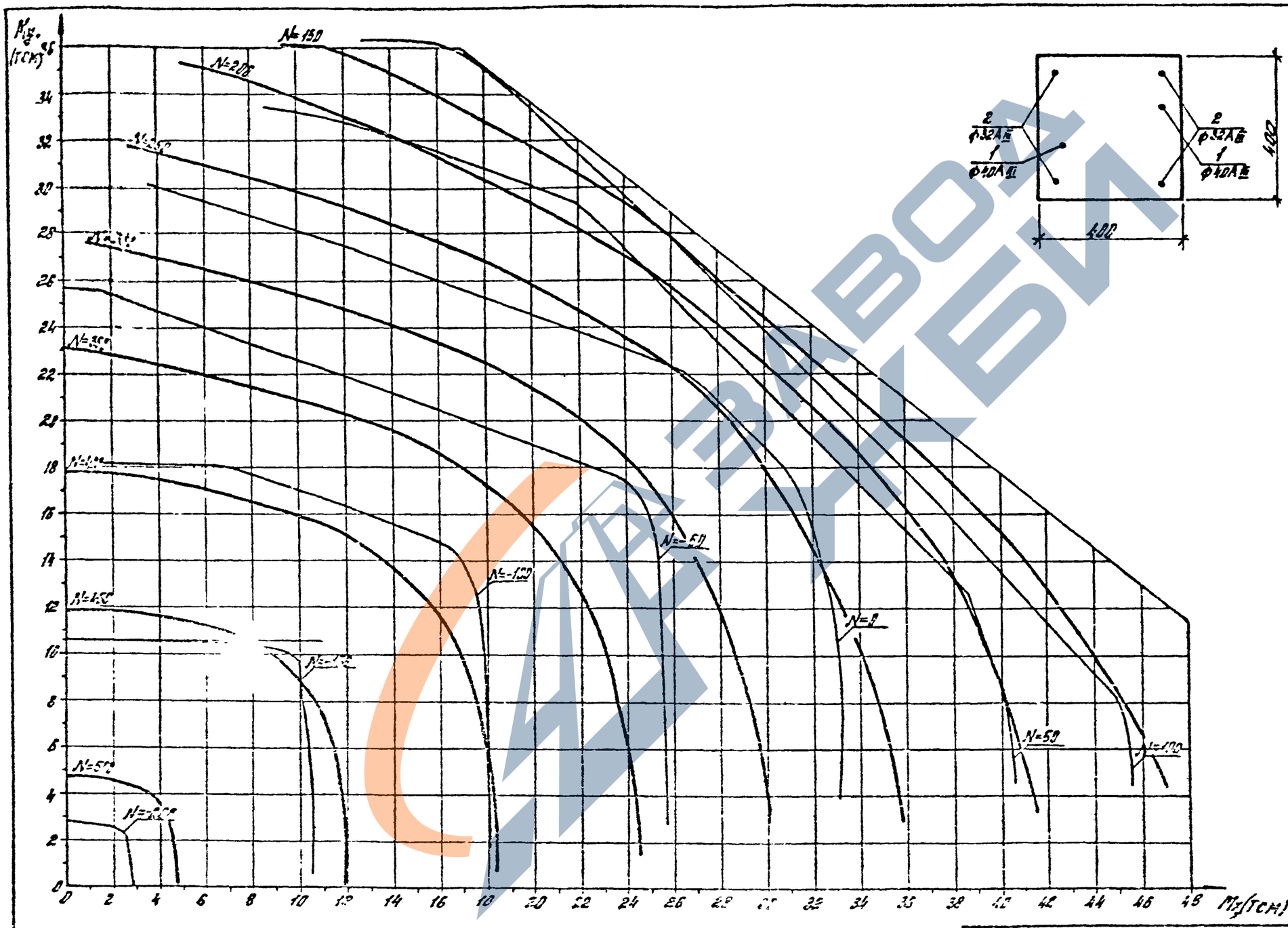




Вх. 32829 л.113

1.020-1/87. 0-6 - ЗПЗ

Лист 106

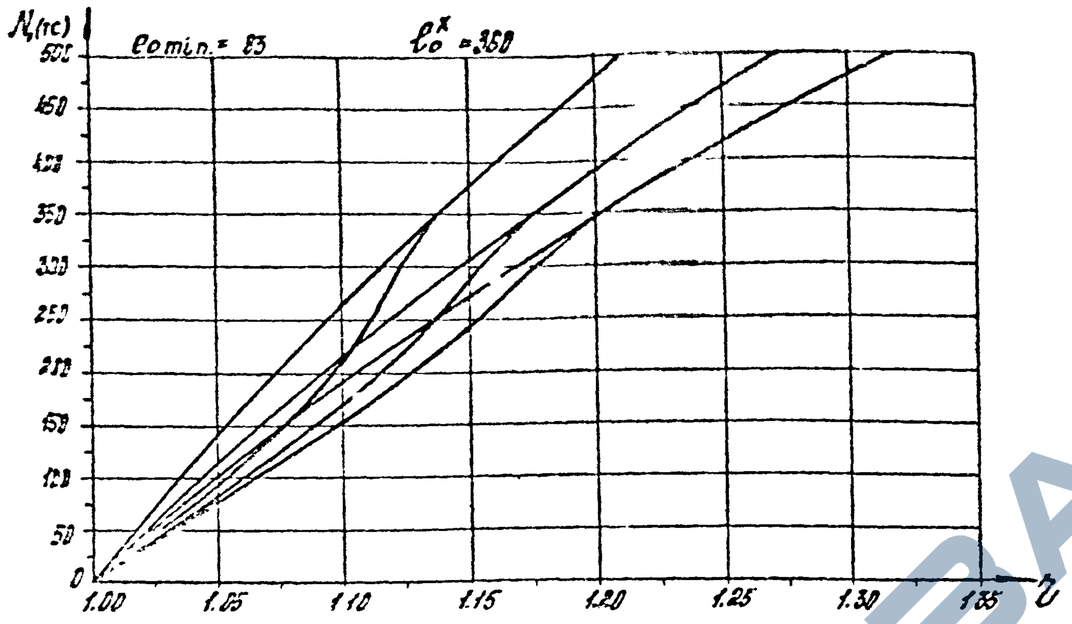


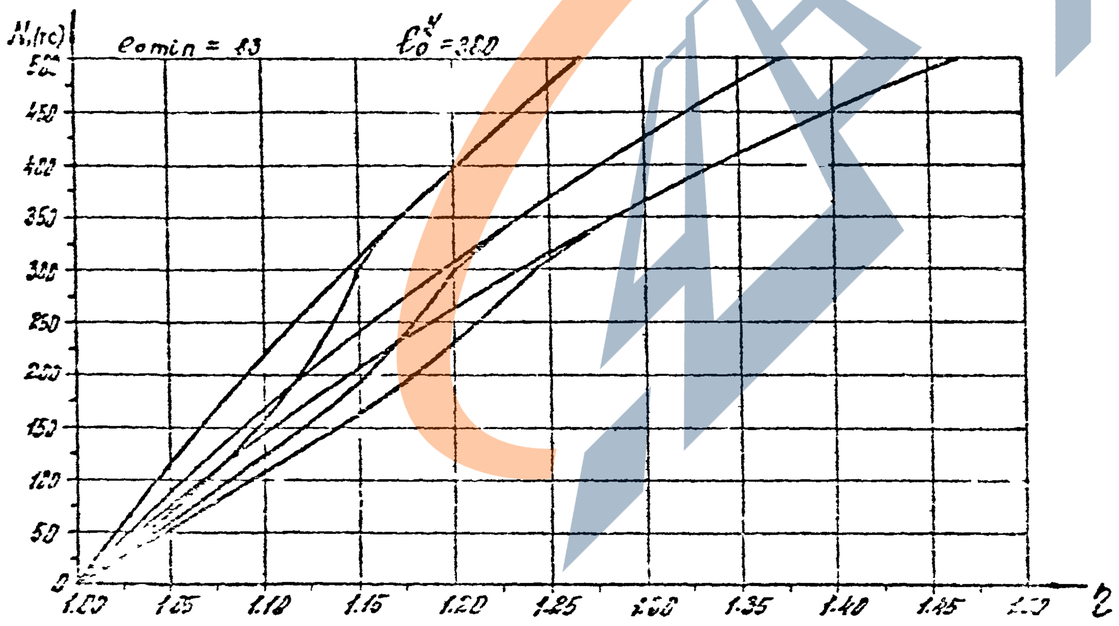
класс бетона В40 (RБ=201 Зкгс/см² при учете $\gamma_{Б2}$=0,9)

1.020 - 1/87. 0-6- 3 ПЗ

Лист 107

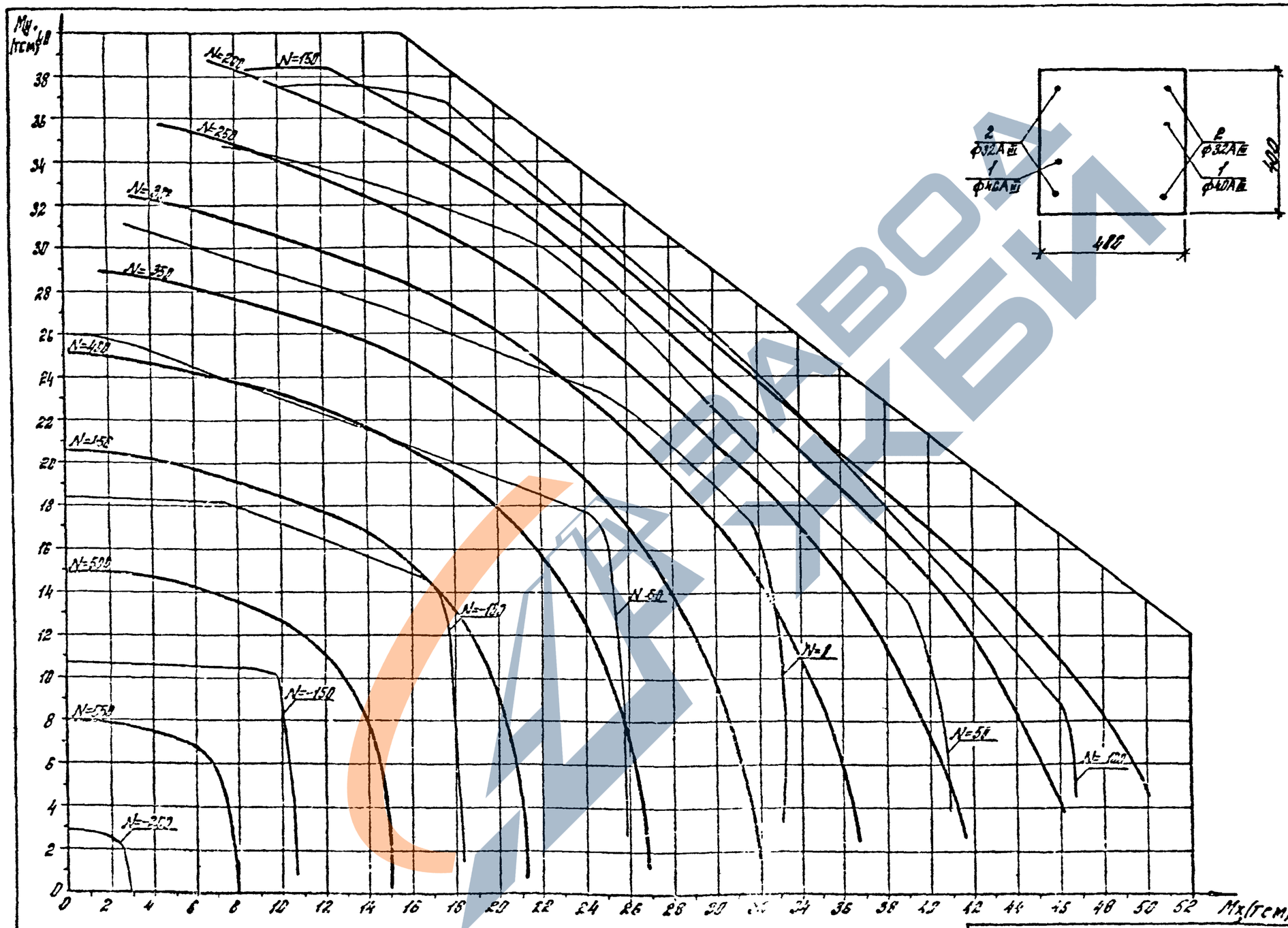
Вх. 32829 л. 114





Вх. 32829 л.115

1.020-1/87. 0-6- .3 ПЗ



класс бетона В40 (R_b^c=245.4 кгс/см² при γ$_{b2}$=1.13)

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Инв. № 103

Вх. 32829 л. 116

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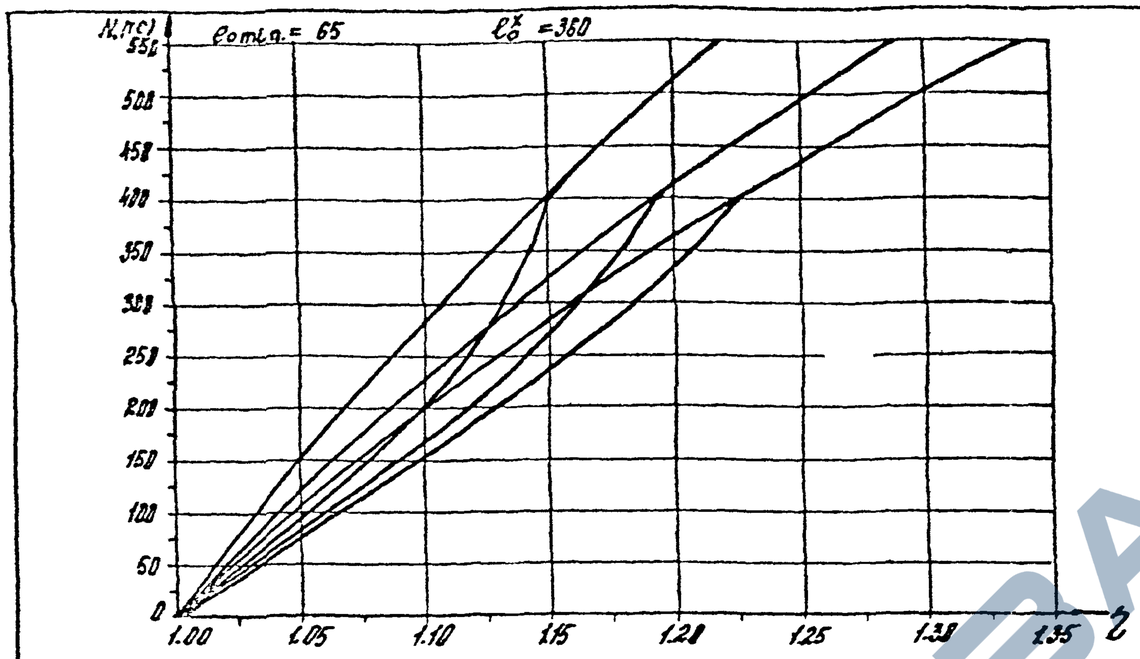
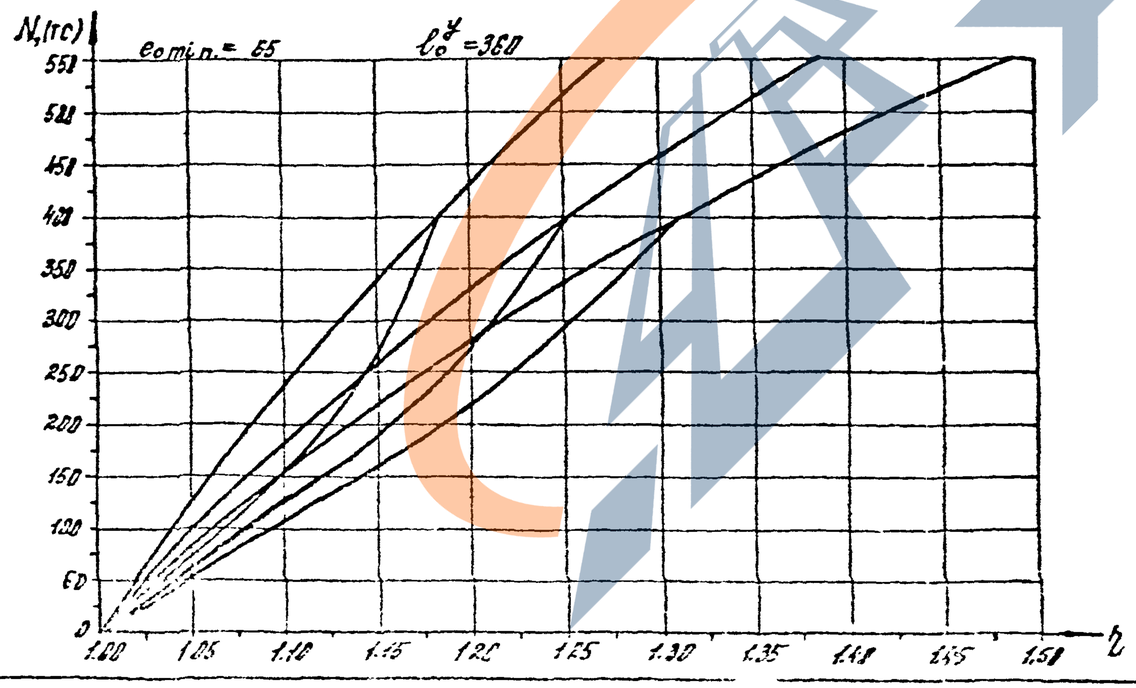
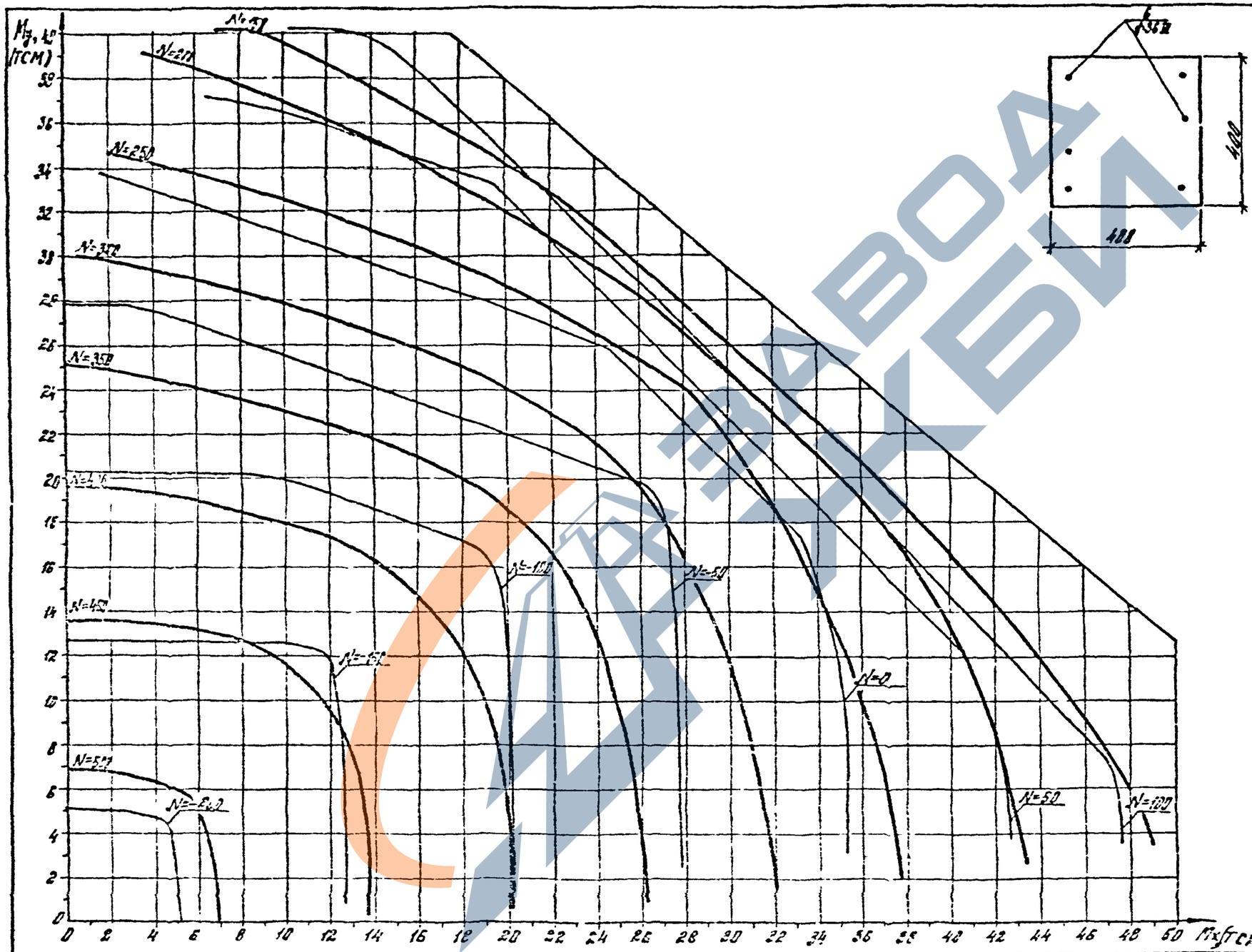




Вх. 3282 9 л. 11 f



Вх. 32823 л. 118

Класс бетона В40 (Rв=221,6 кгс/см² при учете γb2=0,9)

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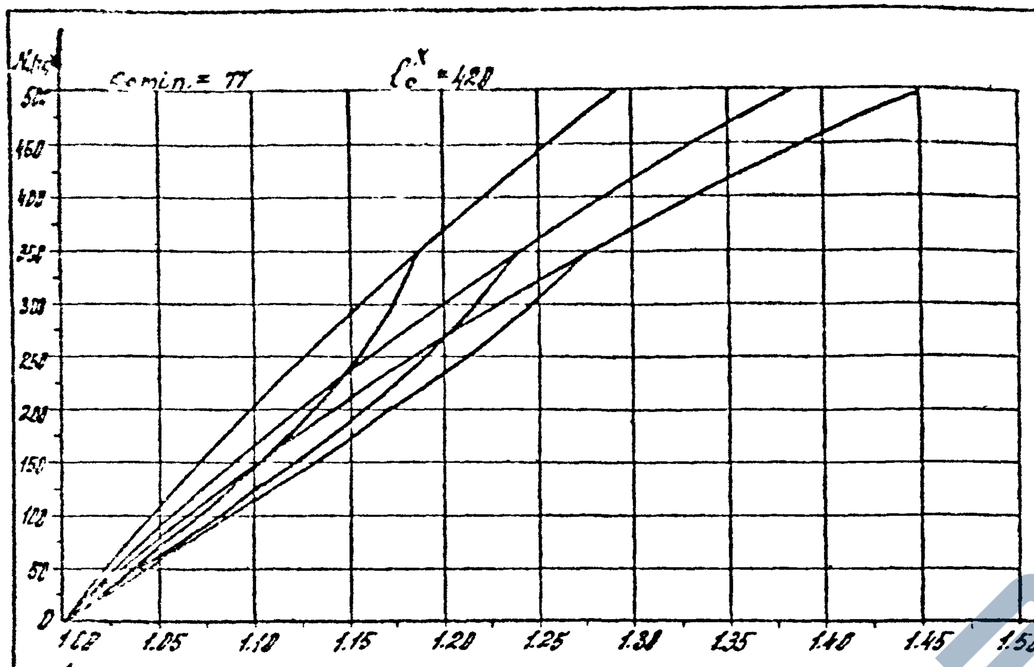
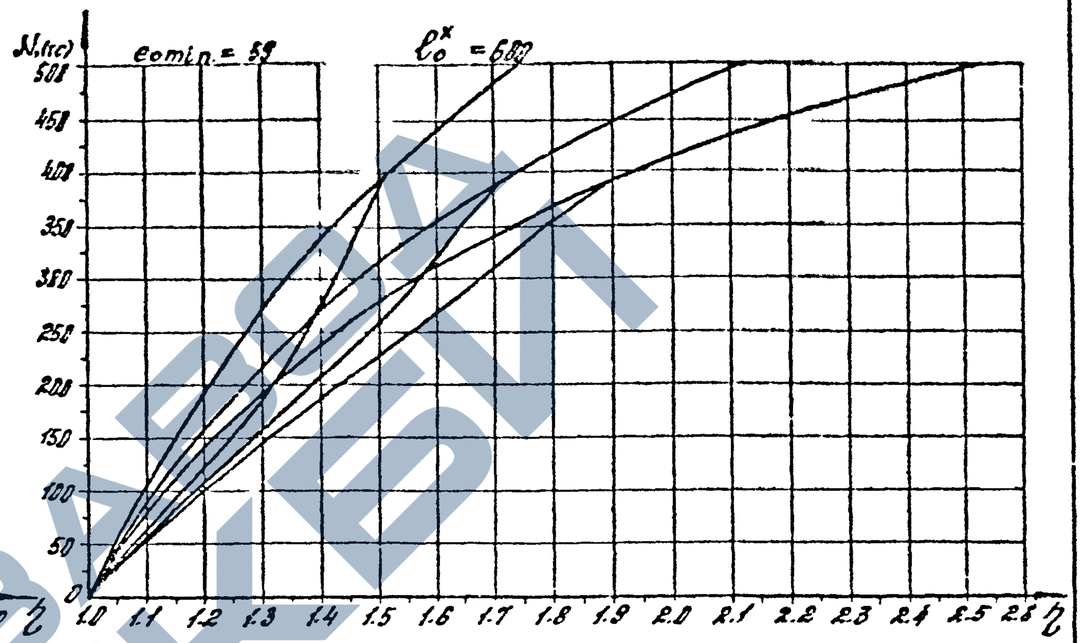
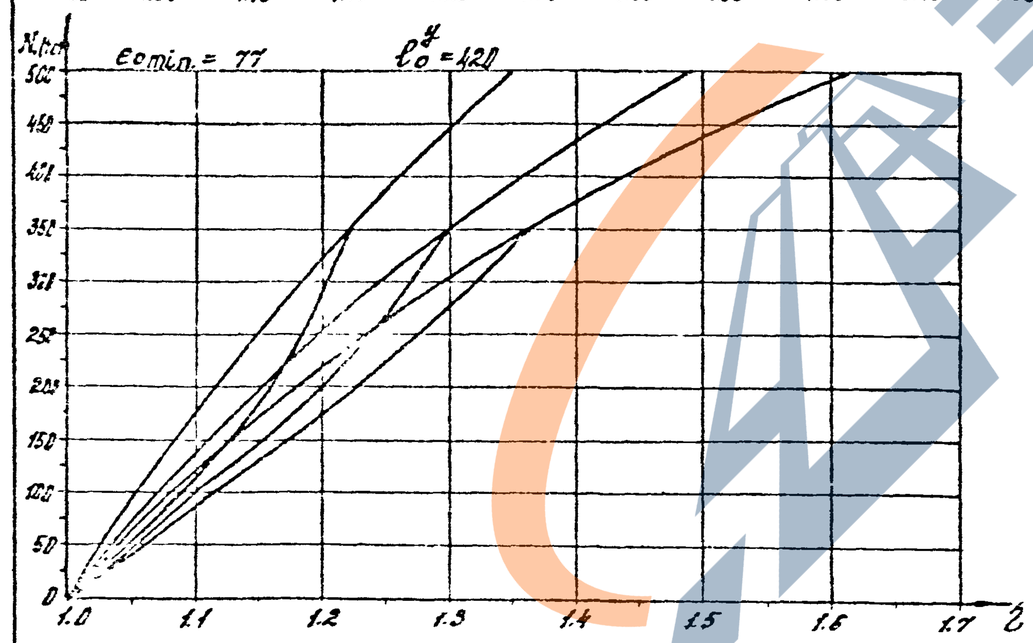
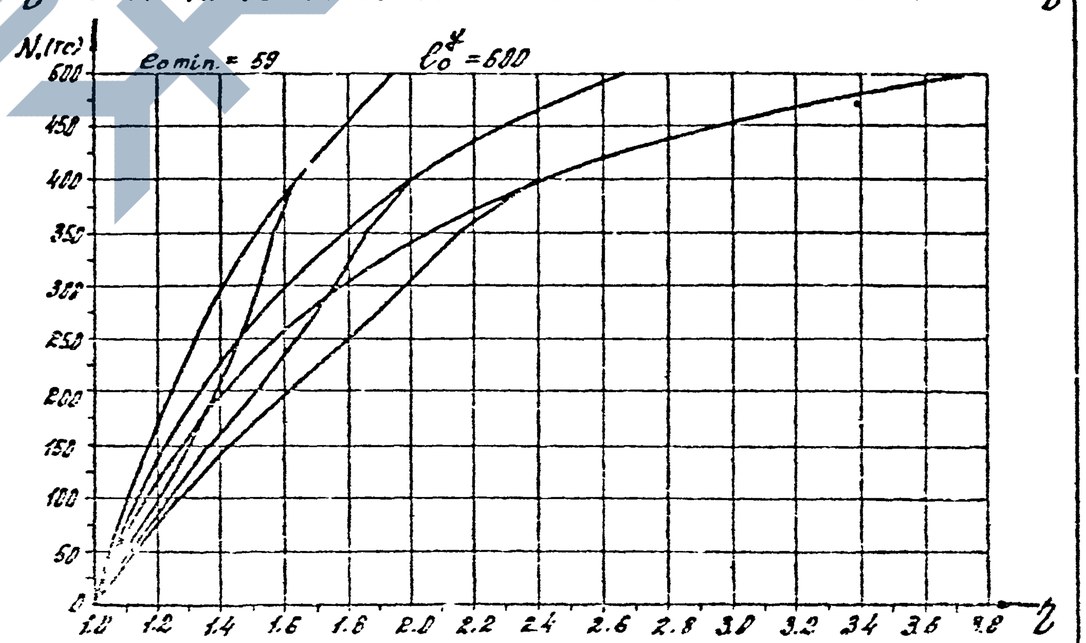
Лист 111

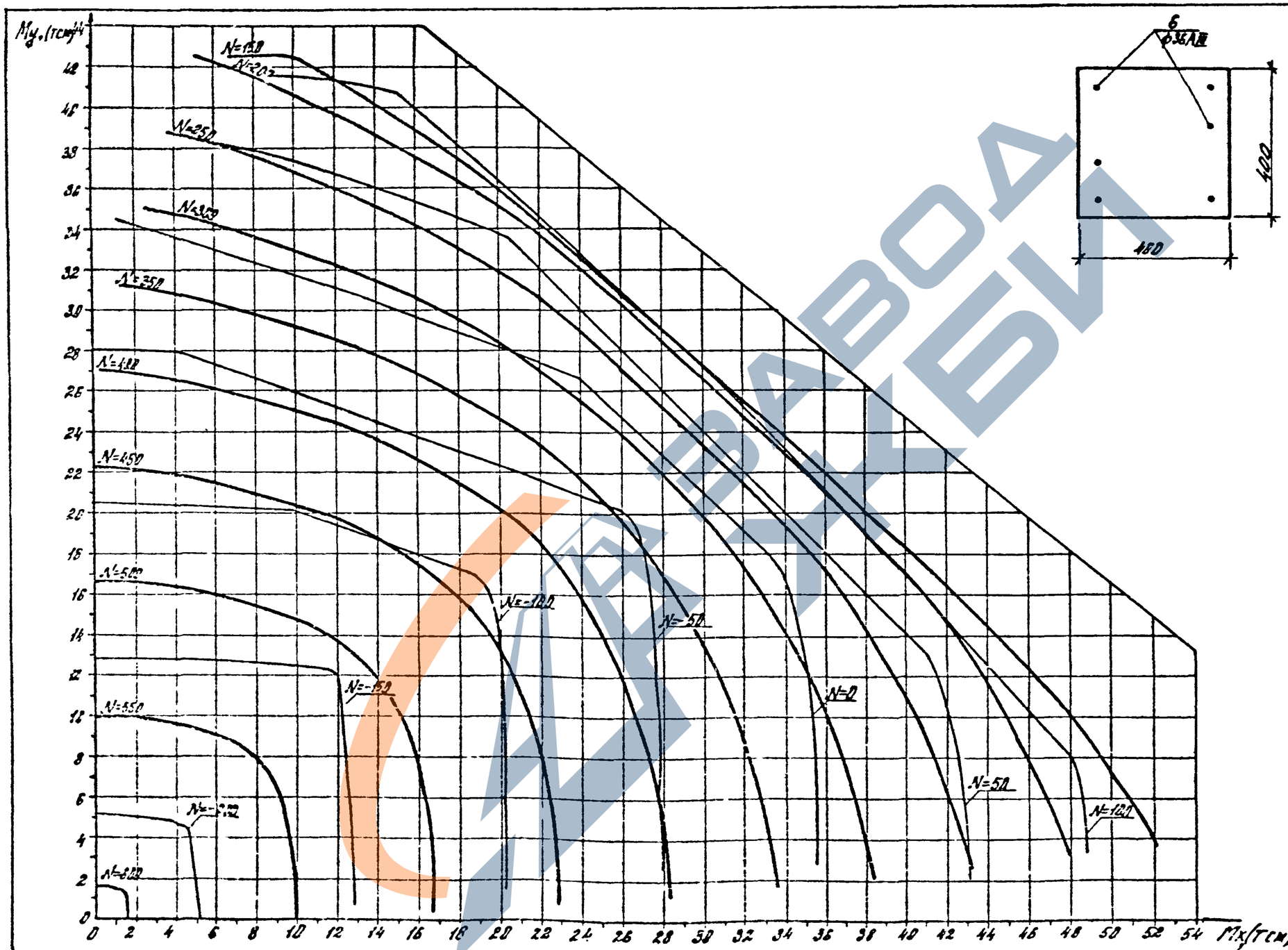








Вх. 32829 л. 119

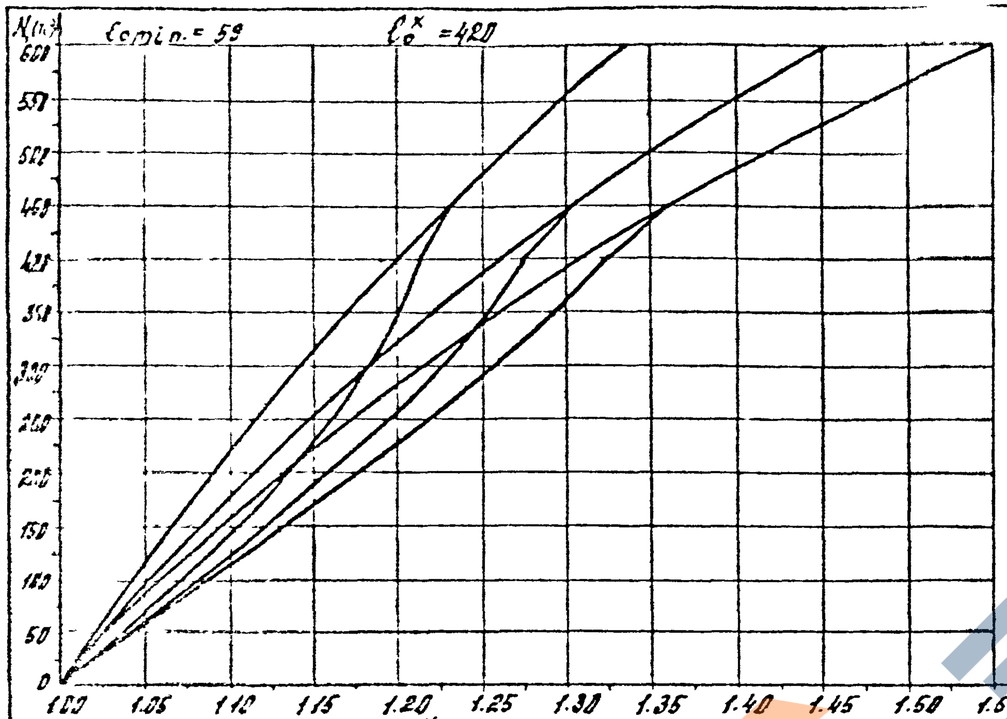


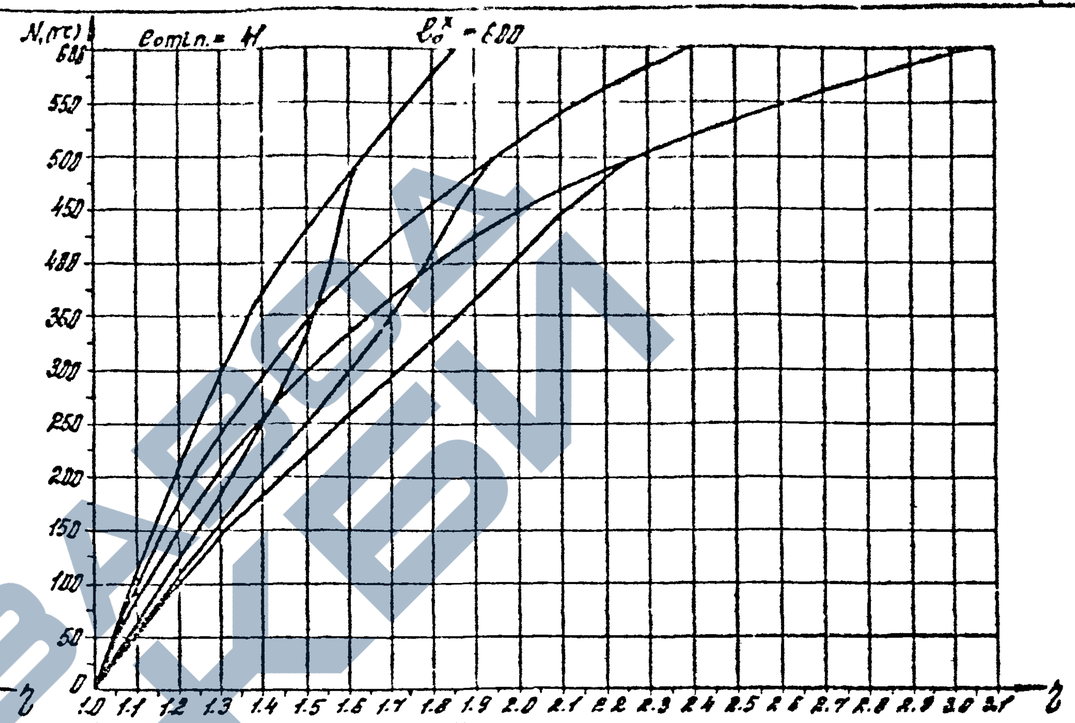
Класс бетона В40 (Rв=246.4кгс/см² при учете γb2=1.10)

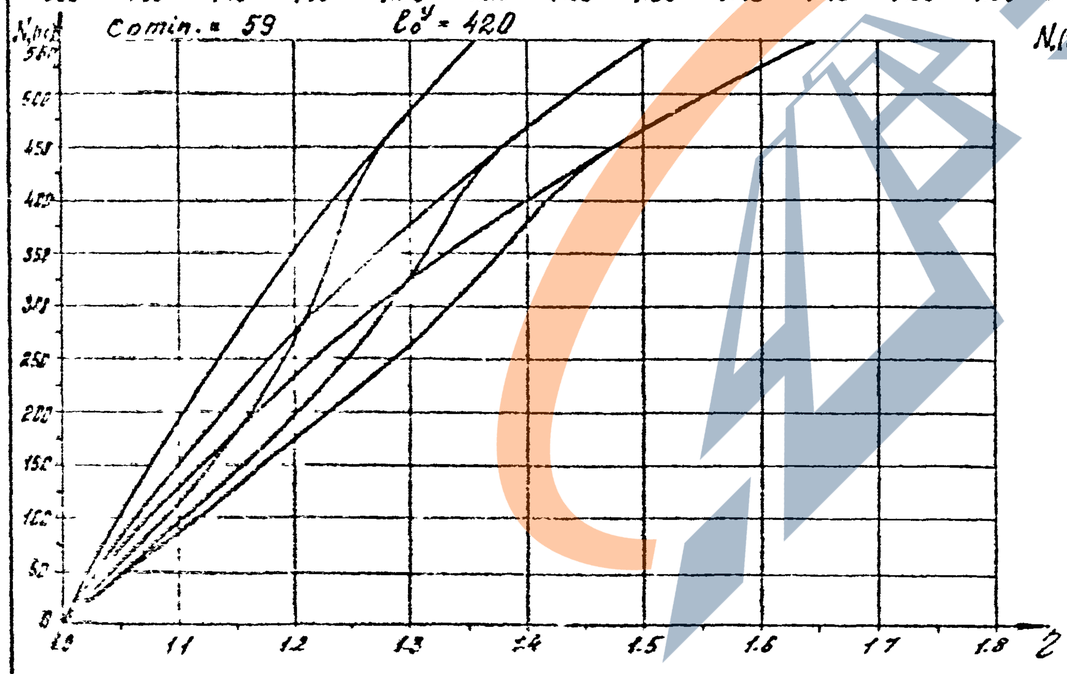
Вх.32829 А.120

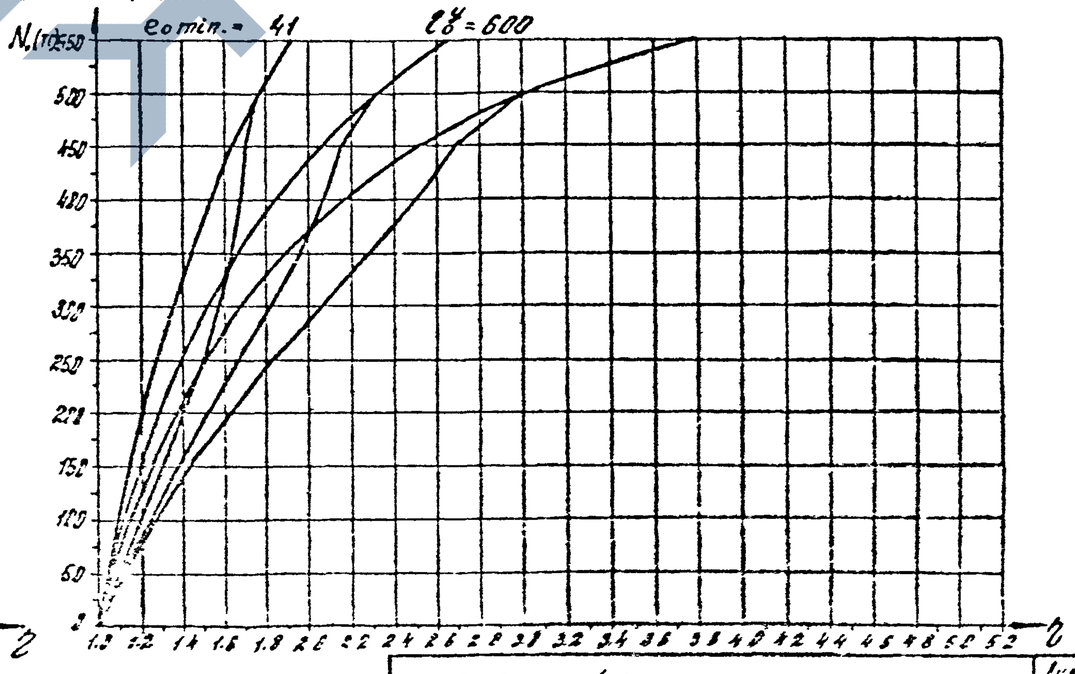
1.020-1/87. 0-6-3 ПЗ

Лист 113









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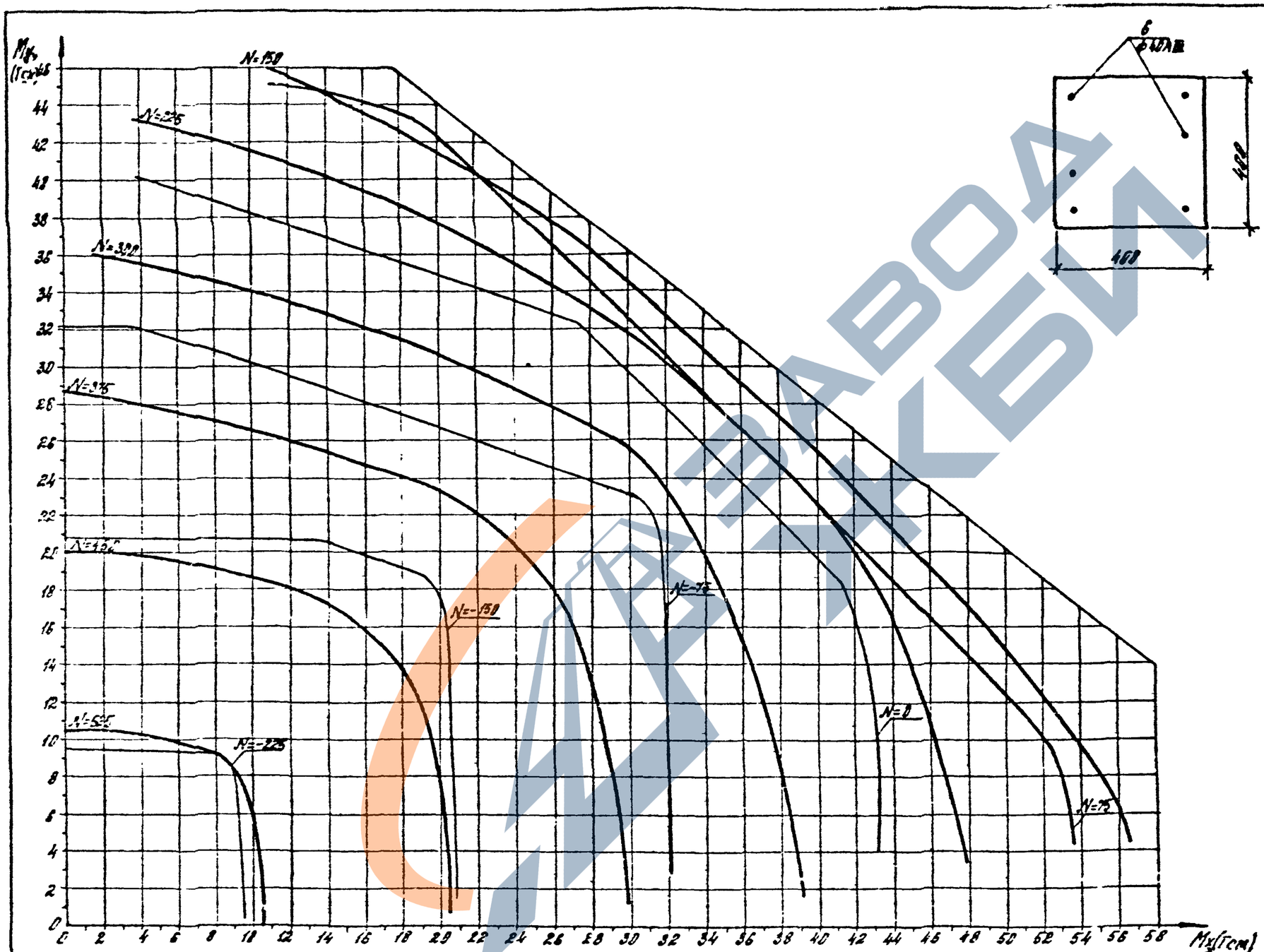
Лист 114

Вх. 32829 л. 121



Вх. 32829 л. 122

класс бетона В40 (Rв=281.5 кгс/см² при учете γв2=0,9)

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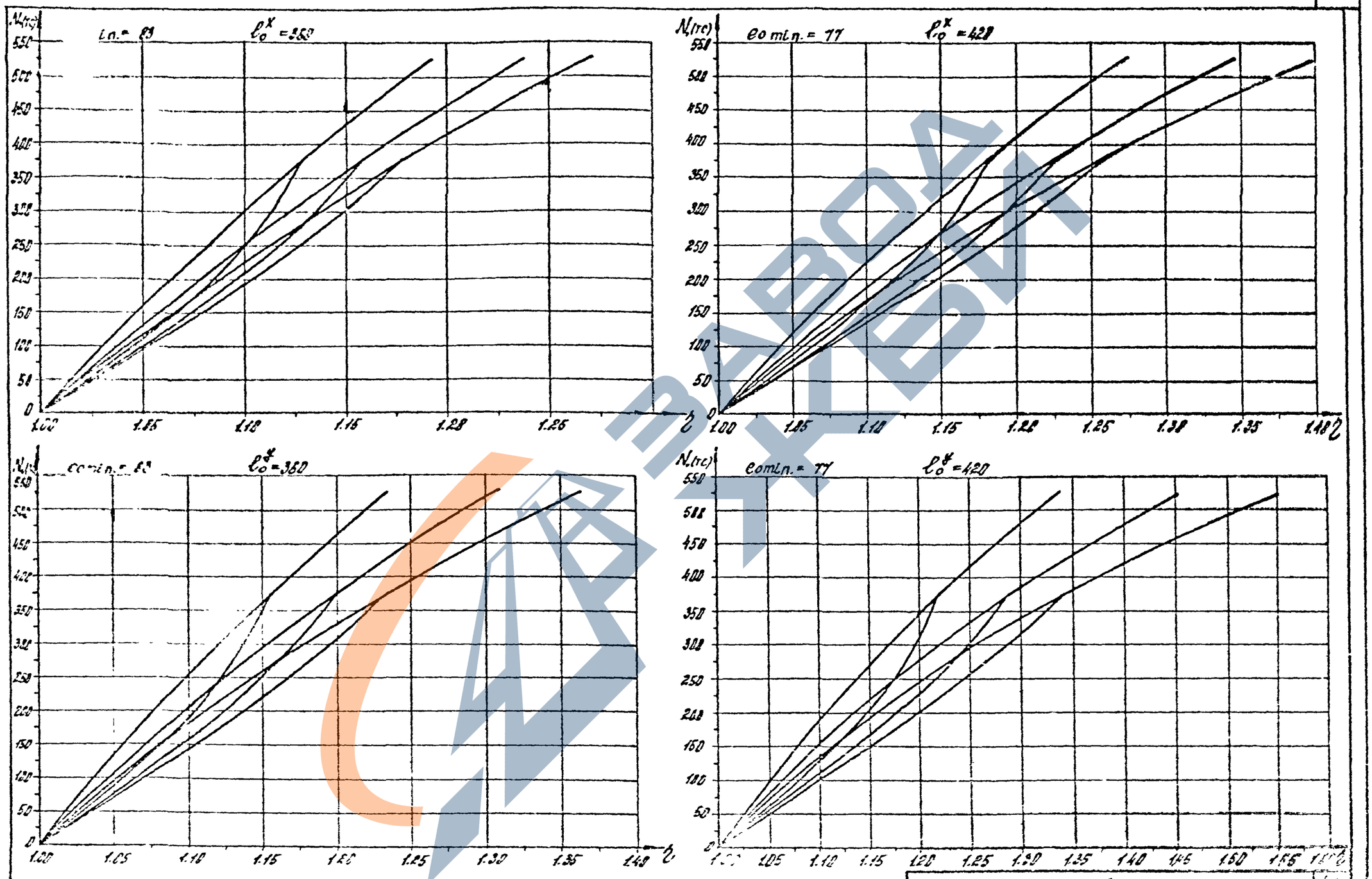
Альт.

115



1020. - 1/87. 0-6-3 ПЗ

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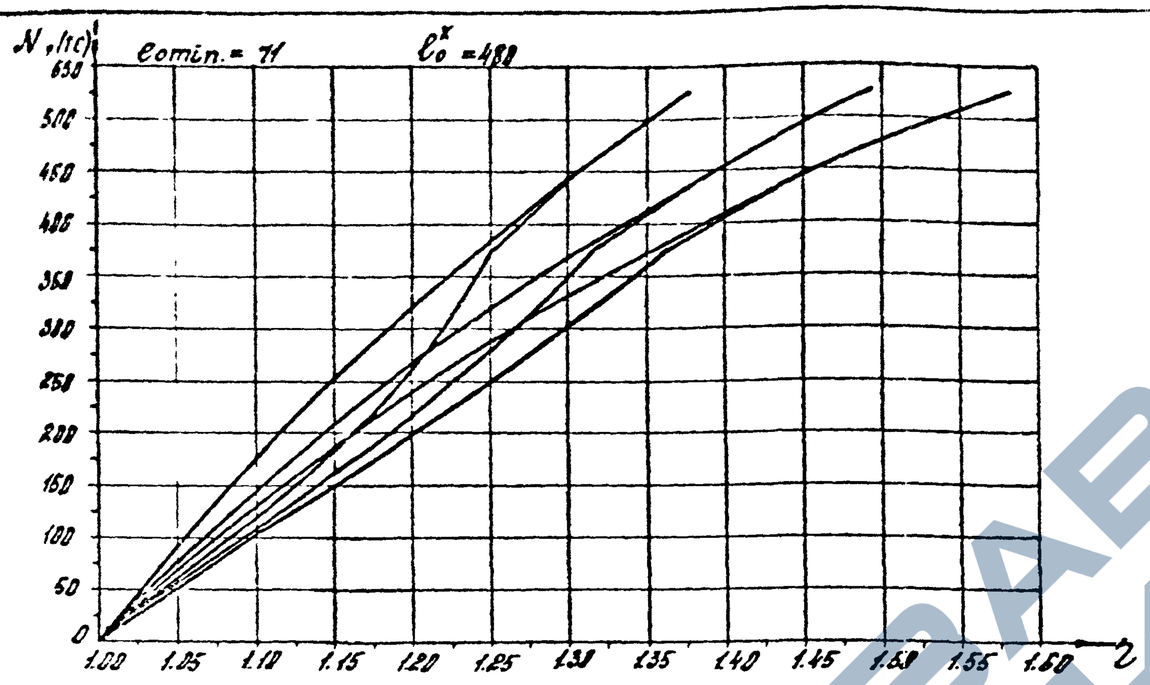

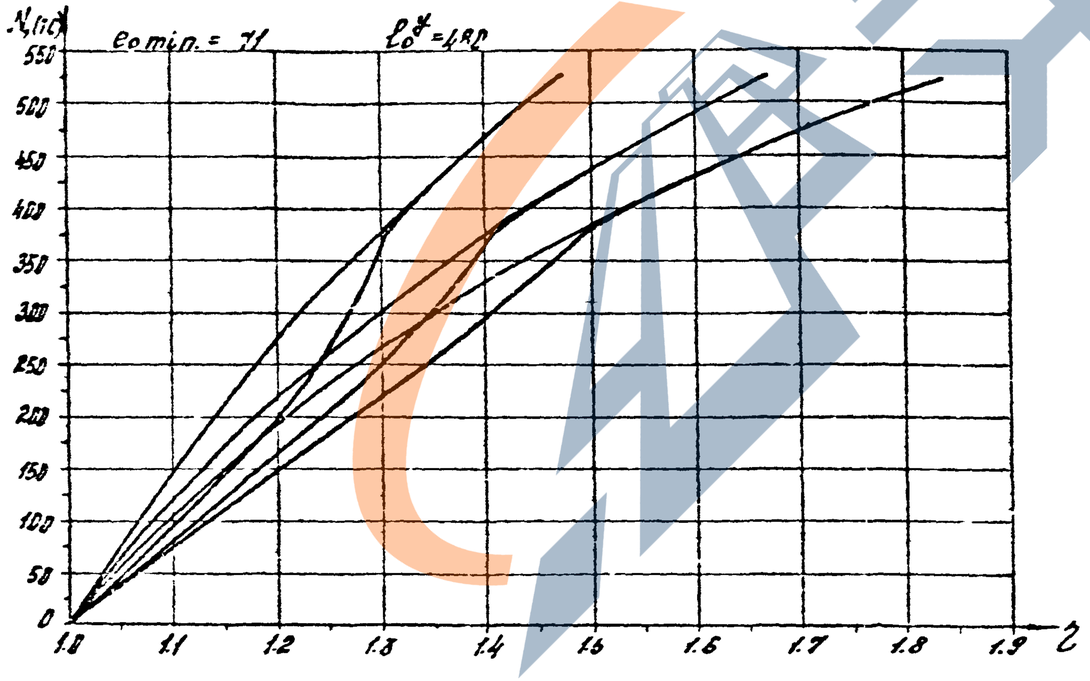

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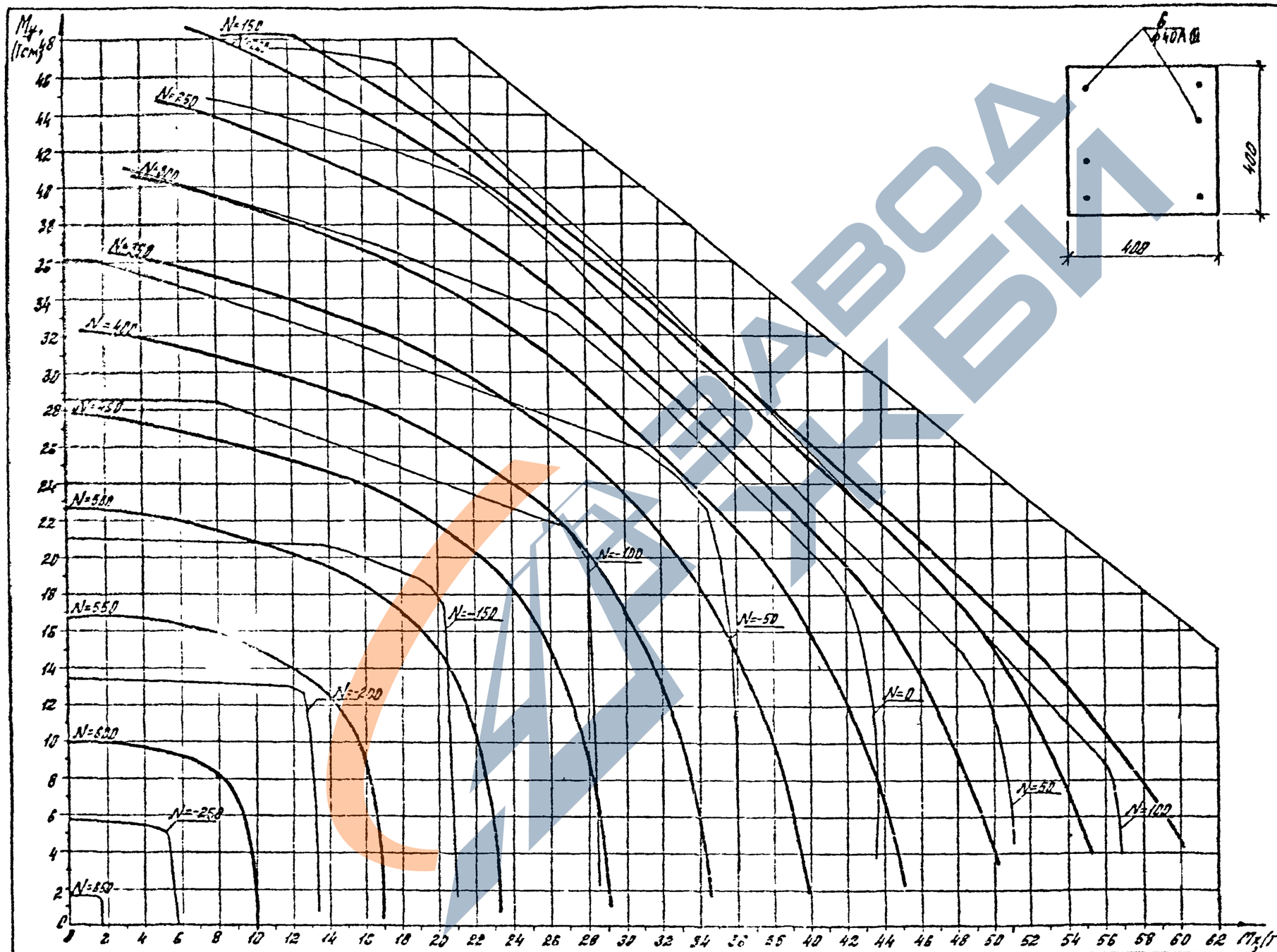
1.020-1/87. 0-6- 3 ПЗ

Изм. 117

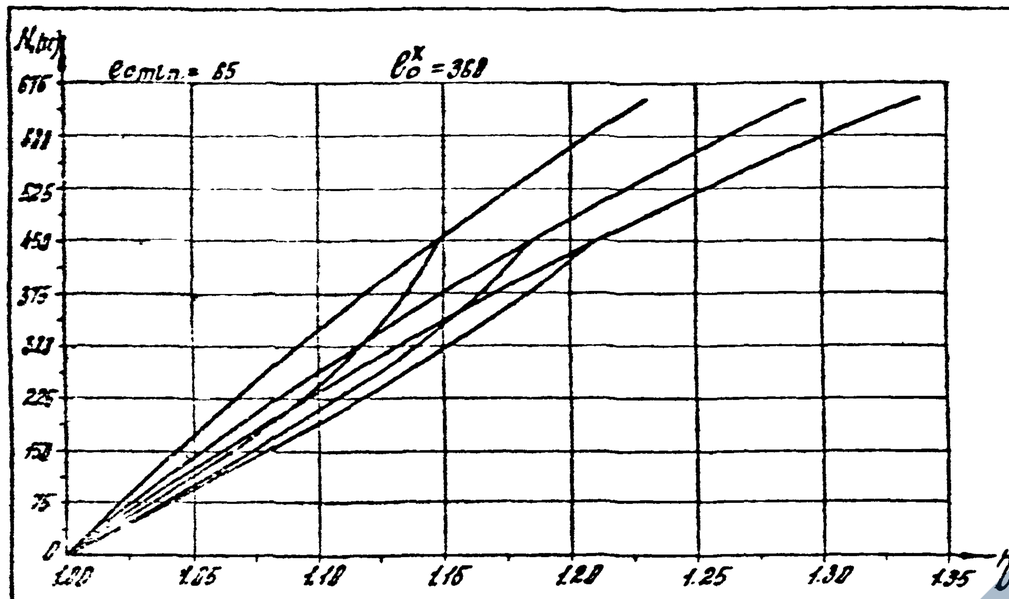


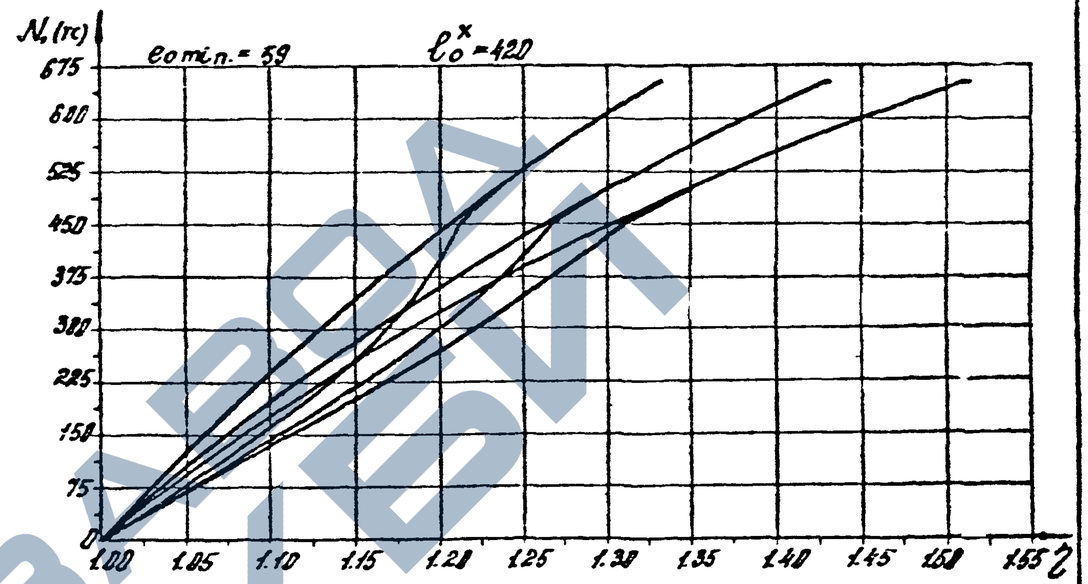
Класс бетона В40 (Rb=246.4кгс/см² при учете γb2=1.10)

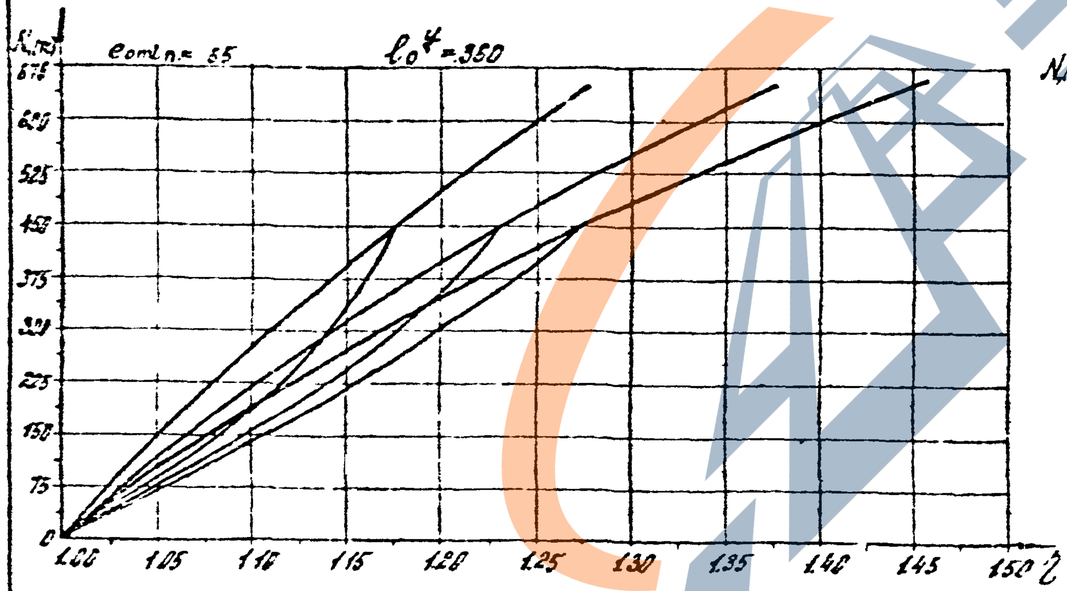
Вх. 32829 Альб. 125

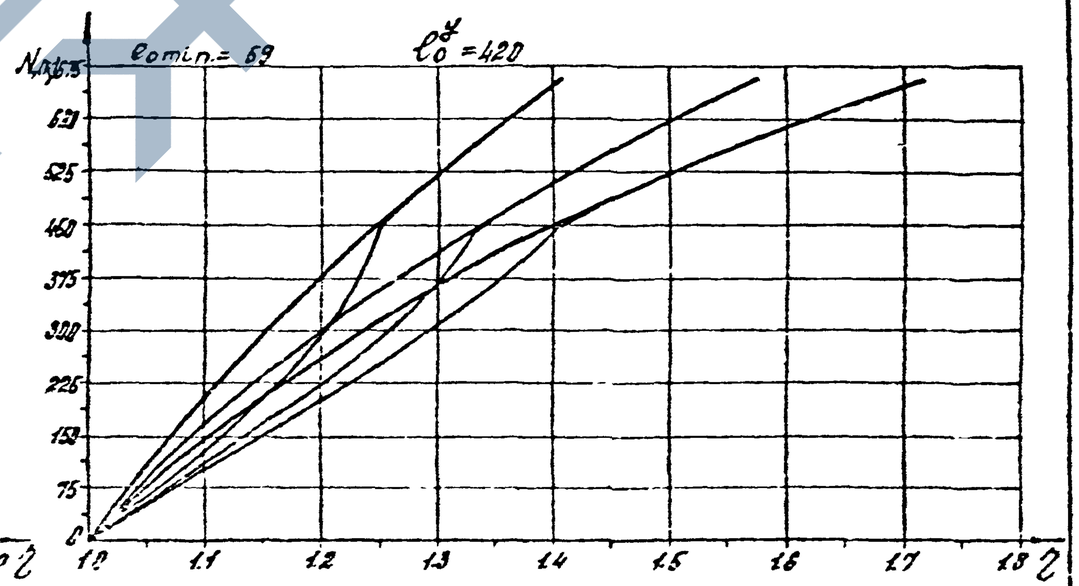
1.020-1/87. 0-6-3 ПЗ

Лист 118





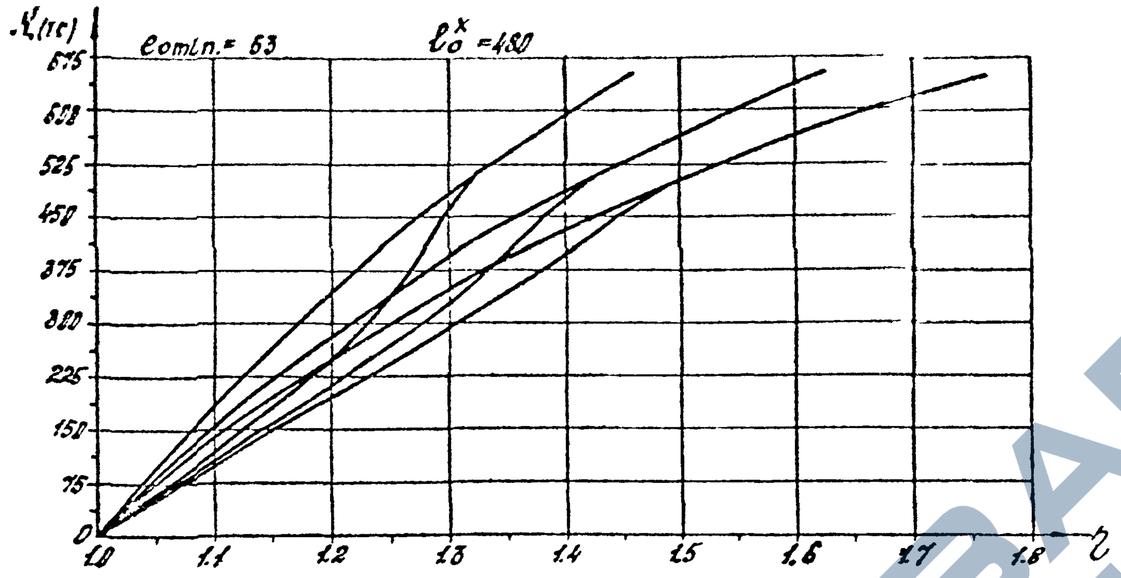


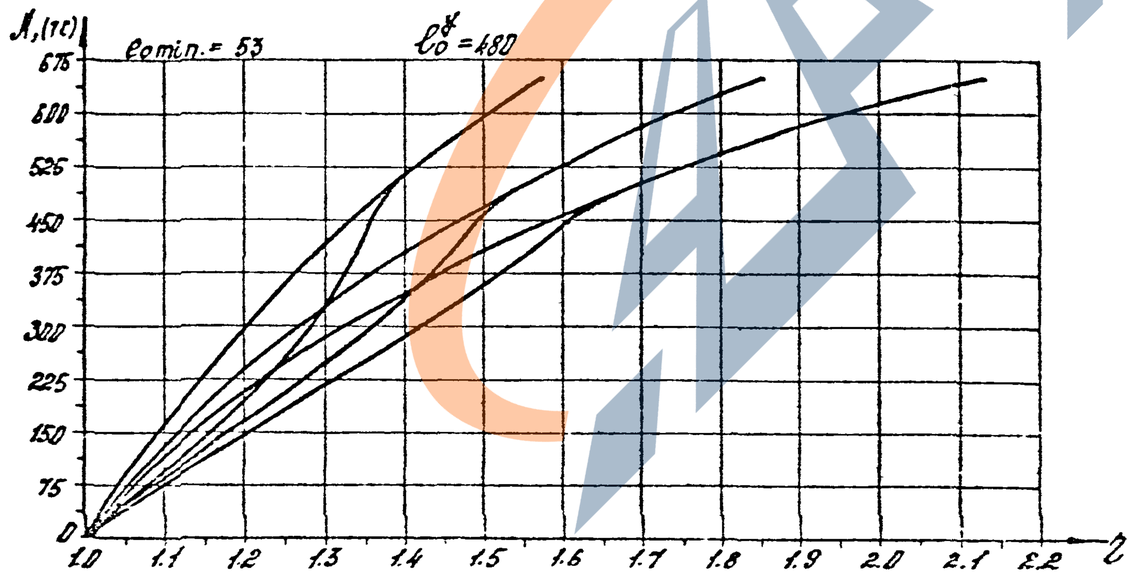


Вх. 32829 л. 126

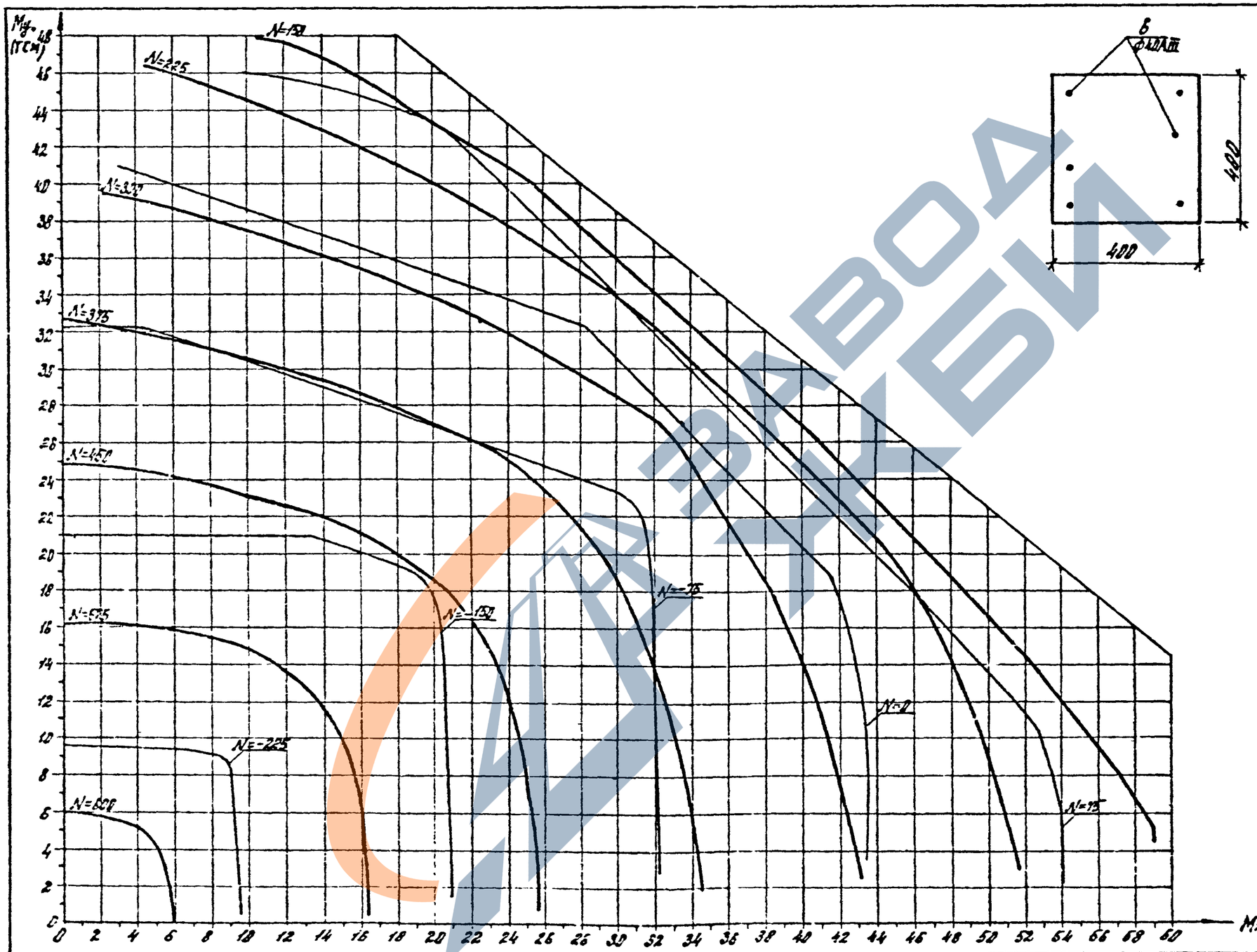
1.020-1/87. 0-6-3 113

Лист 119





Вх. 32829 л. 127



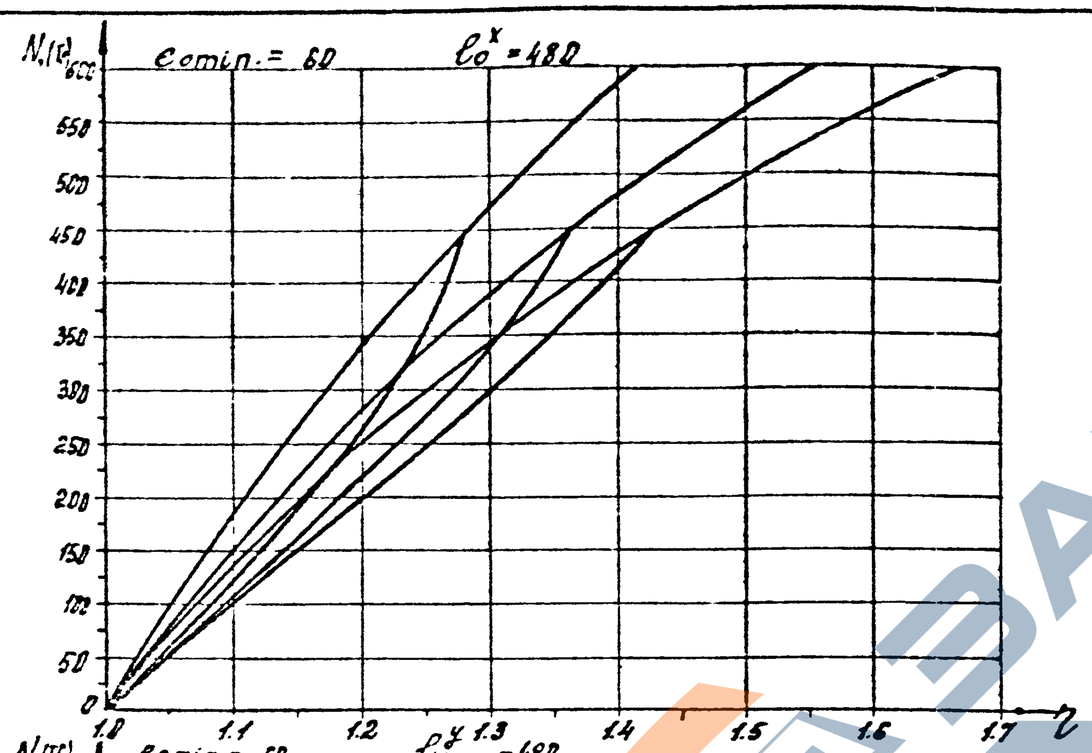
Класс бетона В45 (R_b=222,5 кгс/см² при учете γ_{b2}=0,9)

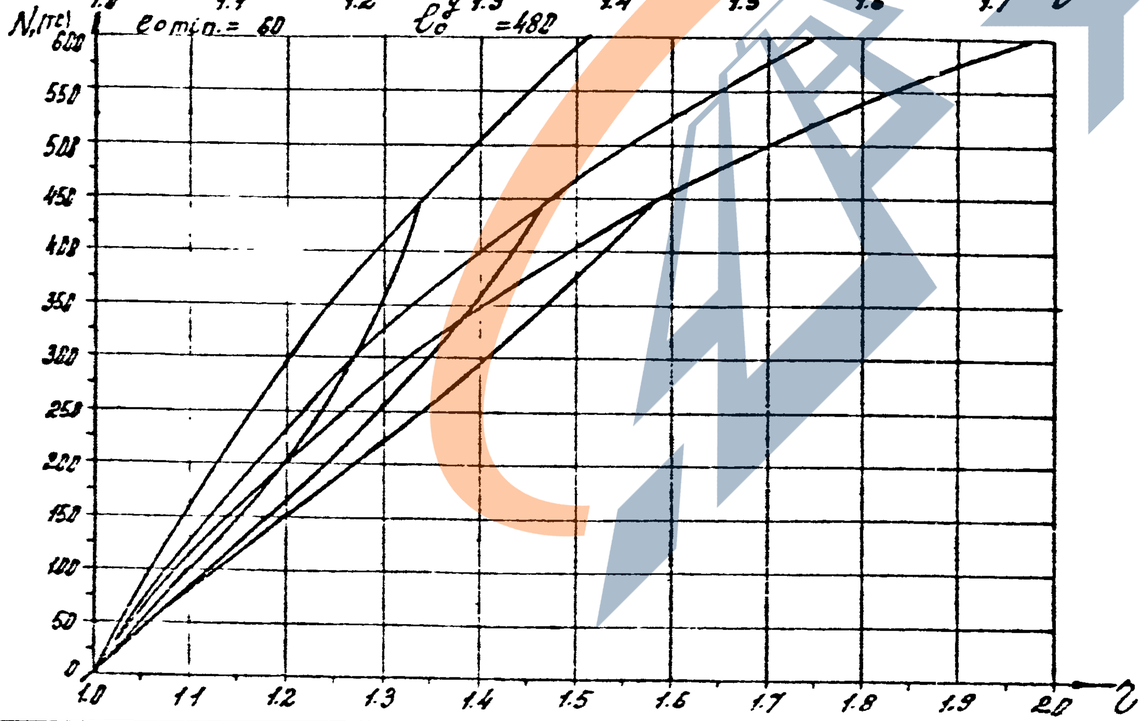
Вх. 32829 л. 128

1.020-1/87. 0-6-3 ПЗ

Лист 121

https://zavodjbi.com/



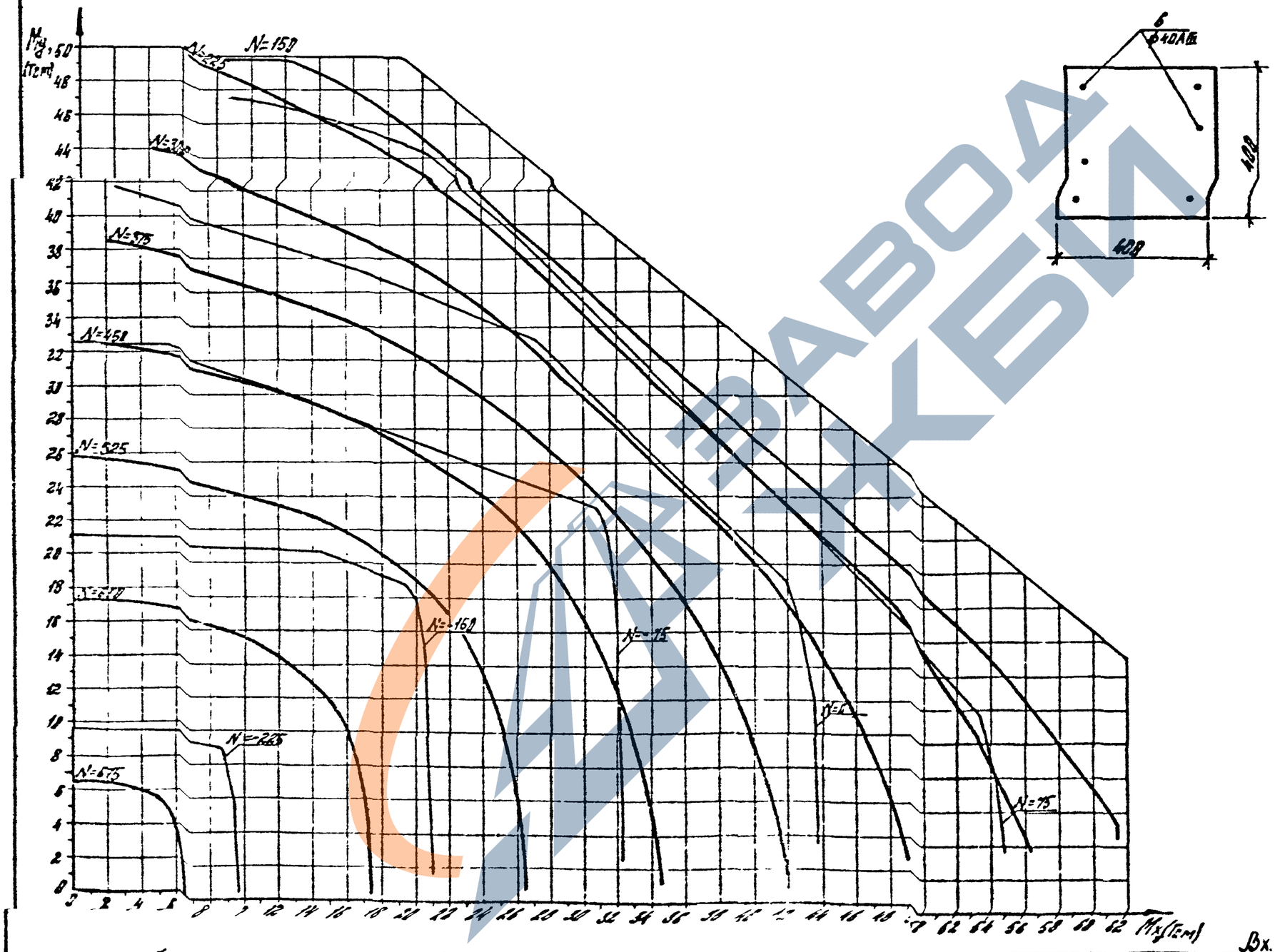


ЗАВОД ЖБИ

Зах. 32826 л. 129

1020-1/87. 0-6-3ПЗ

Лист 122

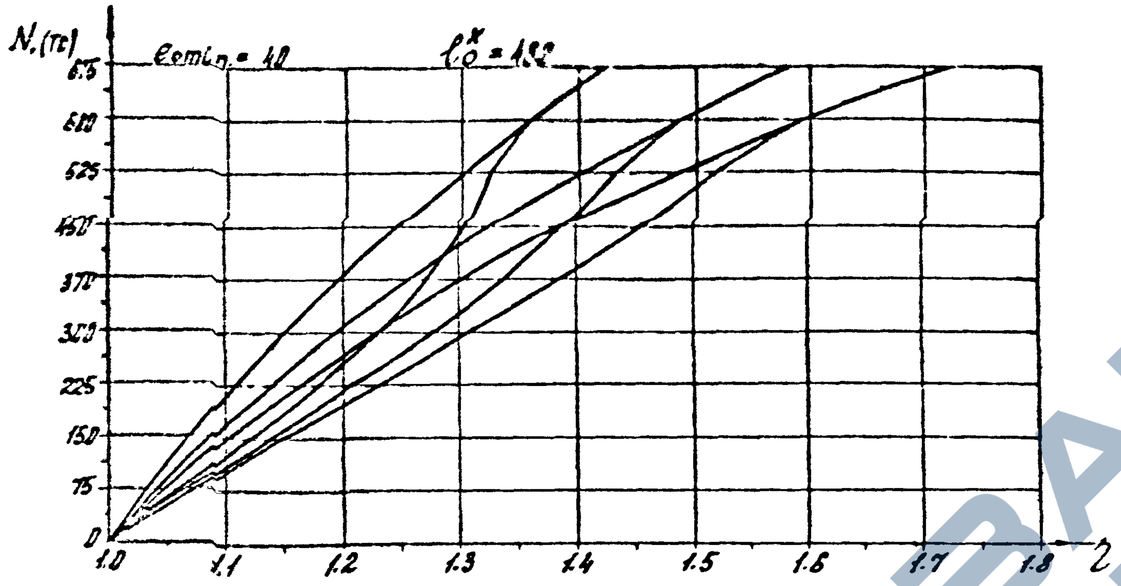


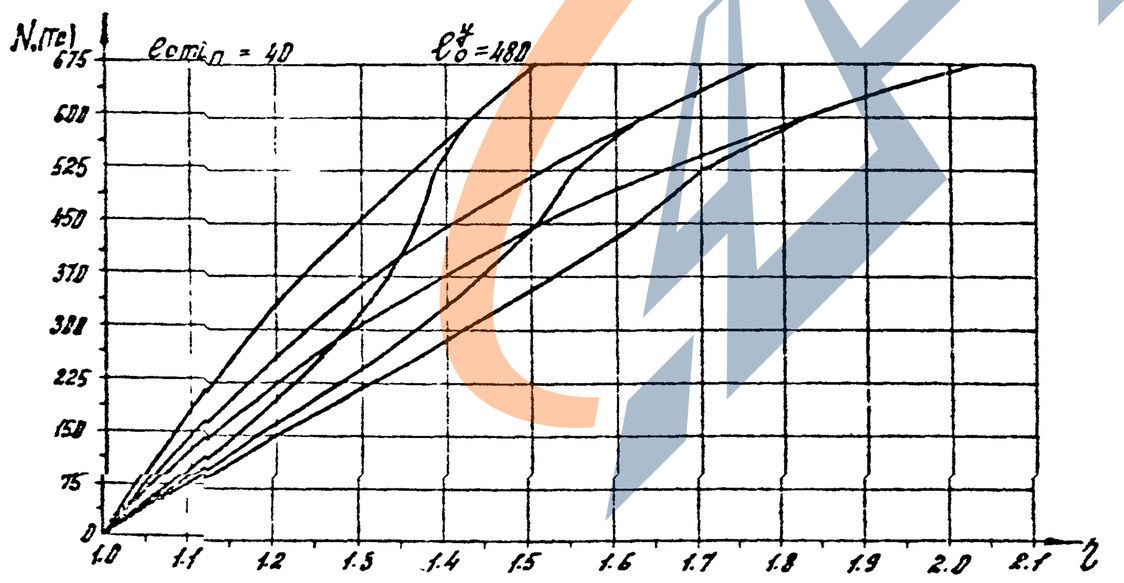
Класс бетона В45 (R_b=280.5 кгс/см² при учете γ_{b2}=1.10)

Вх. 32829 л. 130

1.020-1/87. 0-6-3ПЗ

Лист 123

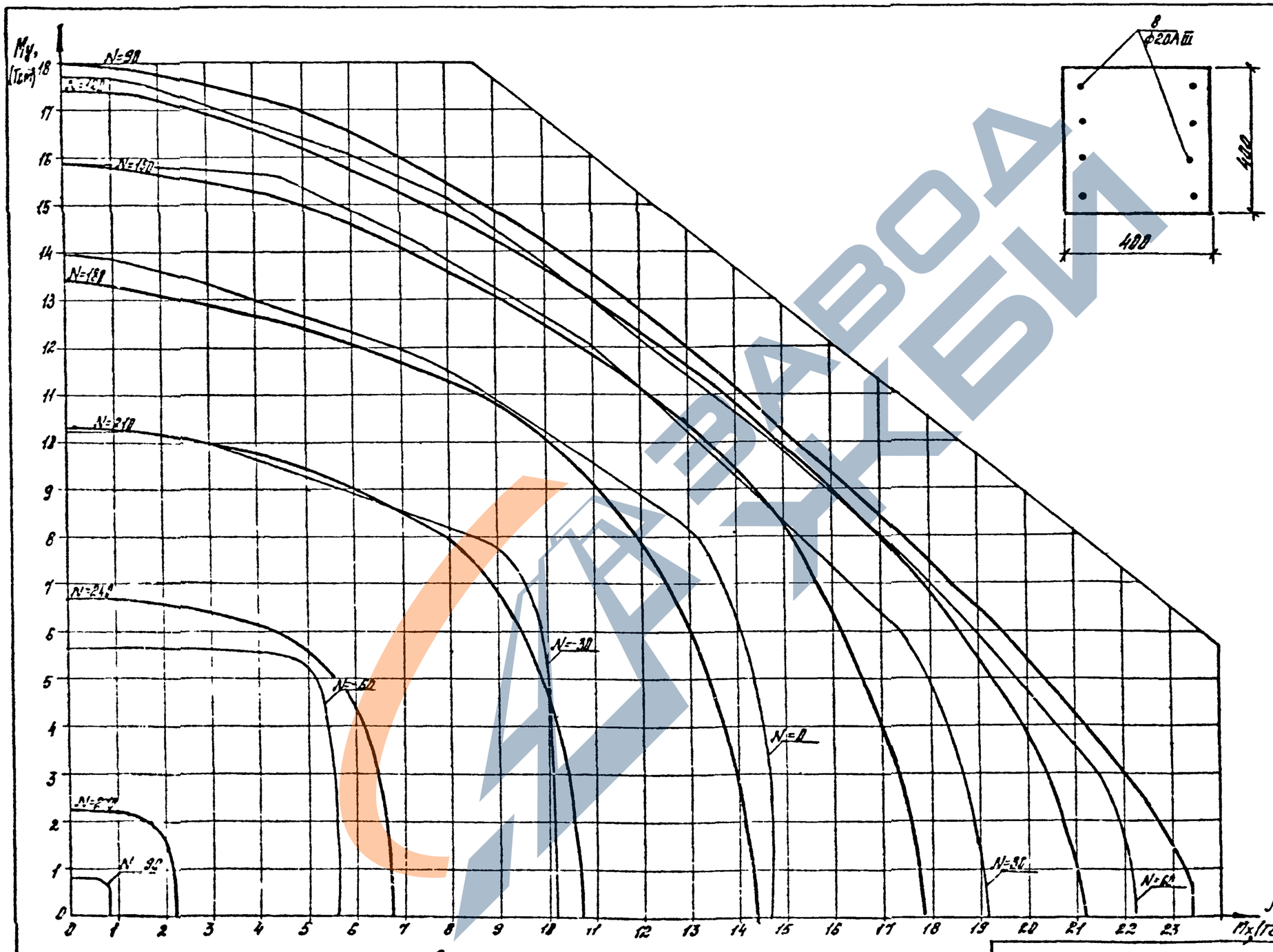




Вх. 32823 Ал. 131

1.020-1/87.0-5-3 ПЗ

Лист 124

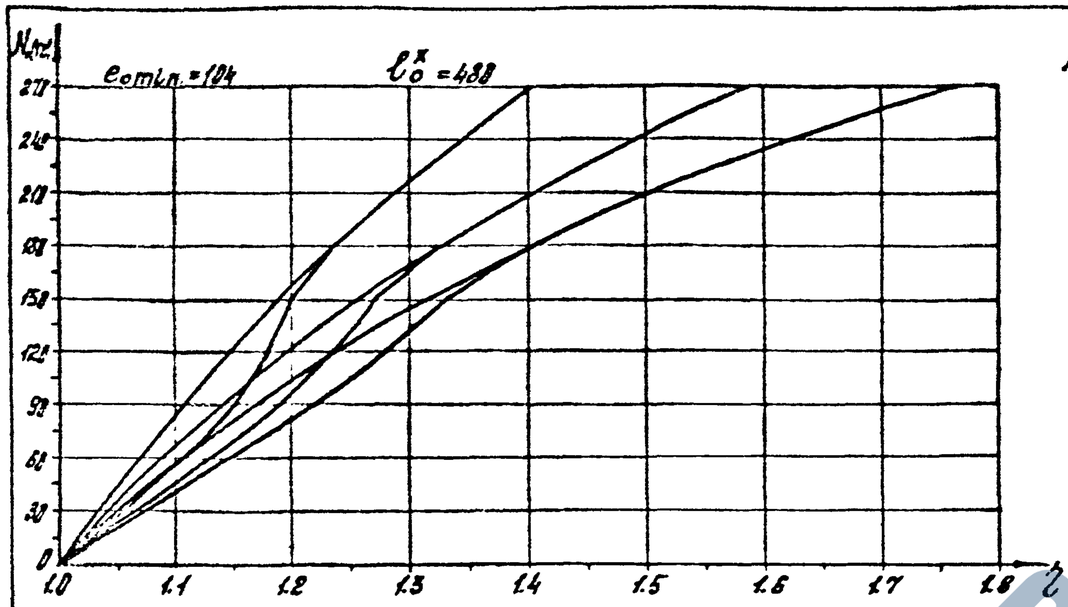


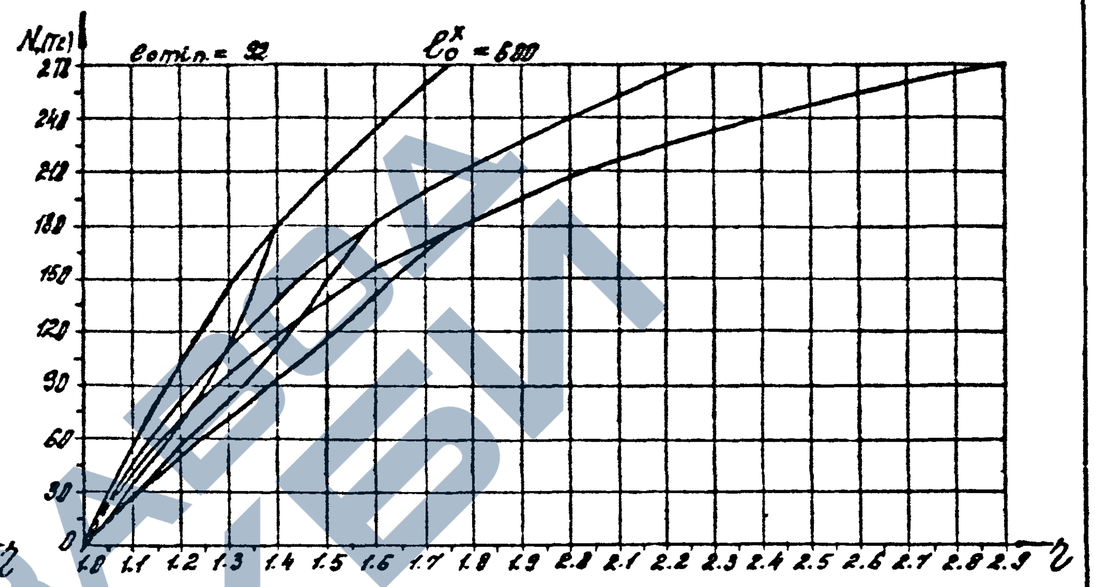
Вх 32829 л. 132

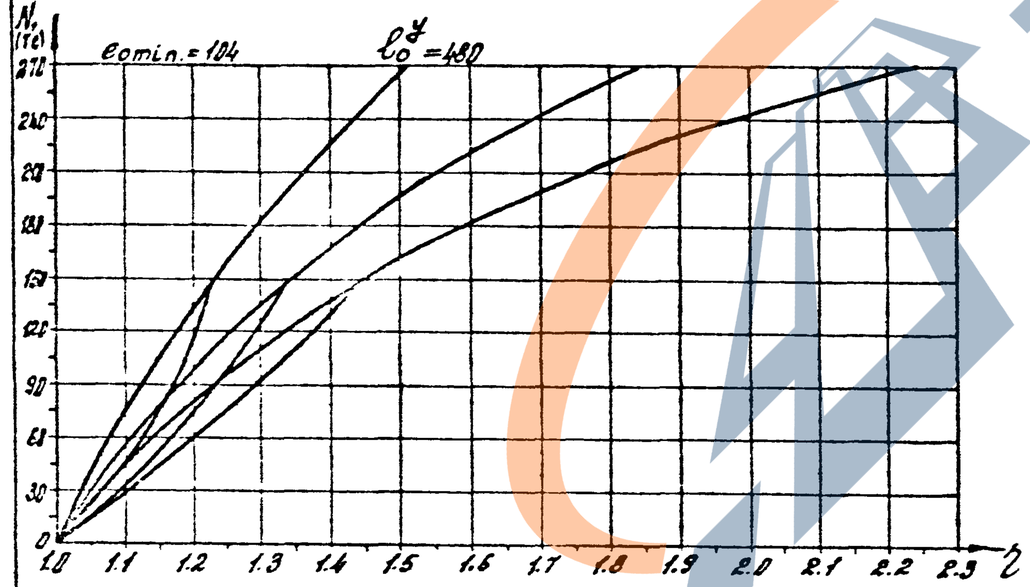
Класс бетона В22,5 (R_b = 19,2 кгс/см^2 при учете γ_{b2} = 0,9)

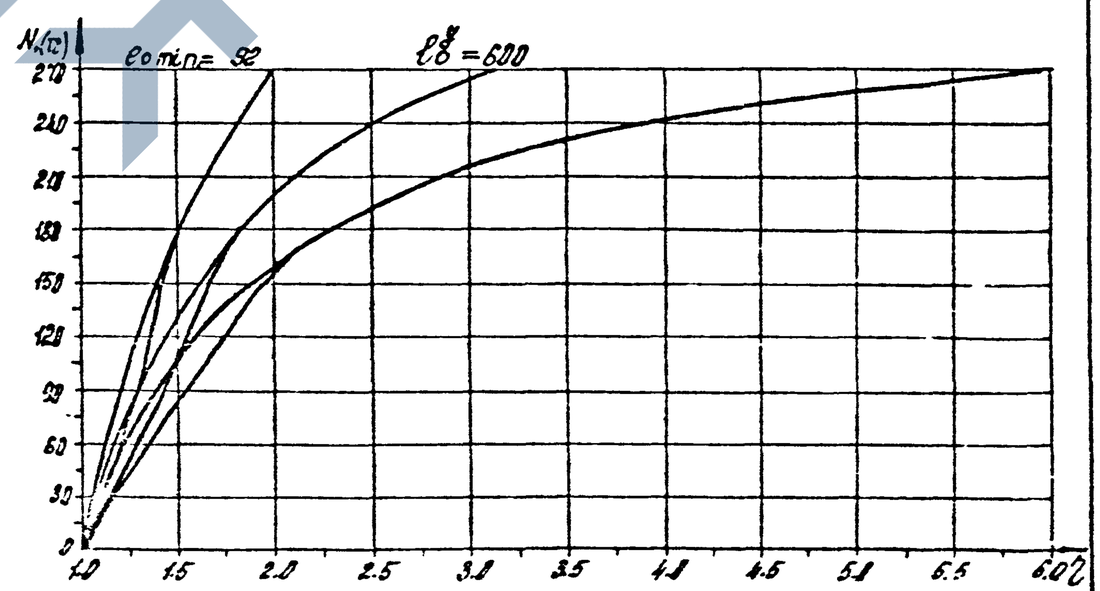
1.020-1/87. 0-6-3ПЗ

Лист 125





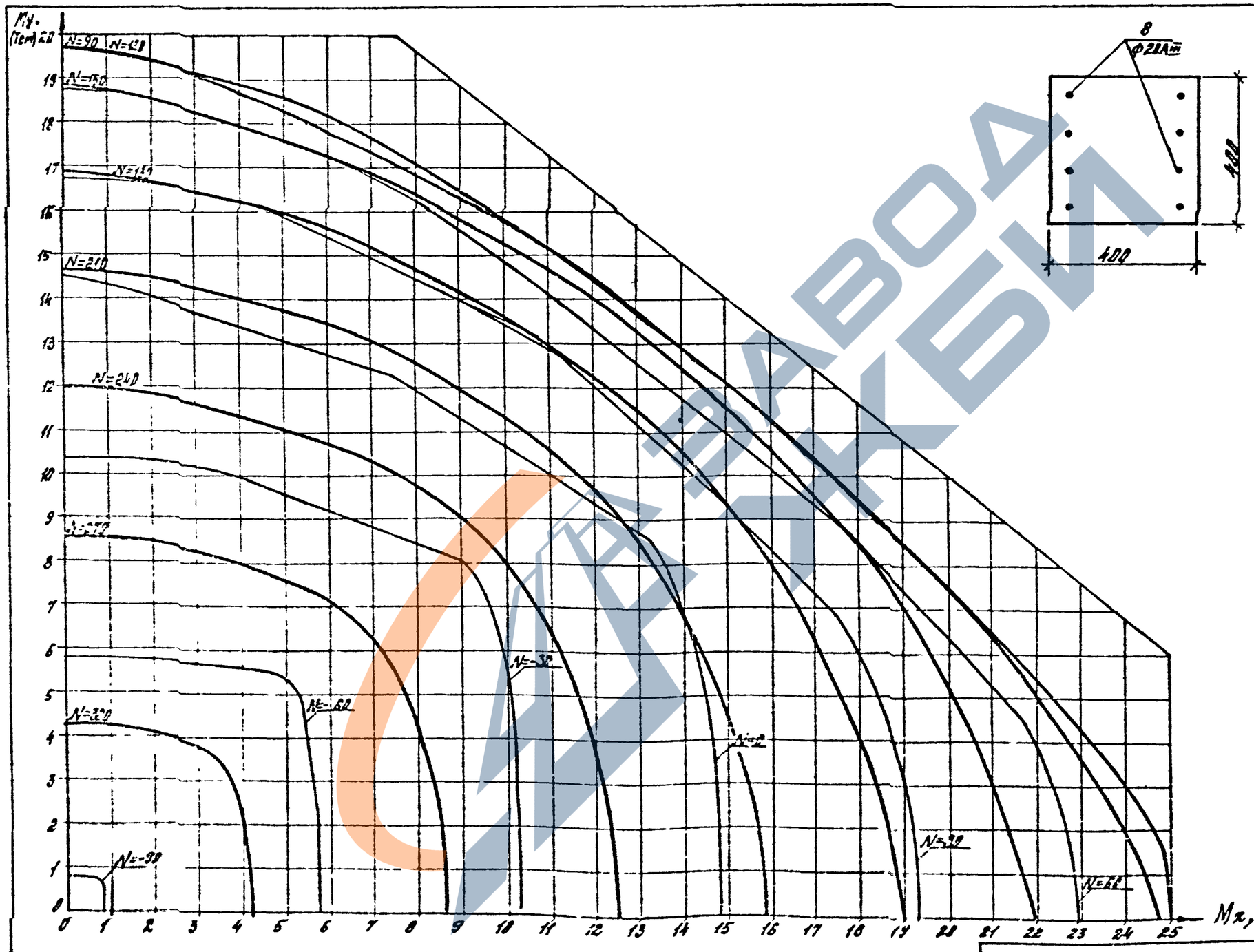




Вх. 32829 л. 133

1.020-1/87. 0-6- ЗПЗ

Лист 125

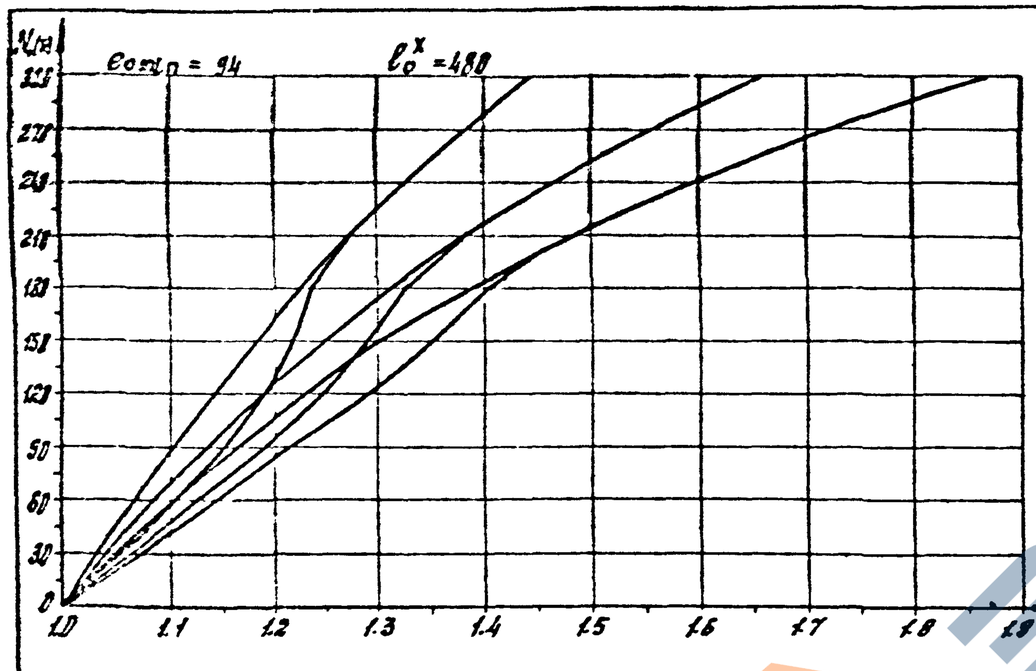


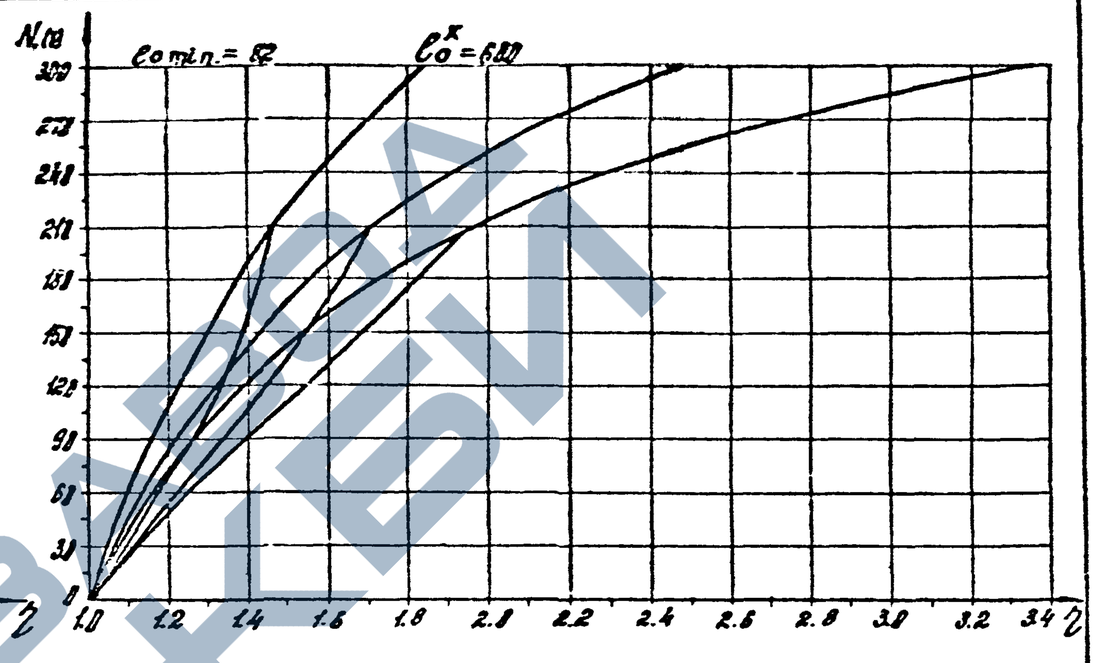
Вх. 32823 л.134

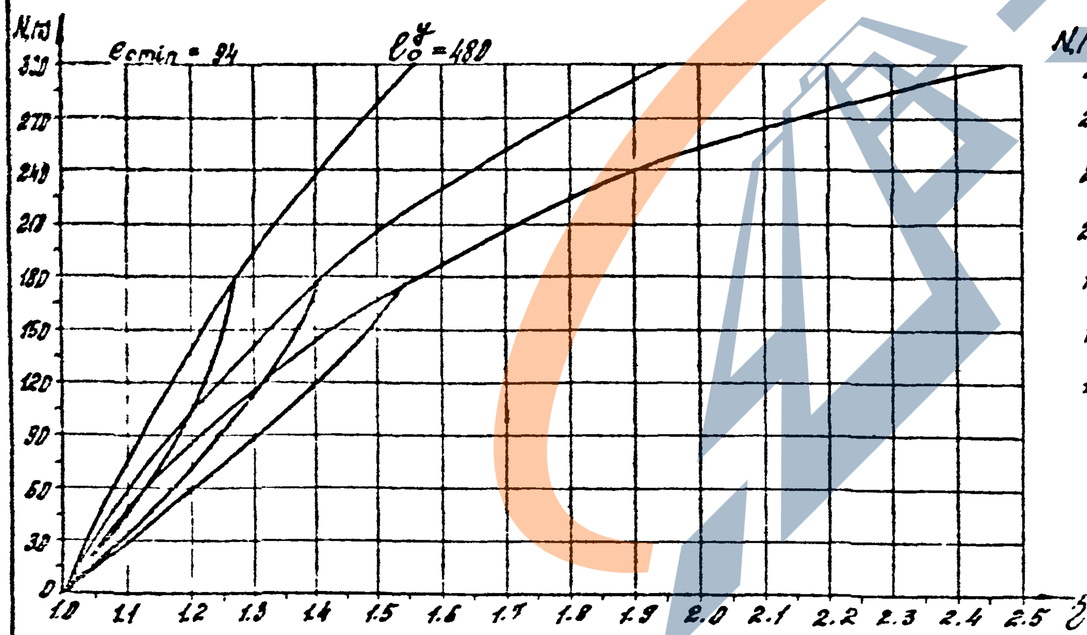
класс бетона В22,5 (R_b = 145,7 кгс/см^2 при учете V_{b2} = 1.10)

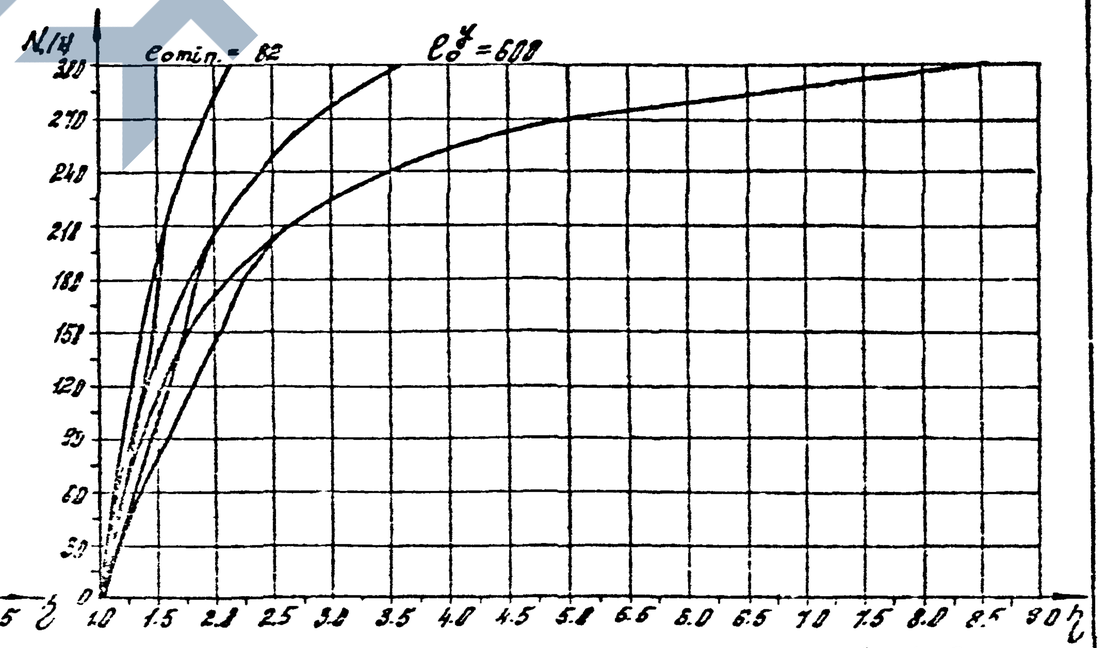
1.020-1/87. 0-6-3ПЗ

Лист 127





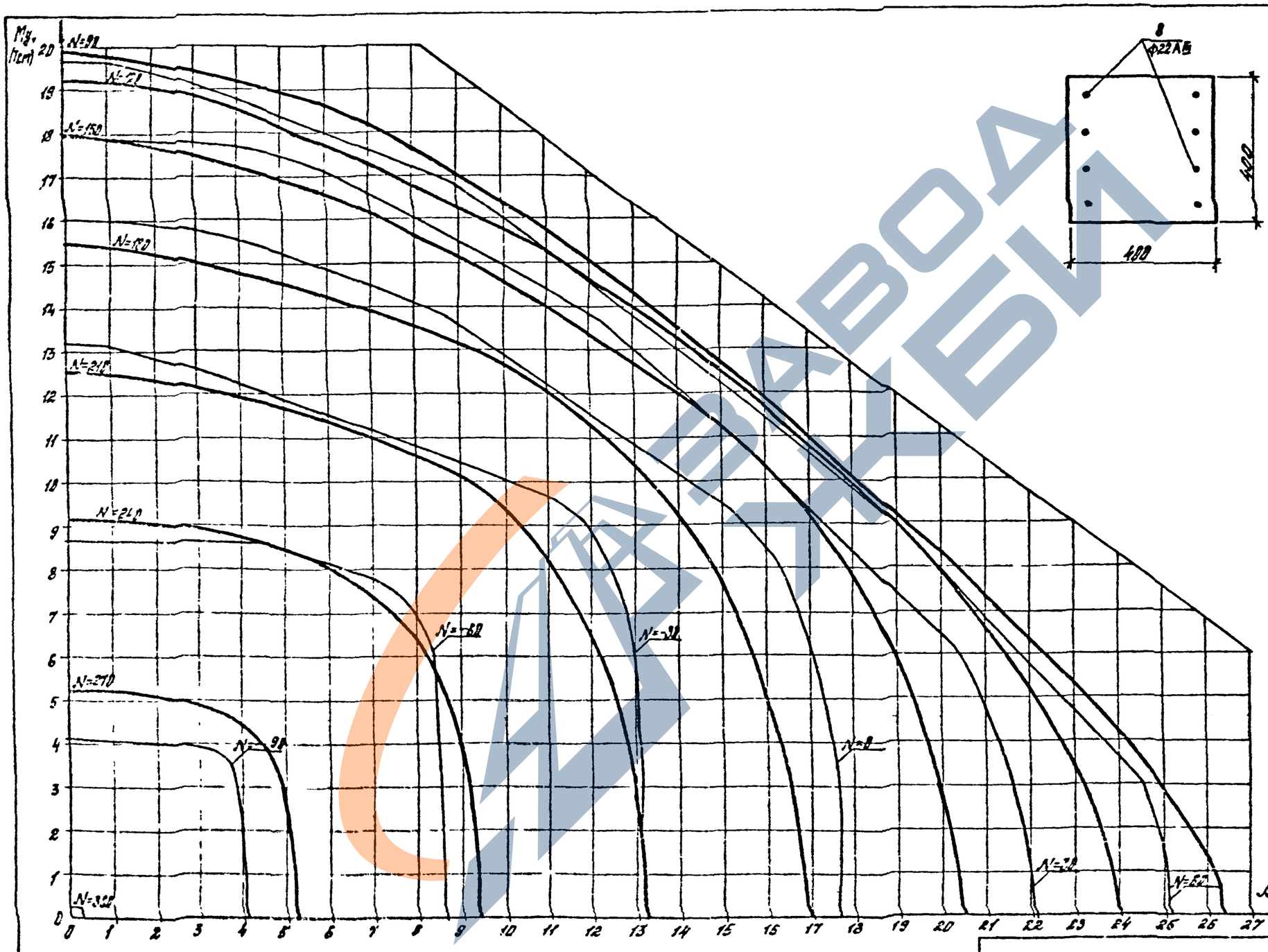




Вх. 32829 л 135

1.020-1/87.0-6-ЗПЗ

Лист 128

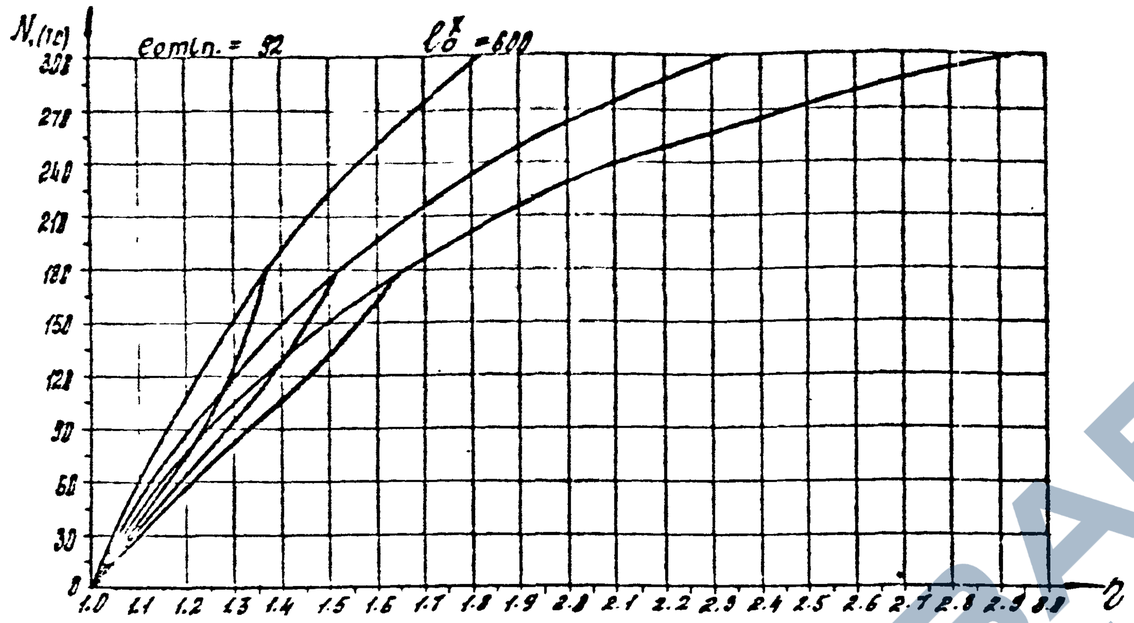


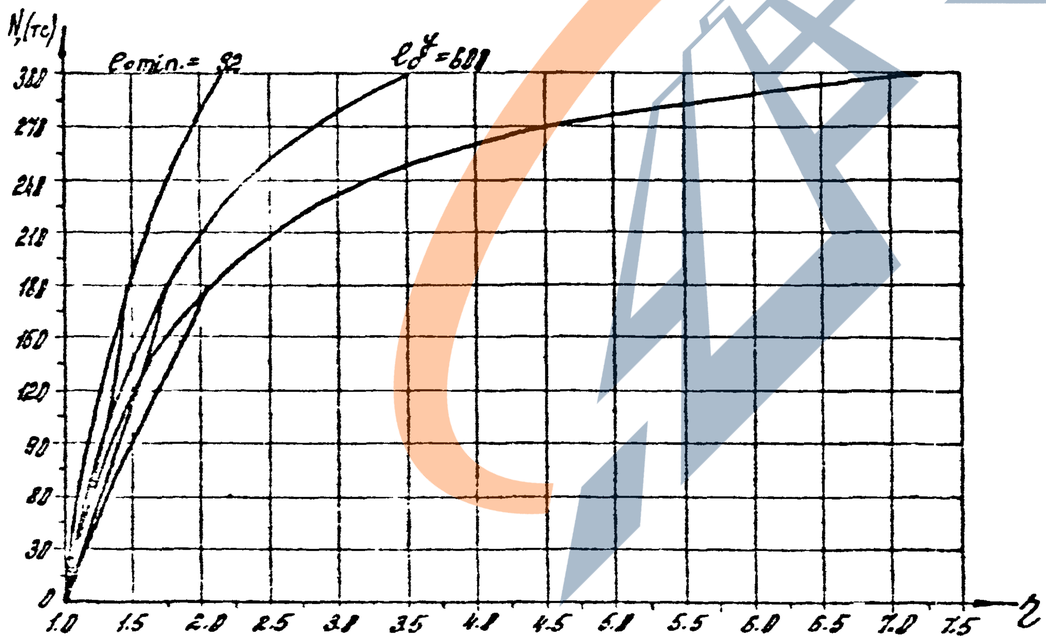
Вх. 32829 л. 136

Класс бетона В22,5 (Rв=11,9 кгс/см² при учете γв2=0,9)

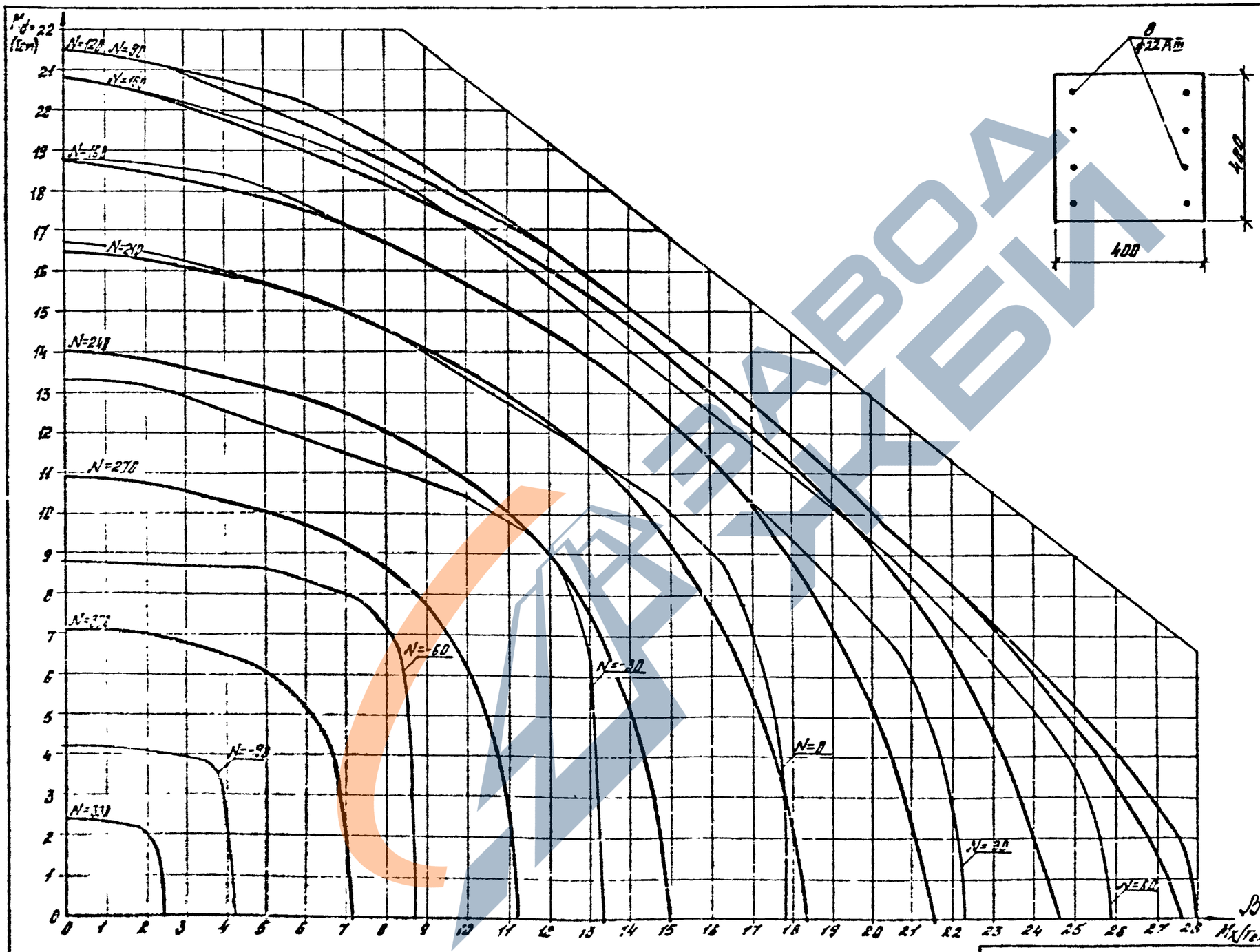
1.020-1/87.0-6-ЗП3

Лист 129


N,(тс)
$e_{o\,min.}$ = 92
l_o^x = 600
300
270
240
210
180
150
120
90
60
30
0
1.0 1.1 1.2 1.3 1.4 1.5 1.6 1.7 1.8 1.9 2.0 2.1 2.2 2.3 2.4 2.5 2.6 2.7 2.8 2.9 3.0
r


N,(тс)
$e_{o\,min.}$ = 92
l_o^y = 600
300
270
240
210
180
150
120
90
60
30
0
1.0 1.5 2.0 2.5 3.0 3.5 4.0 4.5 5.0 5.5 6.0 6.5 7.0 7.5
r

ЗАВОД ЖБИ

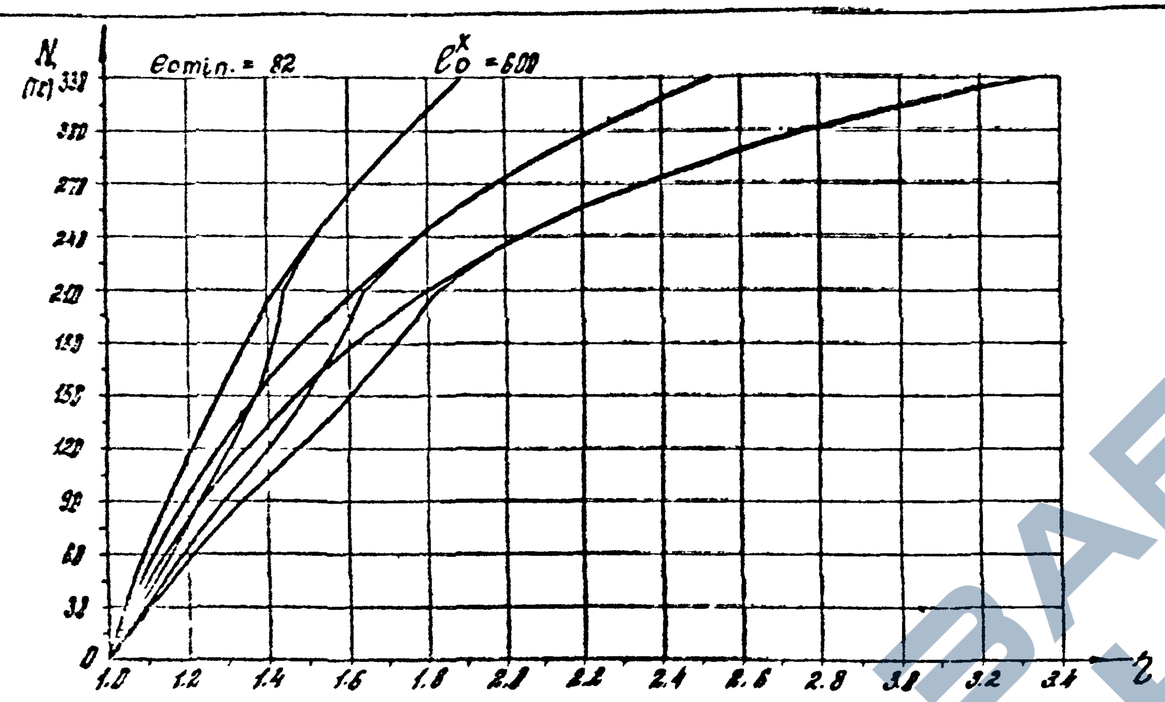


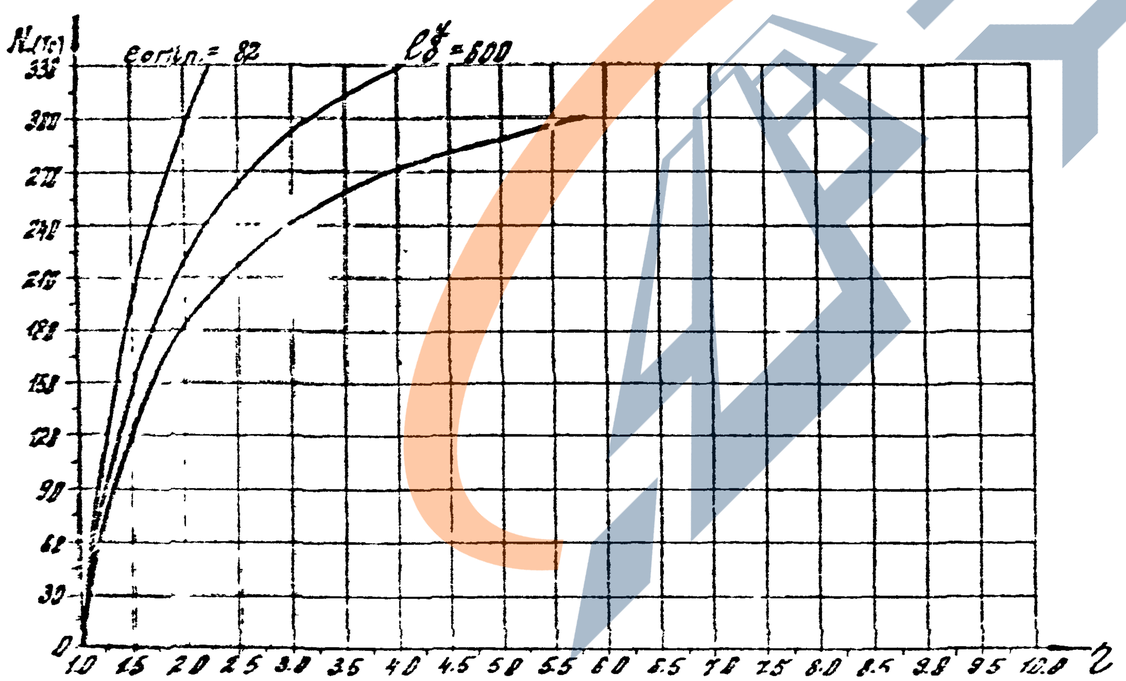
Вх. 32829 л. 13

Класс бетона В22,5 (R_B=145,7кгс/см² при $\gamma_{bi}=\gamma_{b2}$=1,10)

1.020-1/87.0-6-ЗП.3

Лист 131

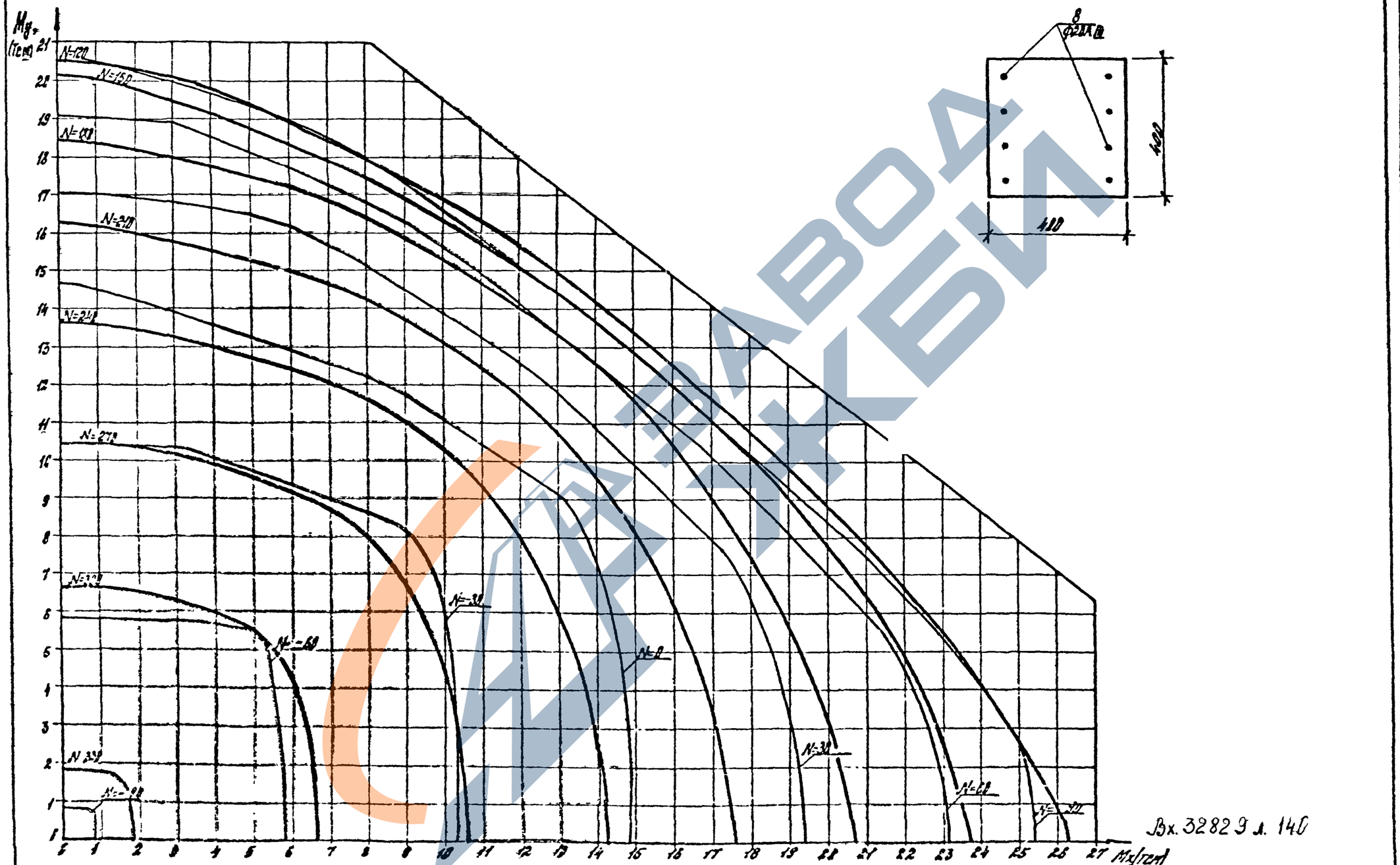




Вх. 32829 л. 139

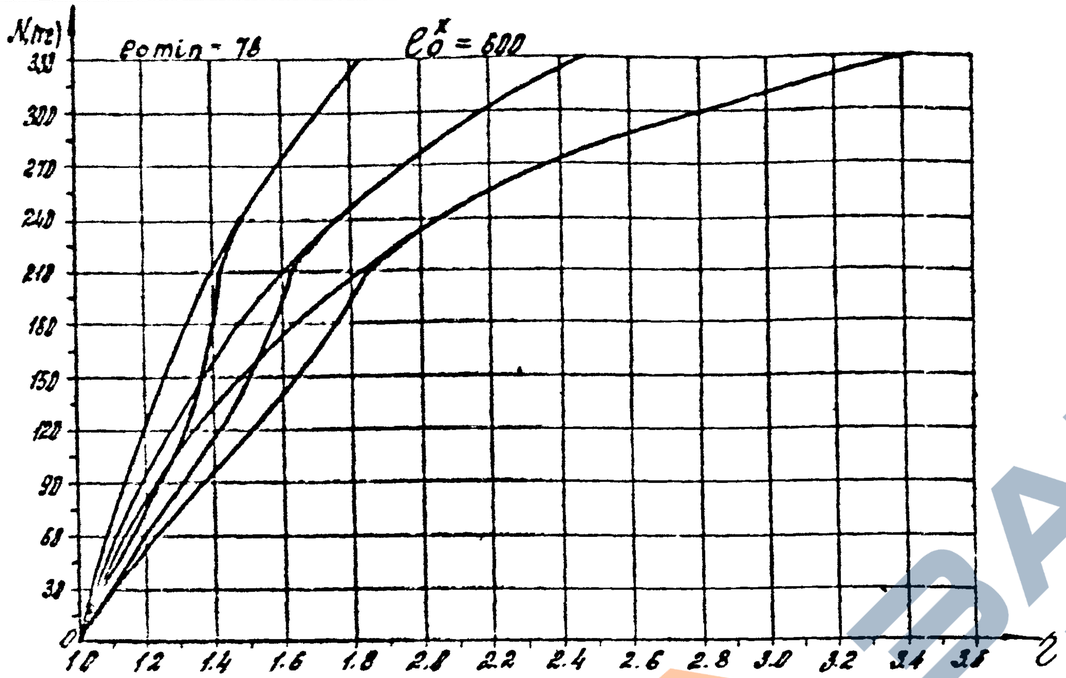
1.020-1/87. 0-6- 3ПЗ

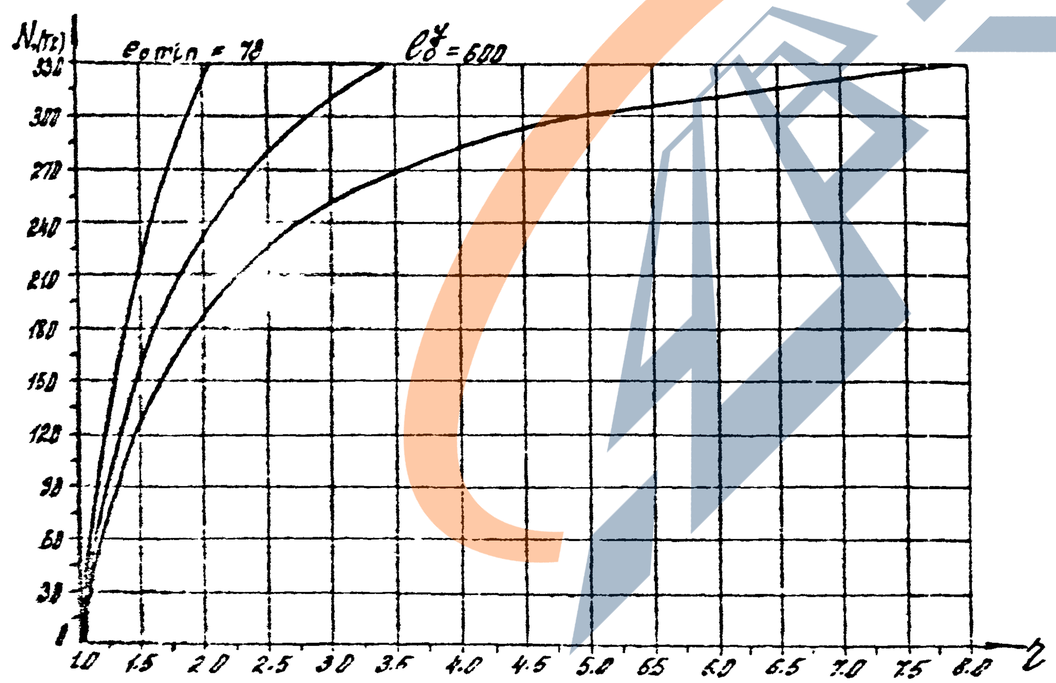
Лист 132



Вх. 32823 л. 140

Класс бетона В30 (Rв = 155 кгс/см² при γв2 = 0,9)





Вх. 3282 ∫ л. 141

1.020-1/87. 0-6-3ПЗ

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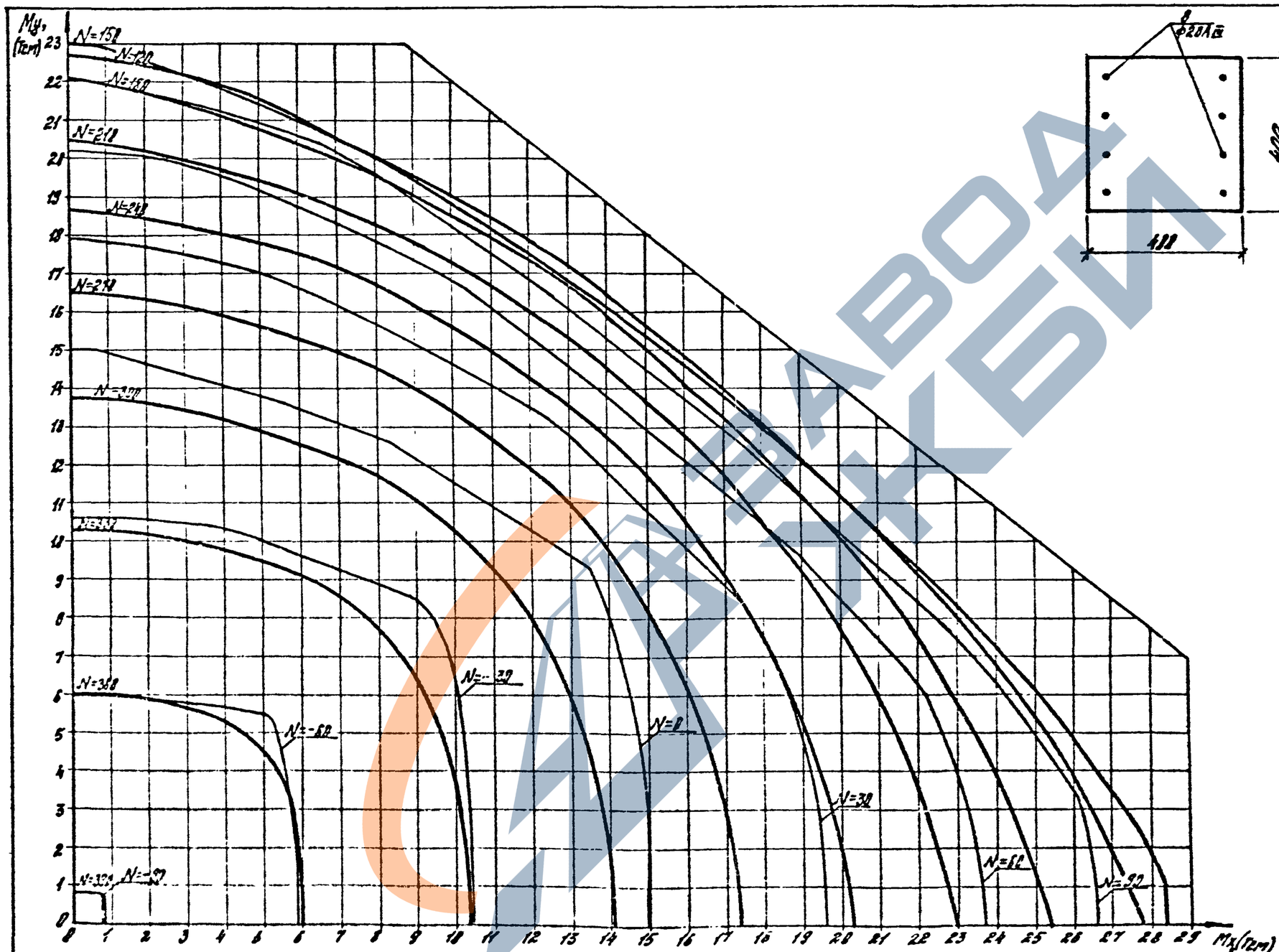
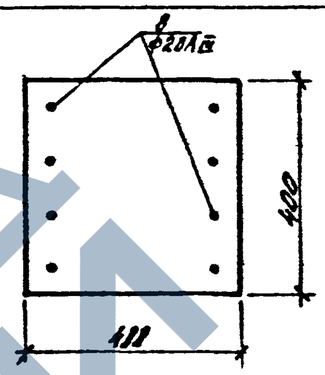




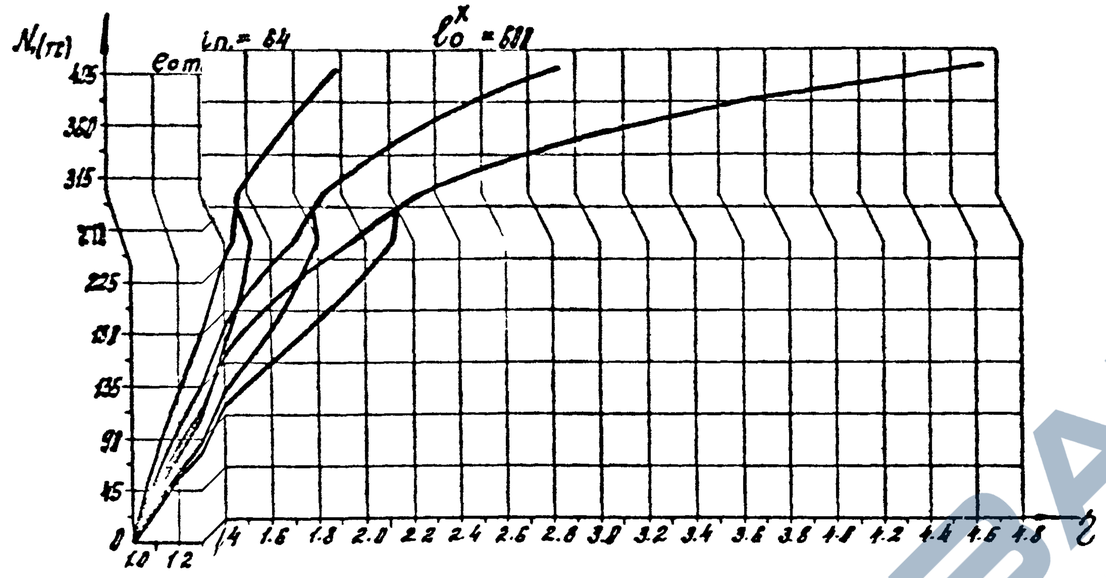
ЗАВОД ЖБИ

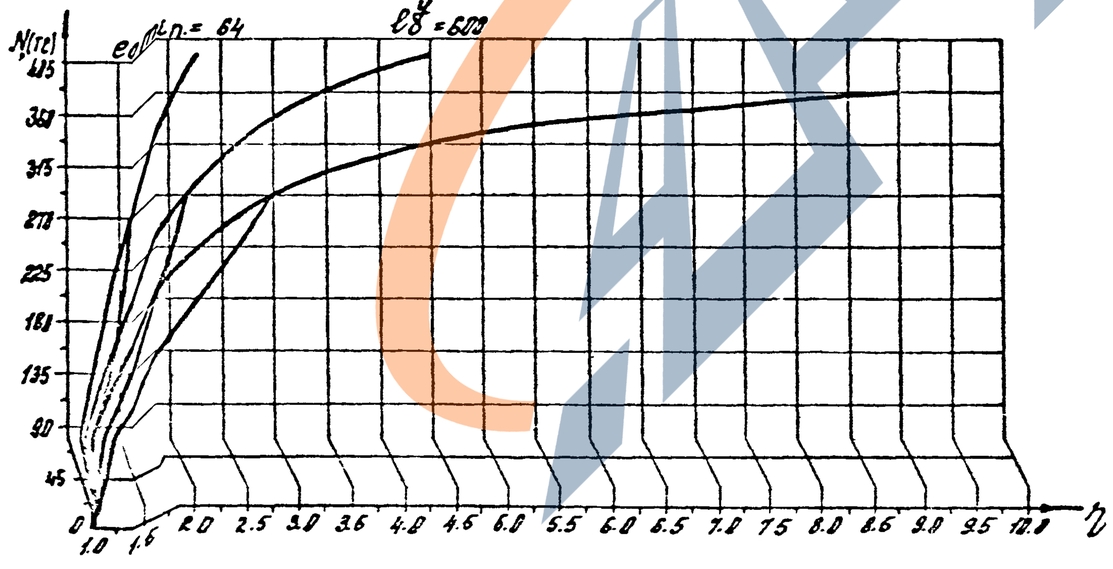
Класс бетона В30 (R_B = 190.3 кгс/см² при учете γ_{b2} = 1.10)

Вх. 32829 л. 142

1.020-1/87. 0-6 - 3 ПЗ

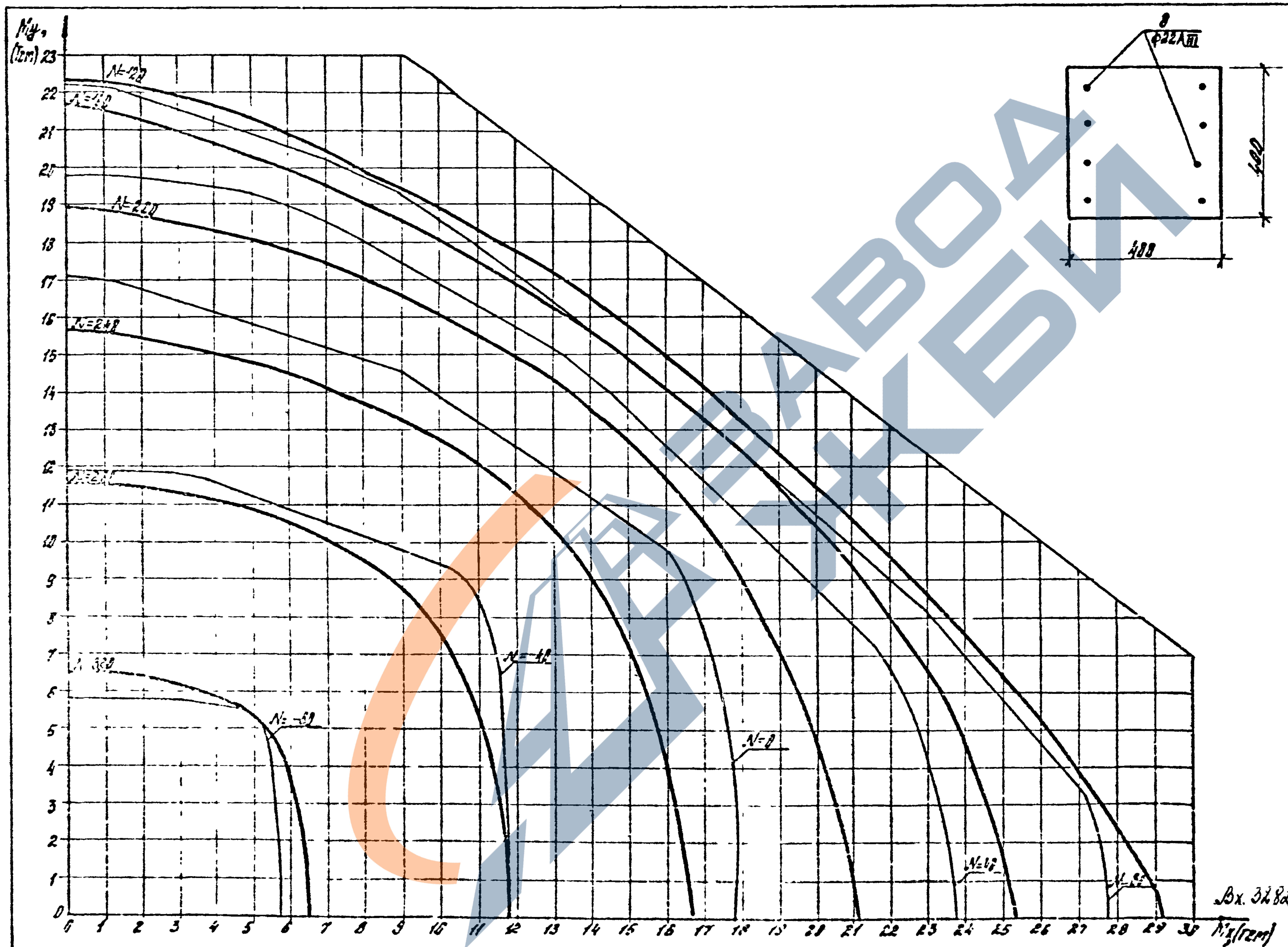
Лист 135





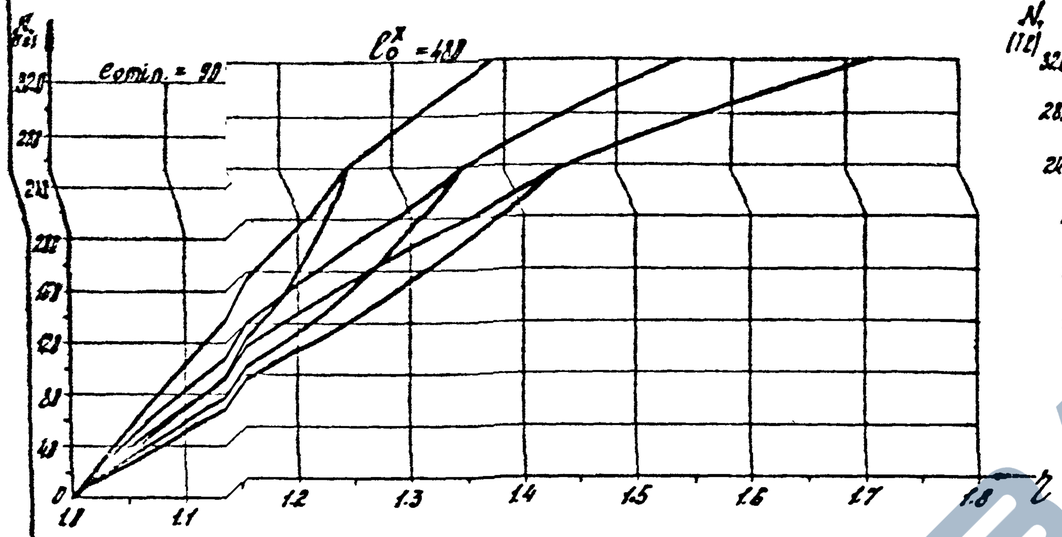
Вх. 32829 л. 143

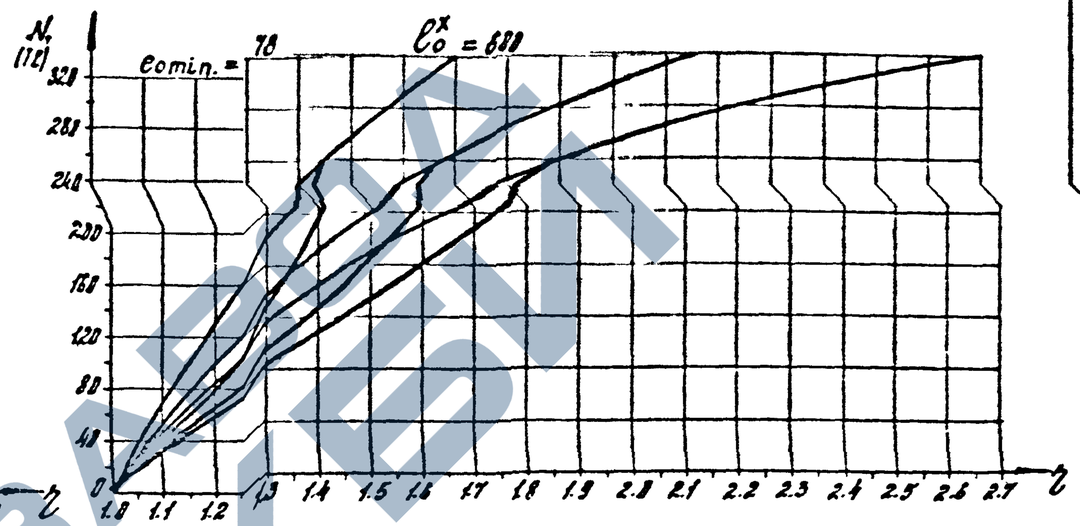
1.020-1/87. 0-6 - 3 ПЗ	Лист 136

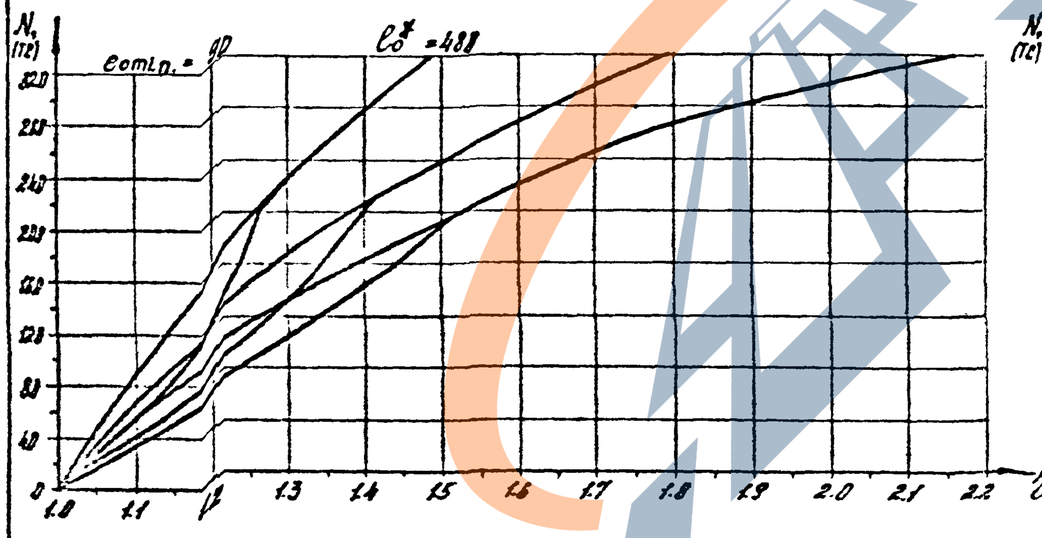


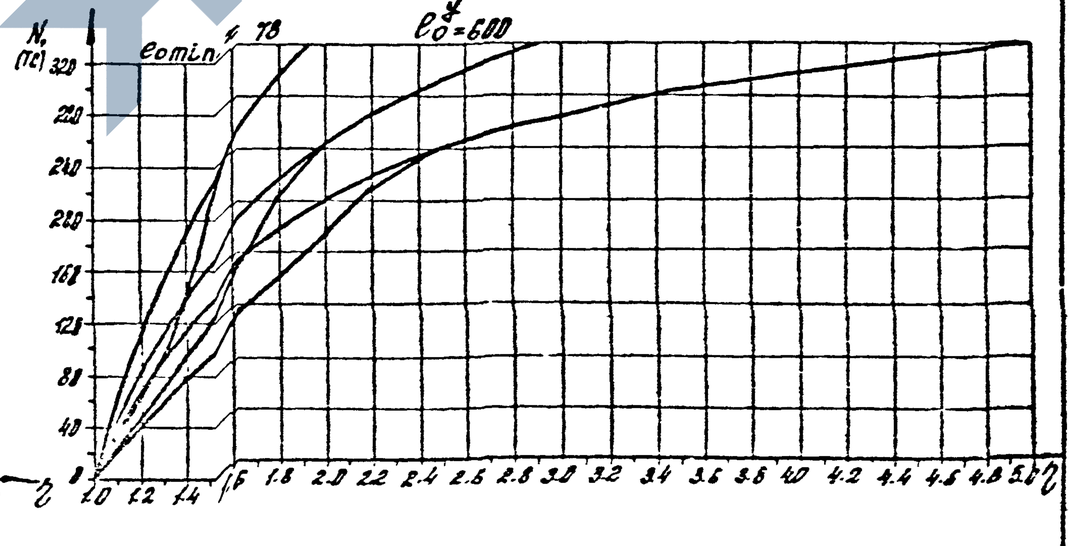
Вх. 32829 л. 144

Класс бетона В30 (Rb = 155,7 кгс/см² при учете γ_{b2} = 0,9)





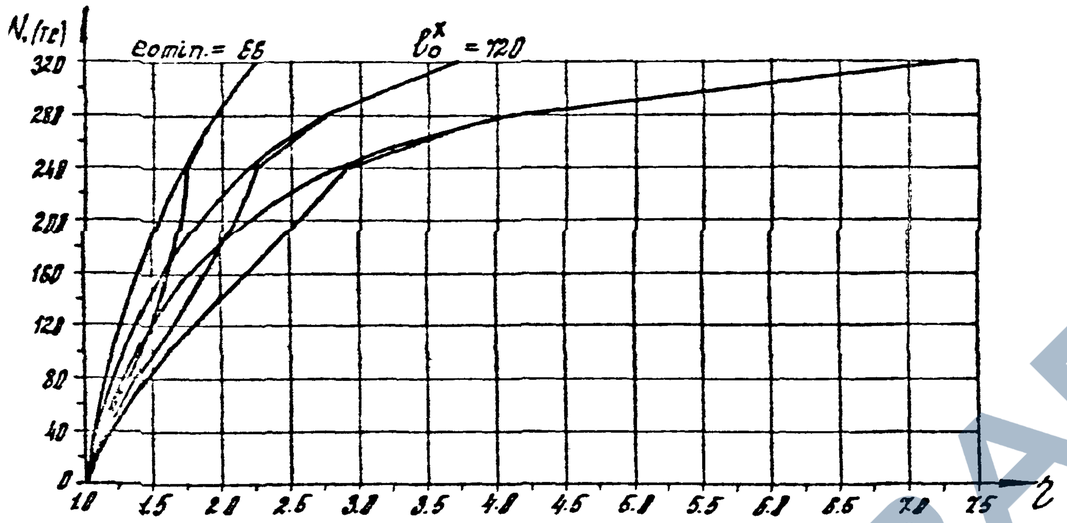


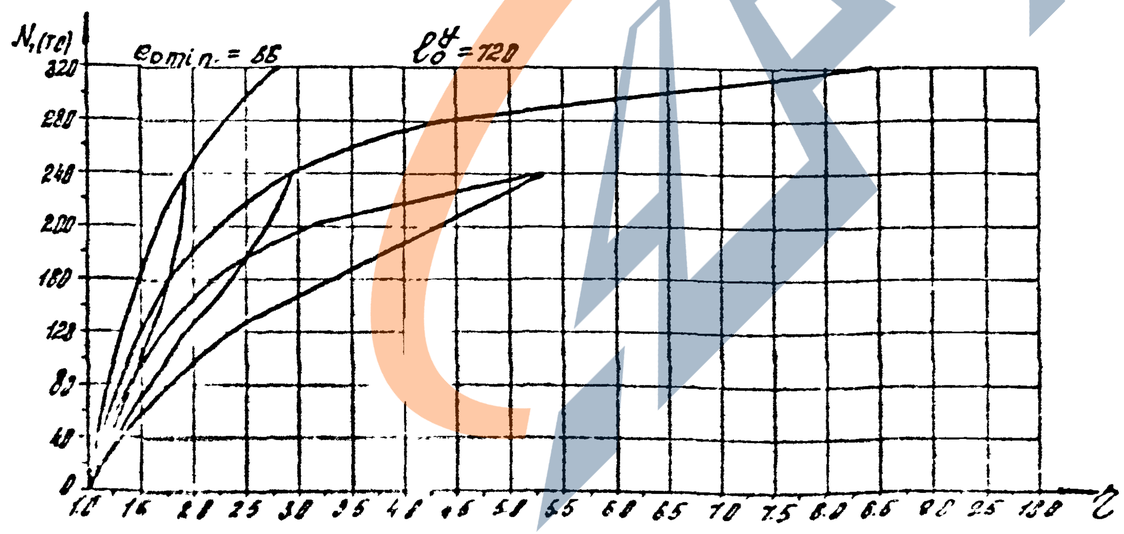


Шх. 32823 л. 145

1.020-1/87. 0-6- ЗПЗ

Лист 138

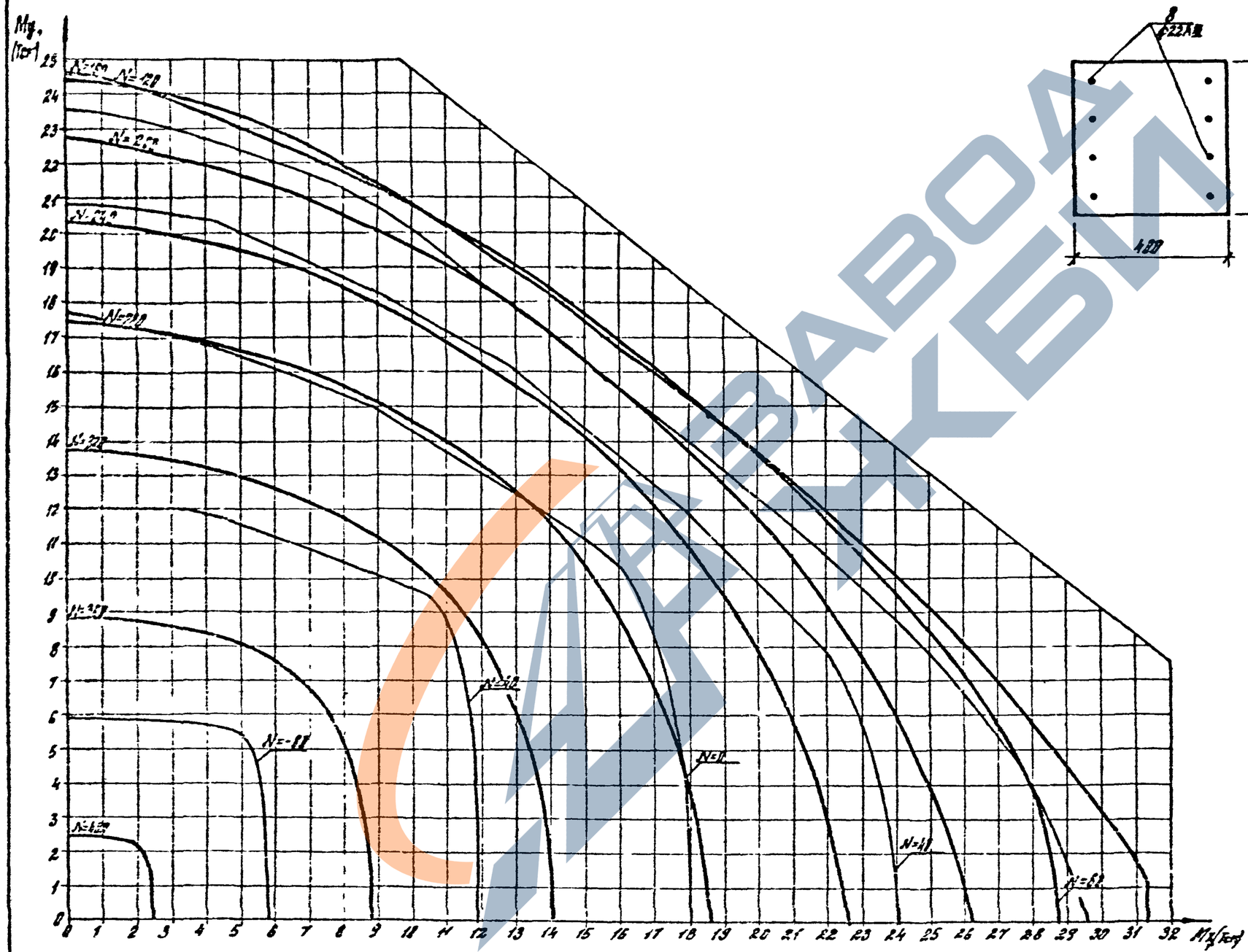




Вх. 32829 л. 146

1.020-1/87. 0-6-3 ПЗ

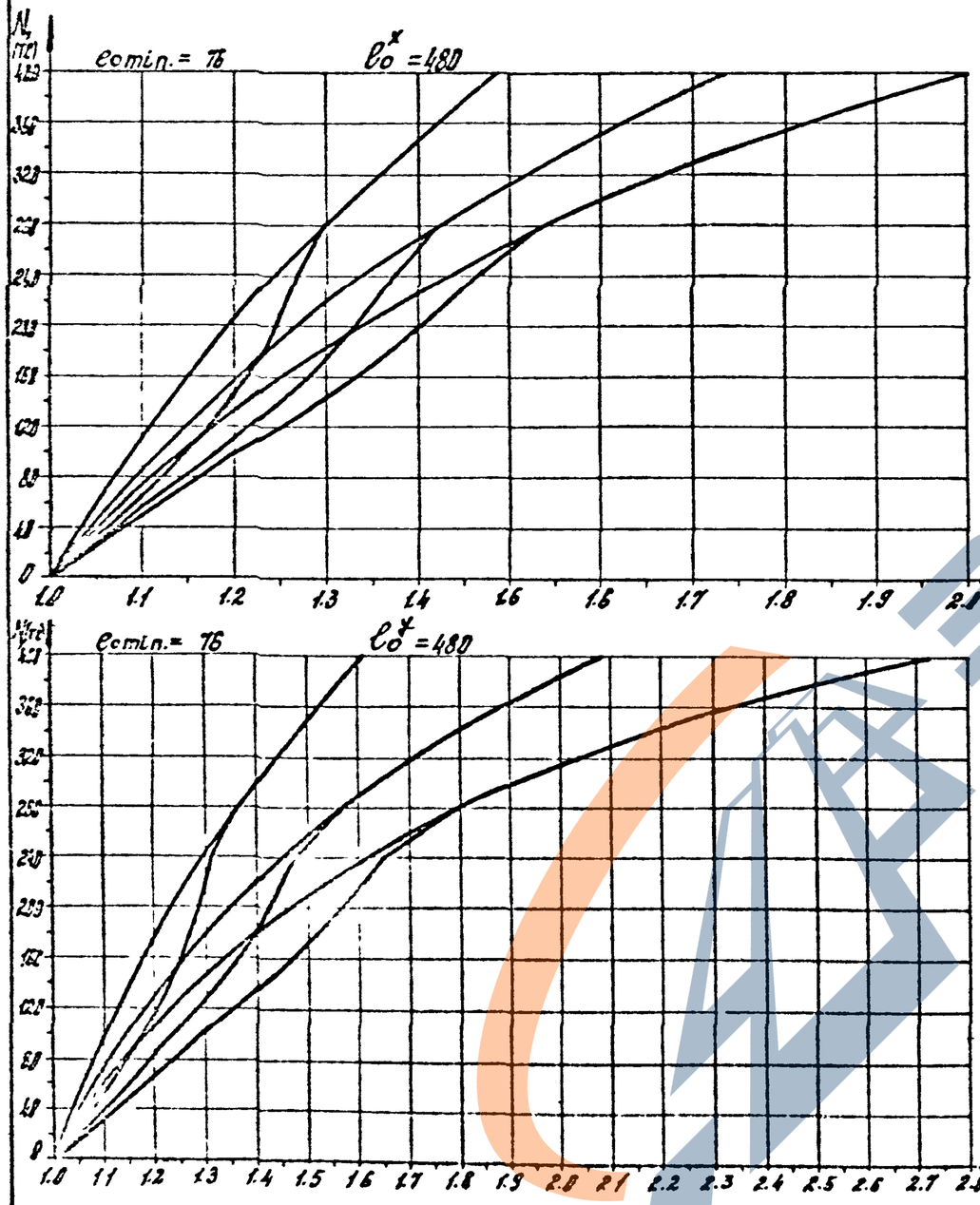
Лист 139

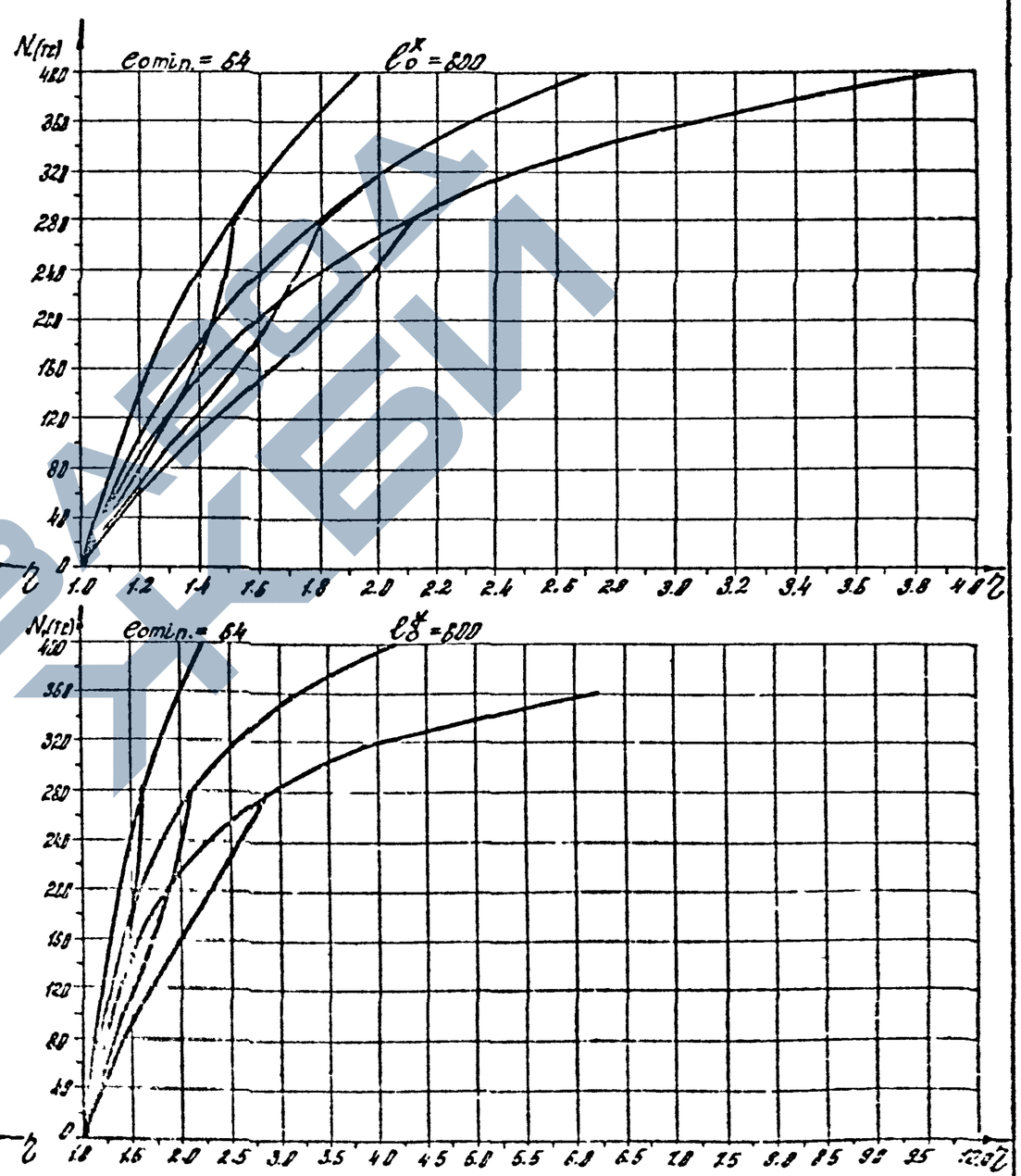


Вх. 32824 л. 147

Класс бетона 830 (Rв=190.3 кгс/см² при учете γв2=1.10)

1.020-1/87.0-6-ЗПЗ

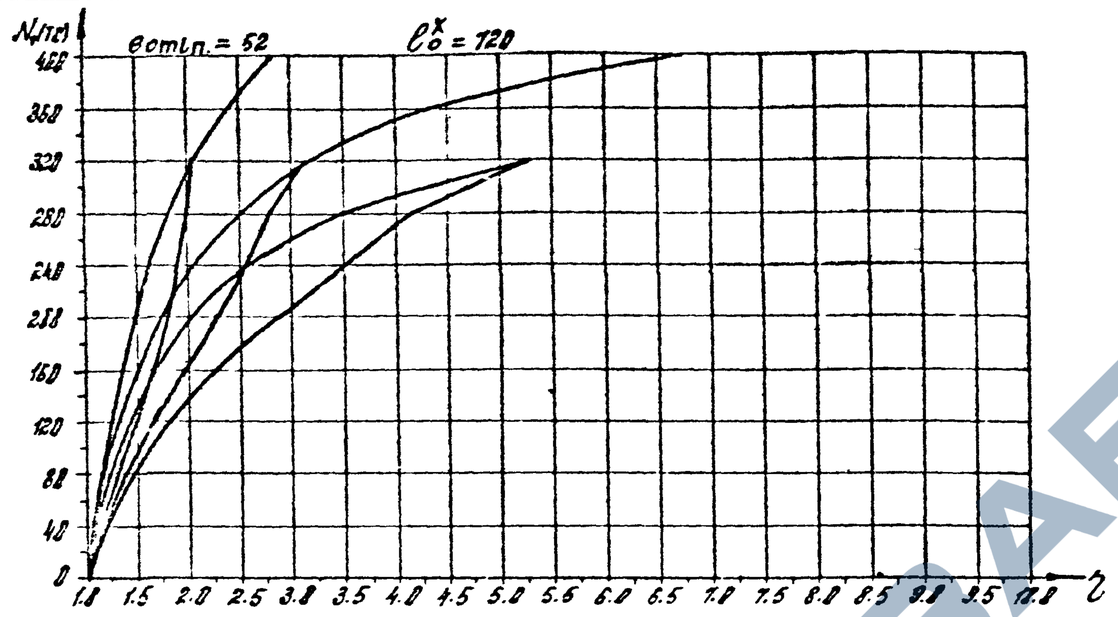


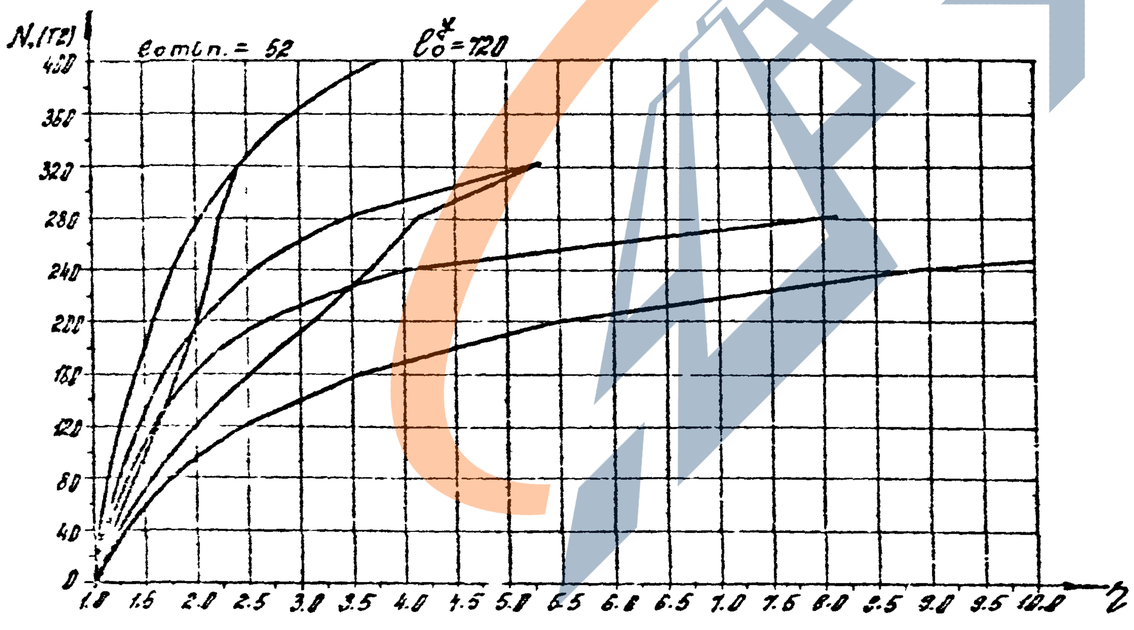


Вх. 32829 л. 148

1.020-1/87.0-6-3.13

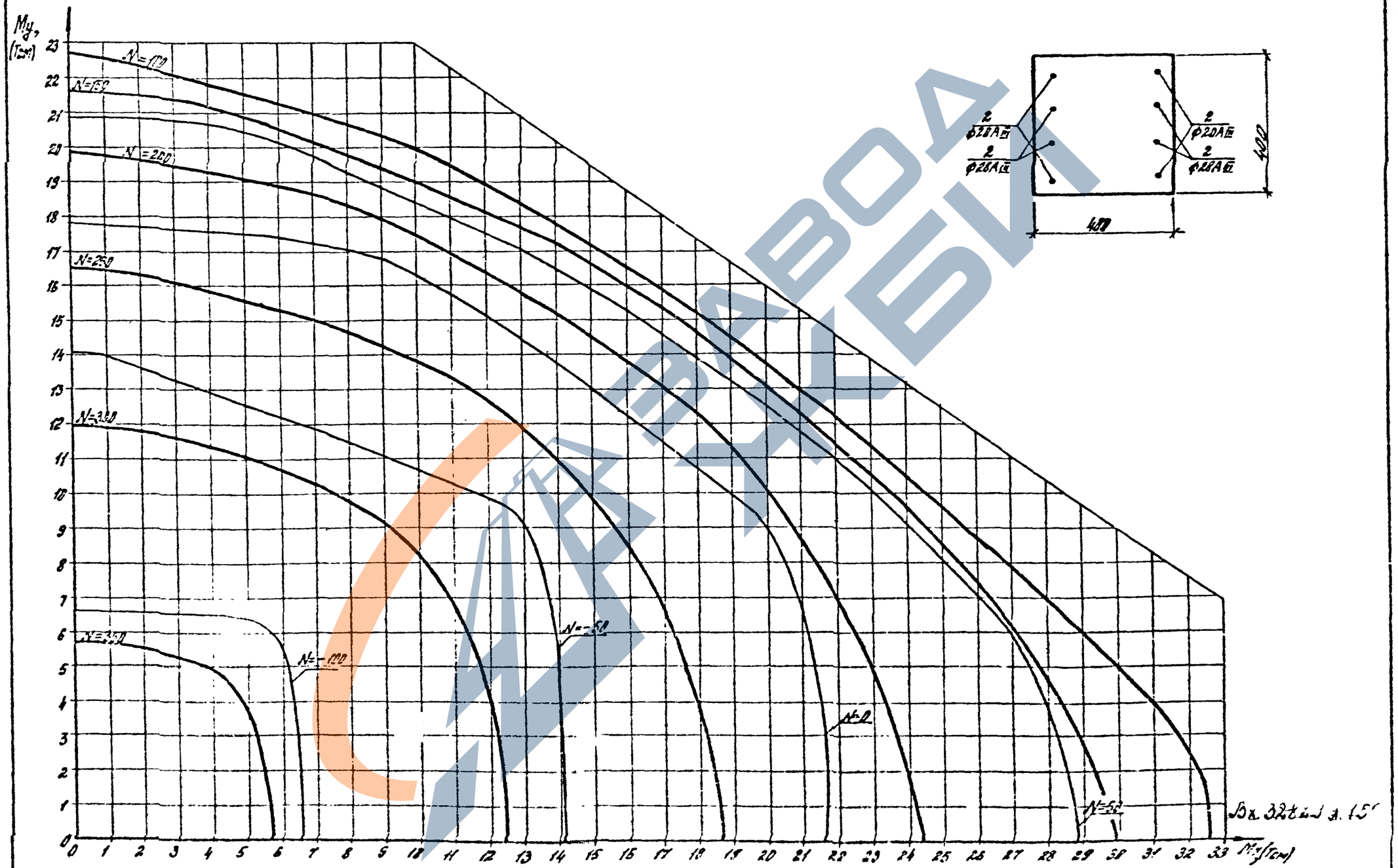
141





Вх. 2.4 л. 143

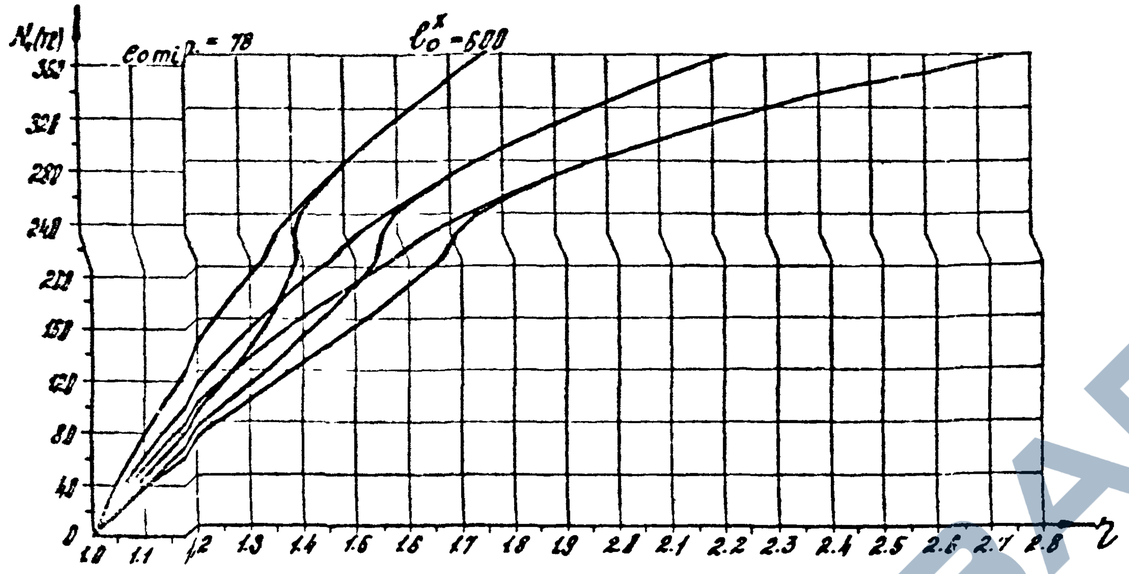
1.020-1/87. 0-6- 3ПЗ

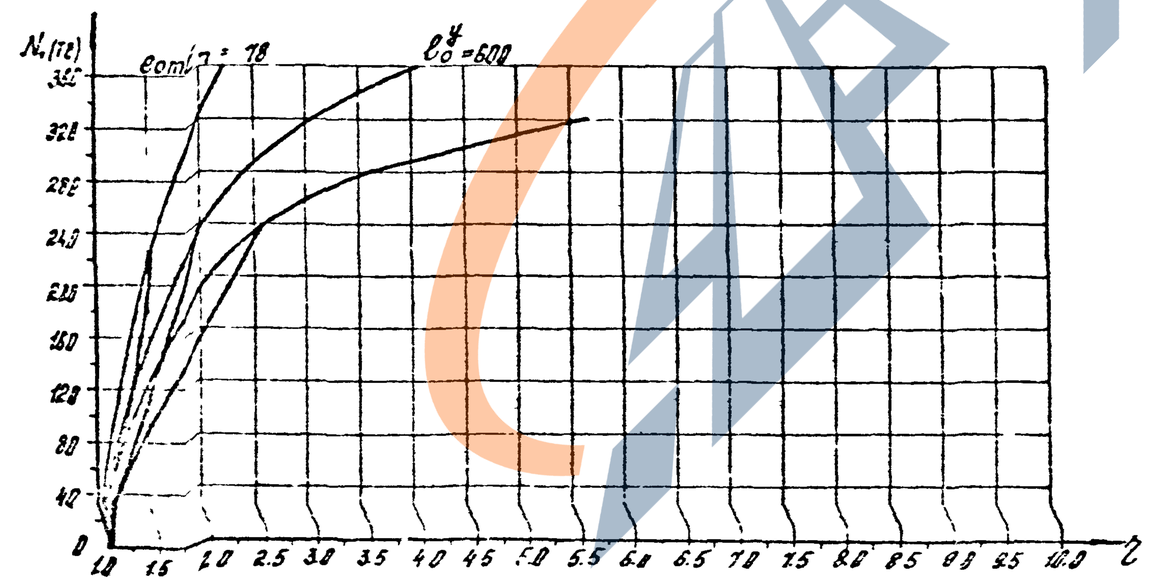


Класс бетона В30 (R_b=155,7кгс/см^2 при учете γ_{b2}=0,9)

1.020-1/87.0-6-ЗПЗ

Лист 143

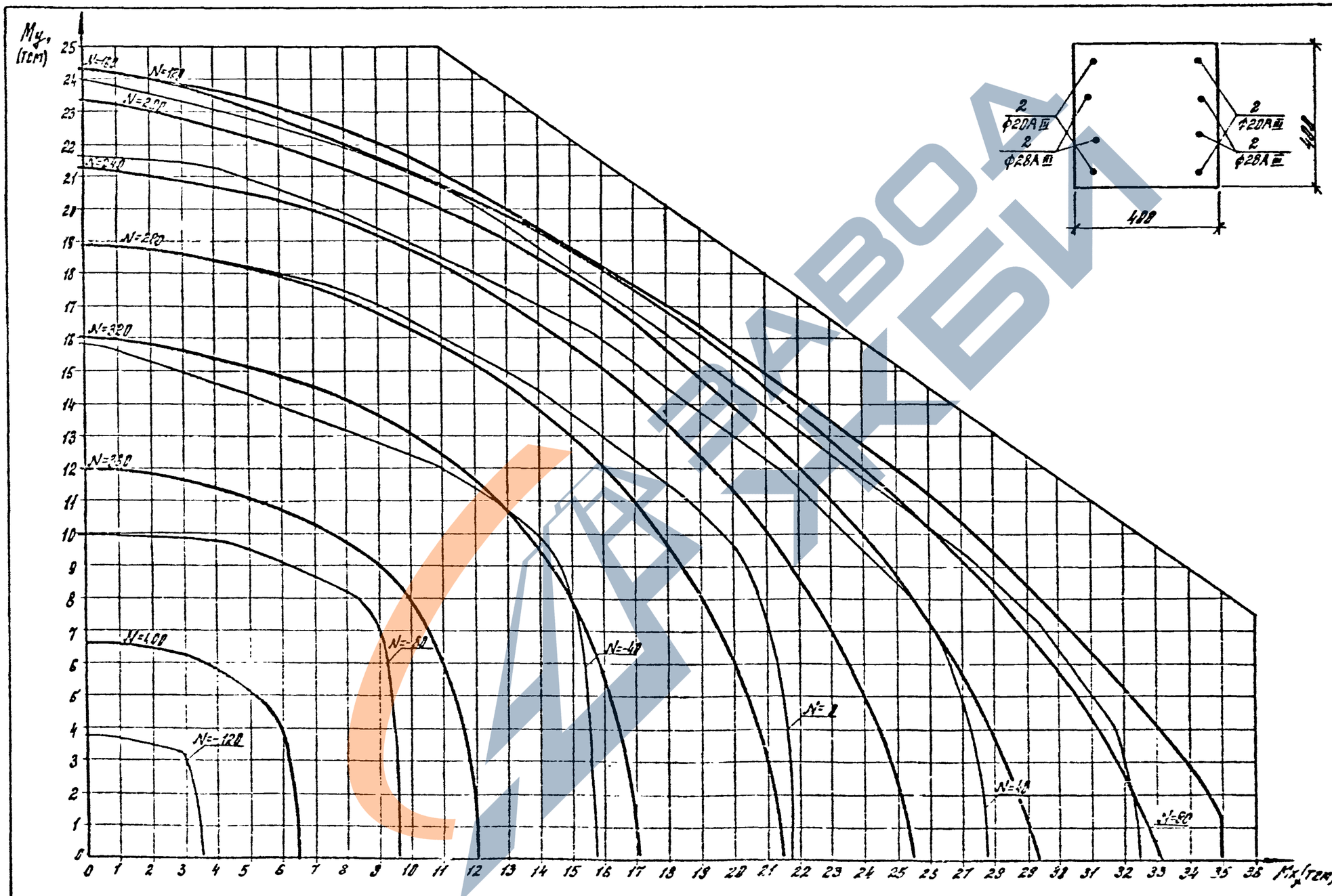




Вх. 3282 9 л. 151

1.020-1/87.0-6- 3 ПЗ

Лист 144

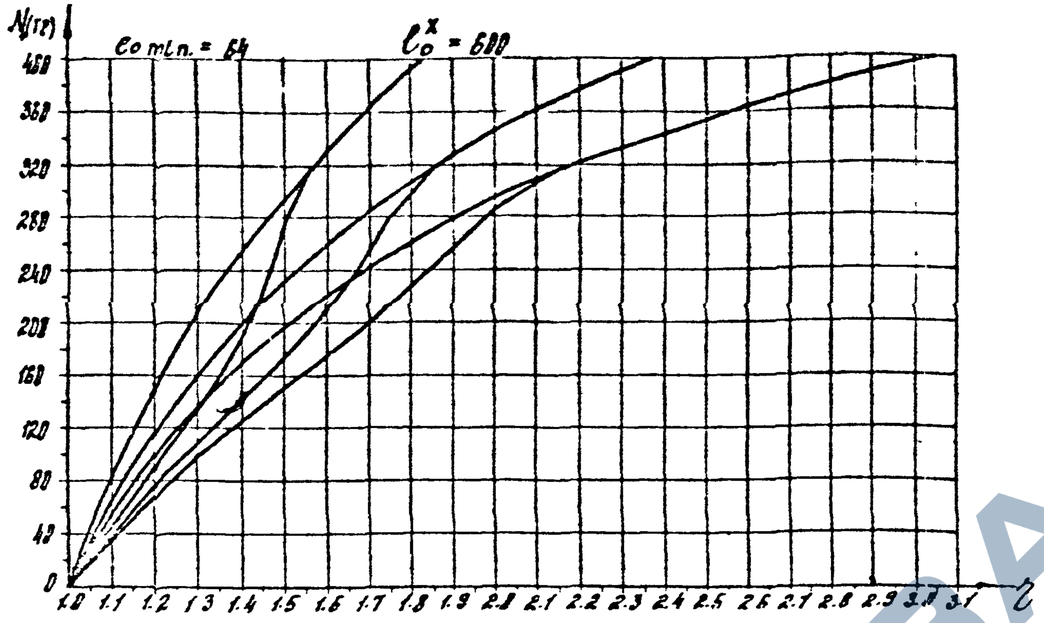


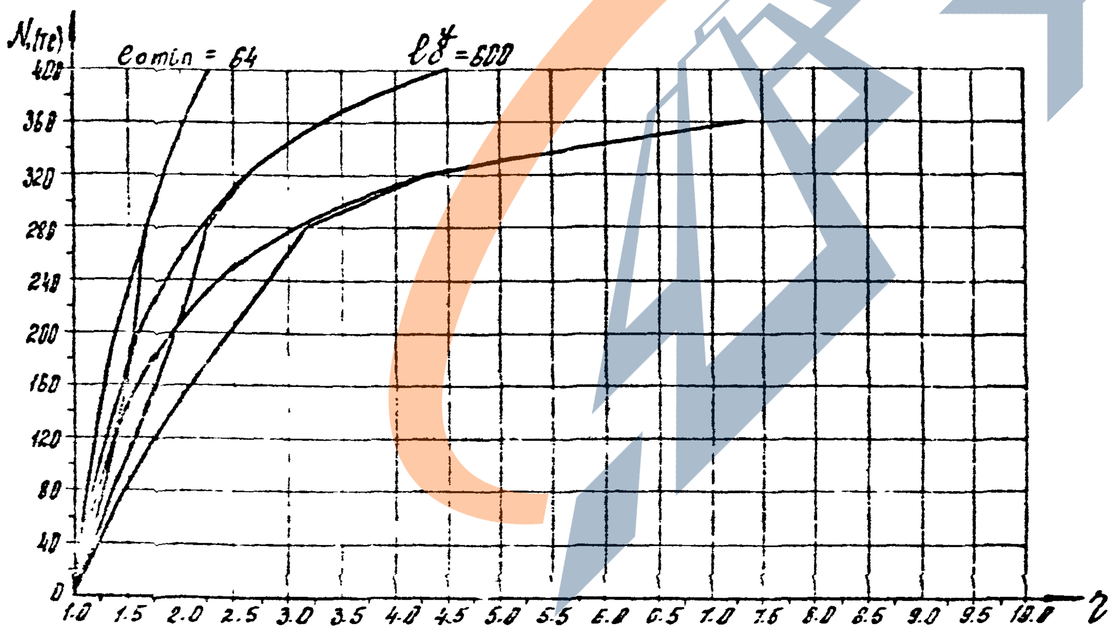
Класс бетона В30 (Rб = 190.3 кгс/см² при учете γb2 = 1.18)

Вх. 3282 9 л. 152

1.020-1/87. 0-6- 3 ПЗ

Лист 145





Вх. 35829 л. 153

1.020-1/87.0-6- 3 ТЗ

Альб. 146

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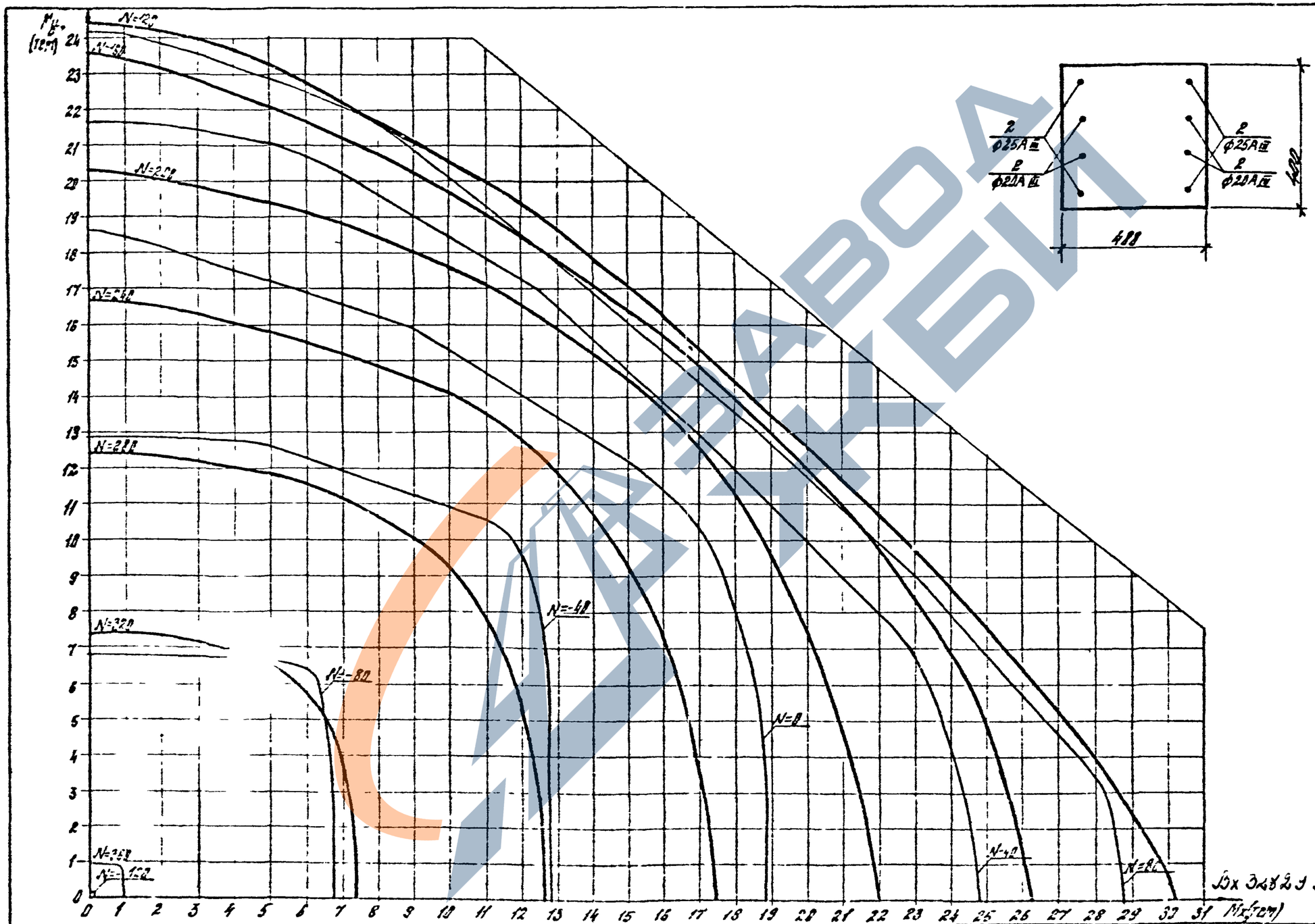
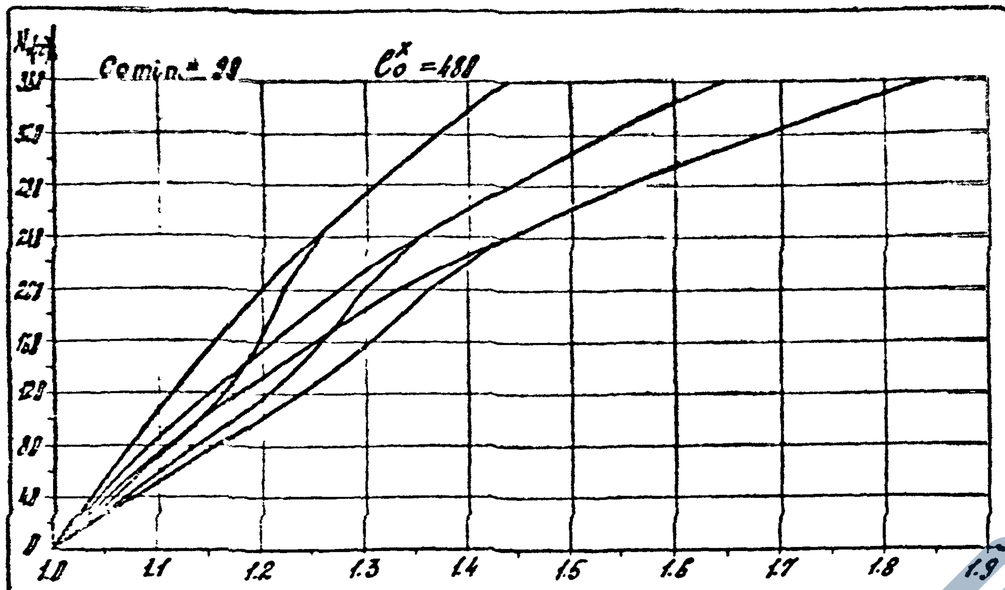
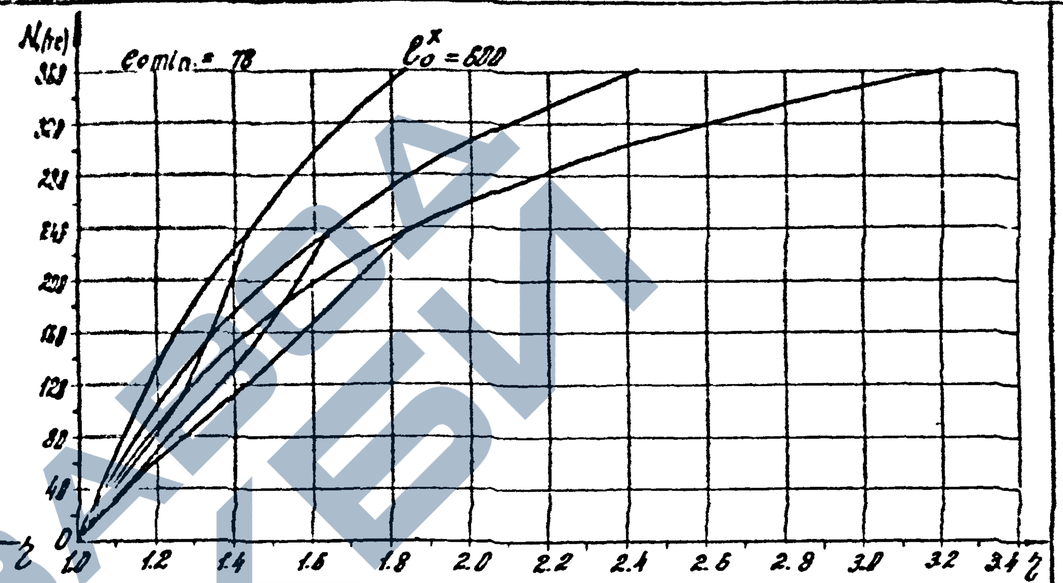
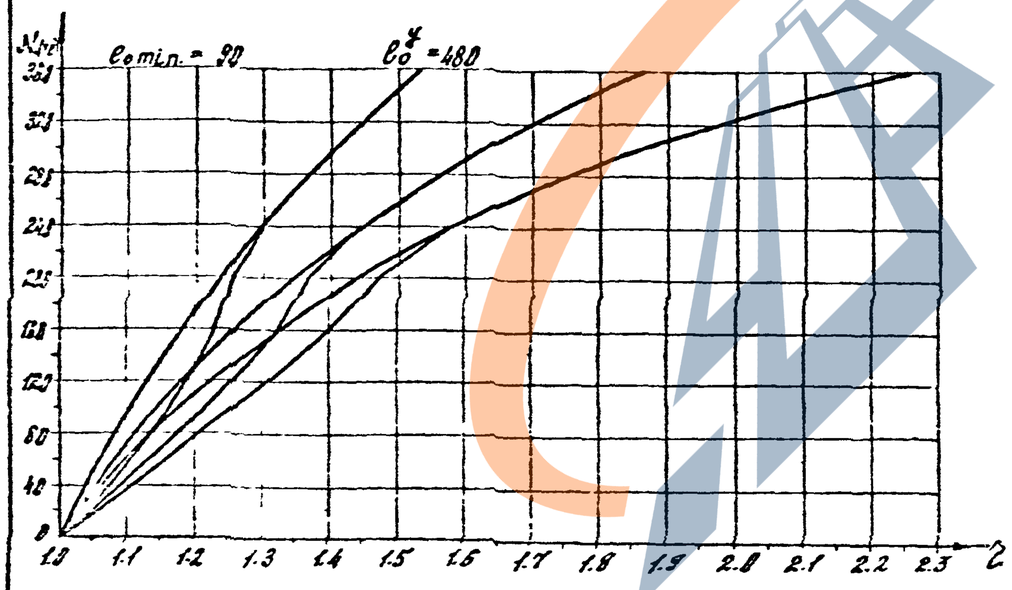


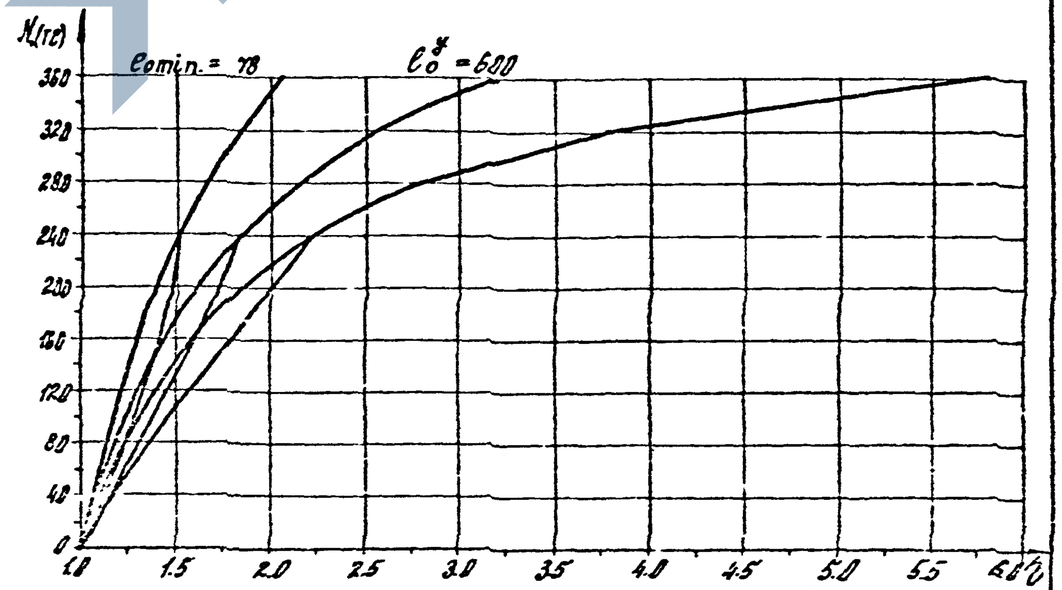
Класс бетона В30 (Rв = 155.7 кгс/см² при учете $f_{в2}$ = 0,9)

1.020-1/87. 0-6- 3 113

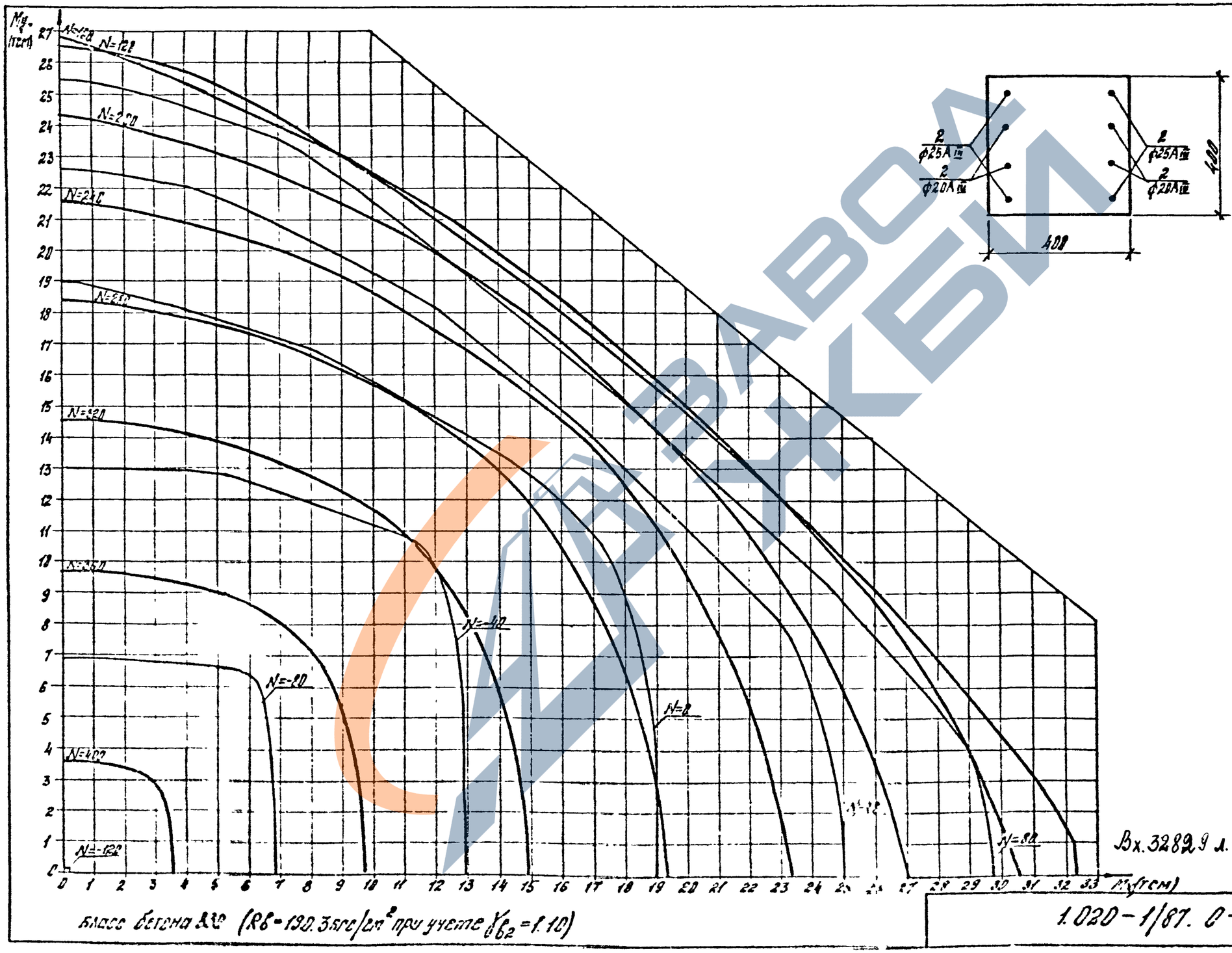






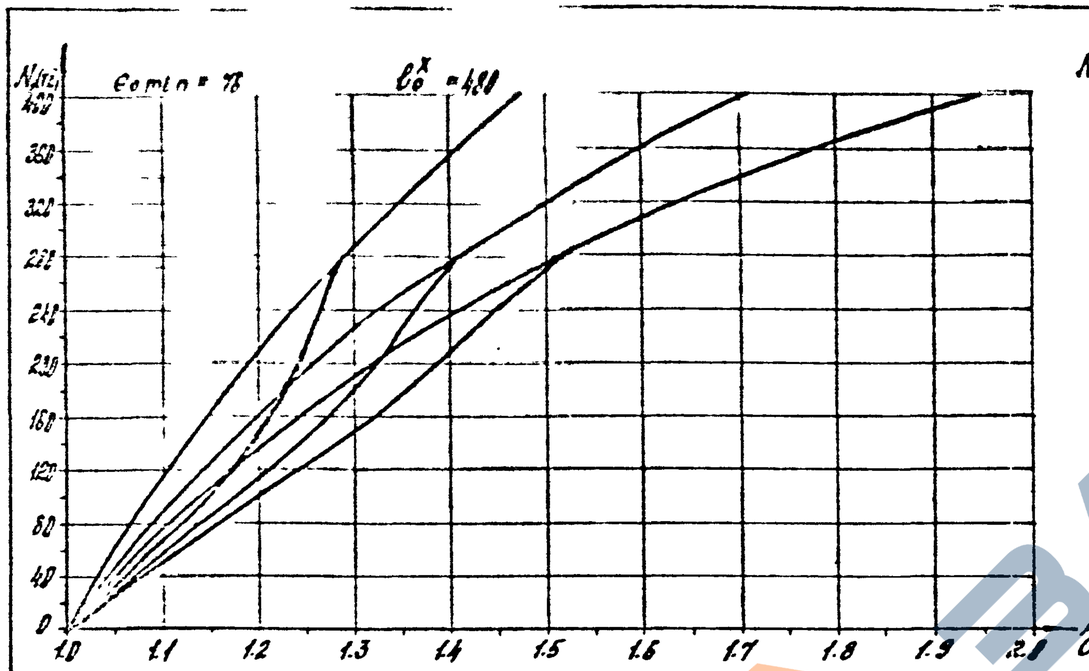


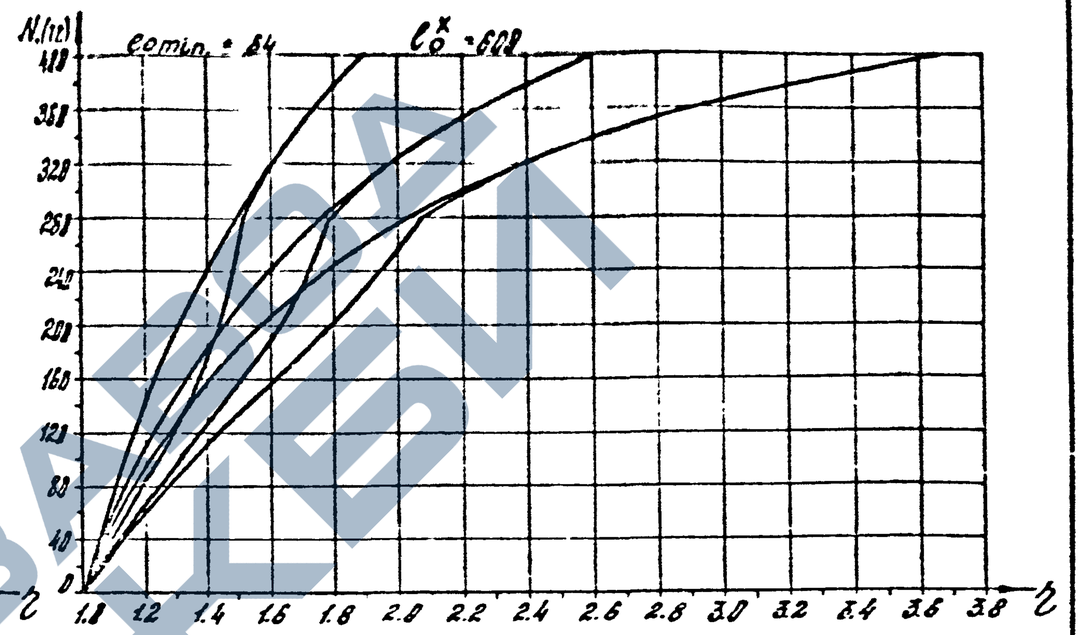
Вх. 32829 л. 155

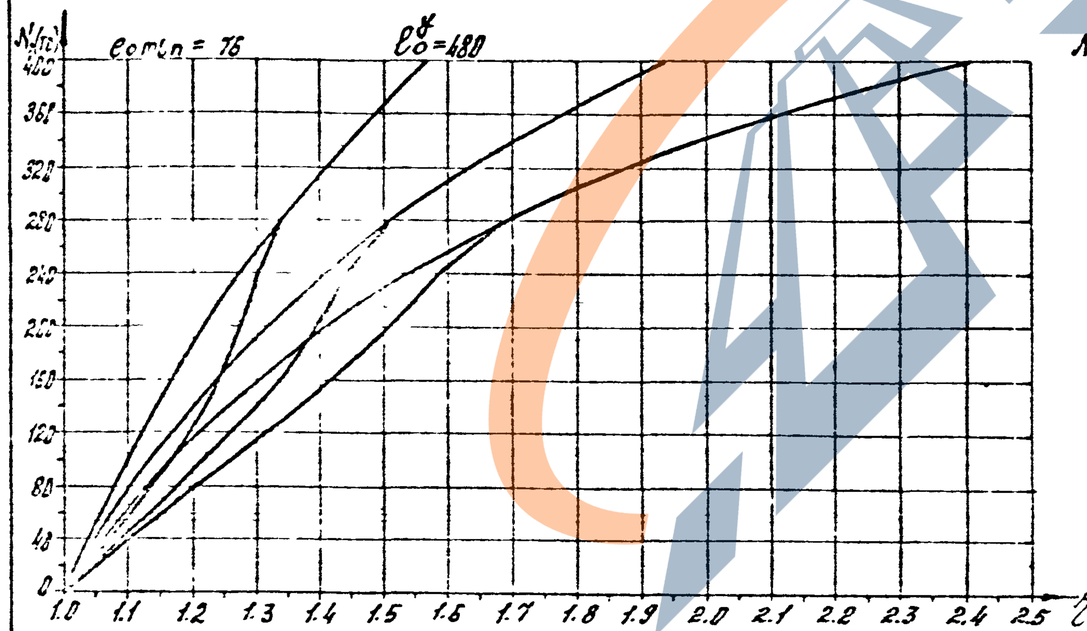


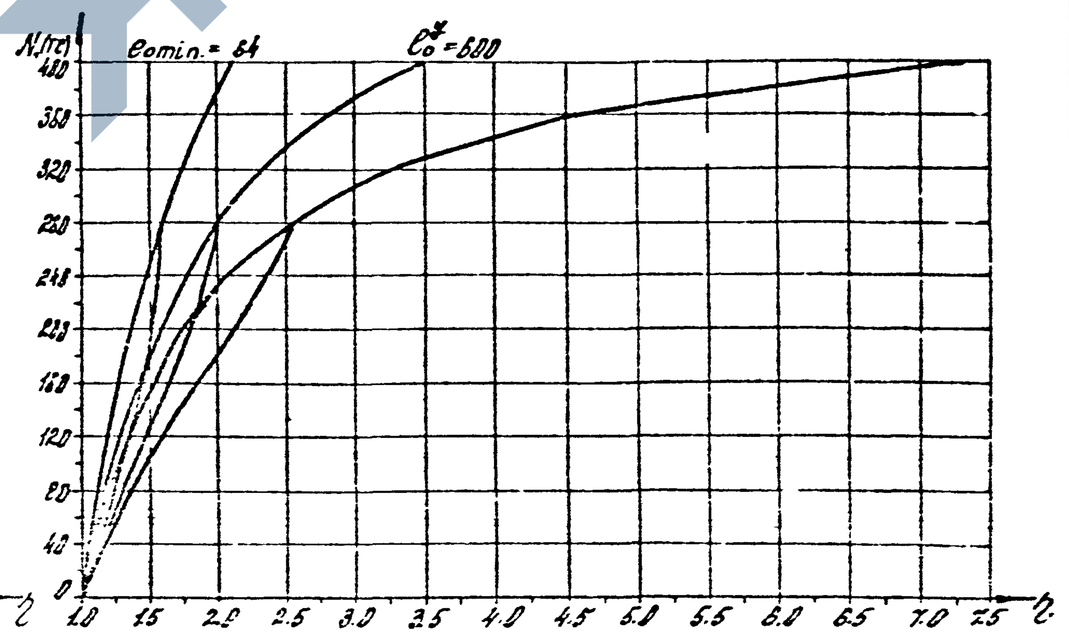
Вх.32829 л.156

Класс бетона В30 (Rb=190.3кгс/см² при учете γ_{b2}=1.10)









Вх. 32829 л. 157

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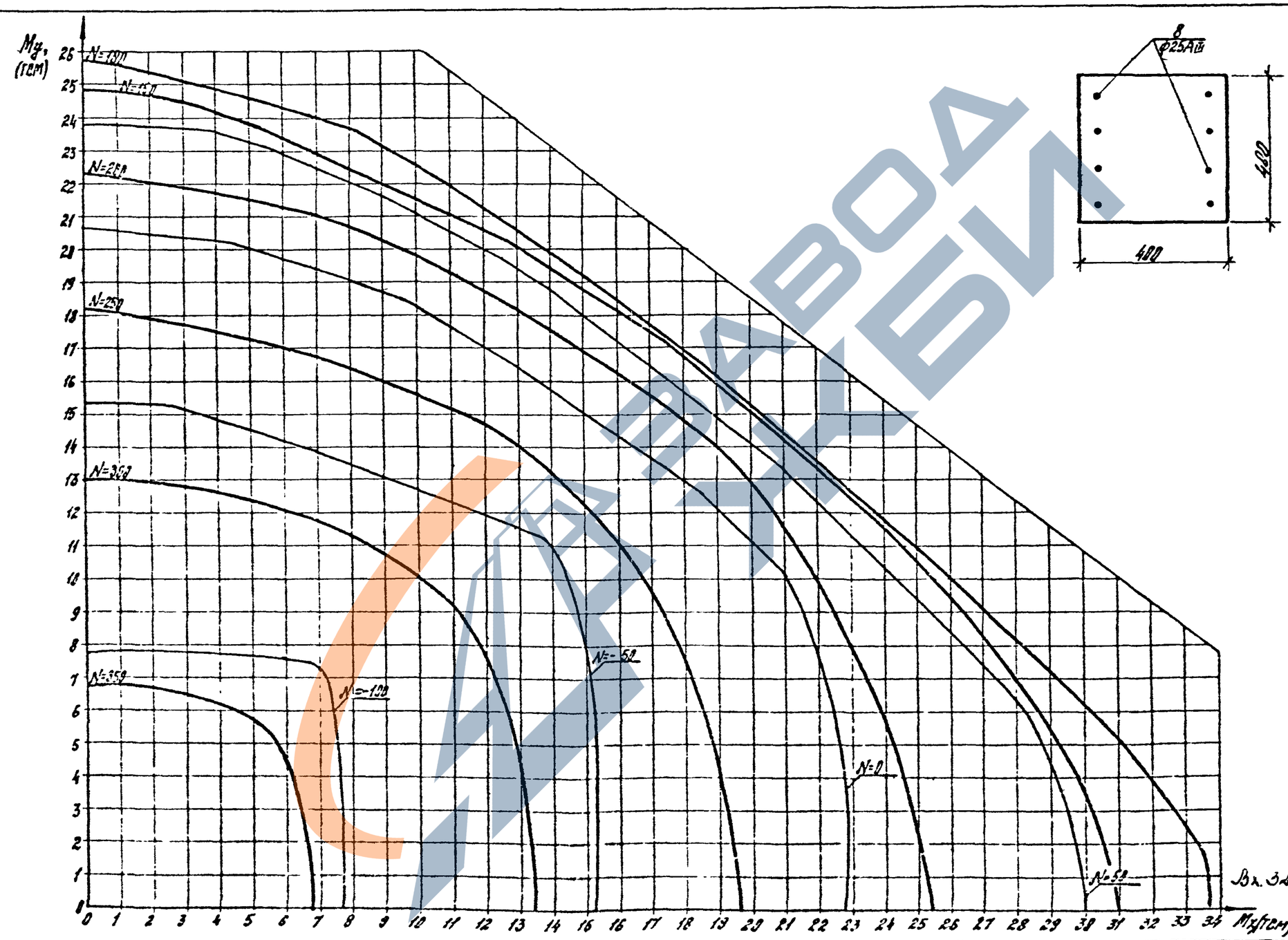
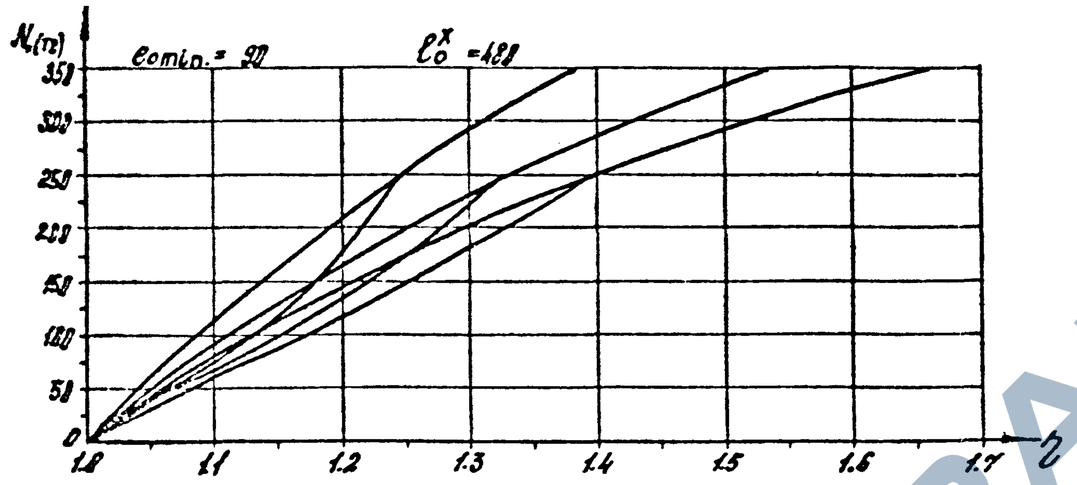
Лист 150

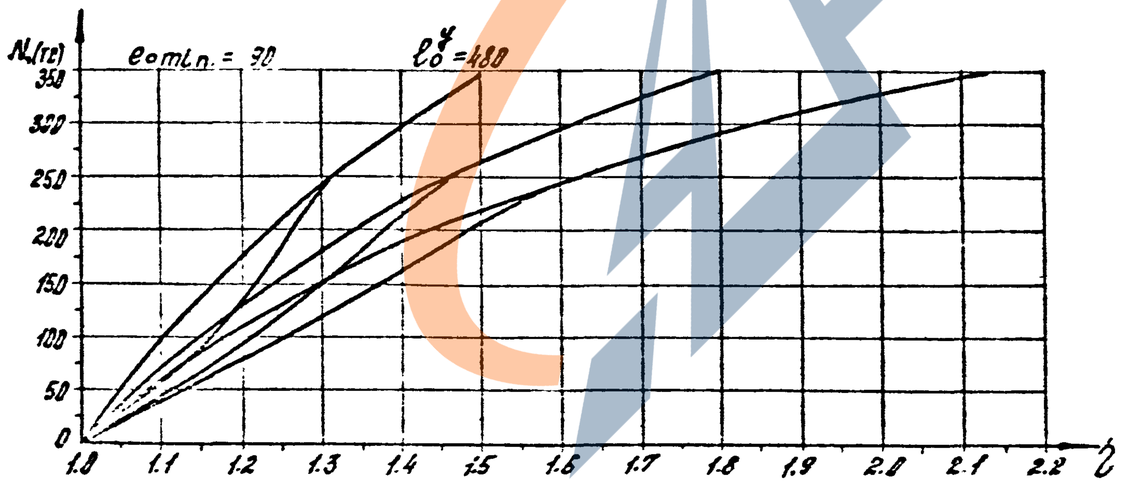


Вх. 348 к У л. 15х

Класс бетона В30 (Rв=155.7кгс/см² при учете γв2=90)

1.020 – 1/87. П-6- 3ПЗ





Вх. 32829 л. 159

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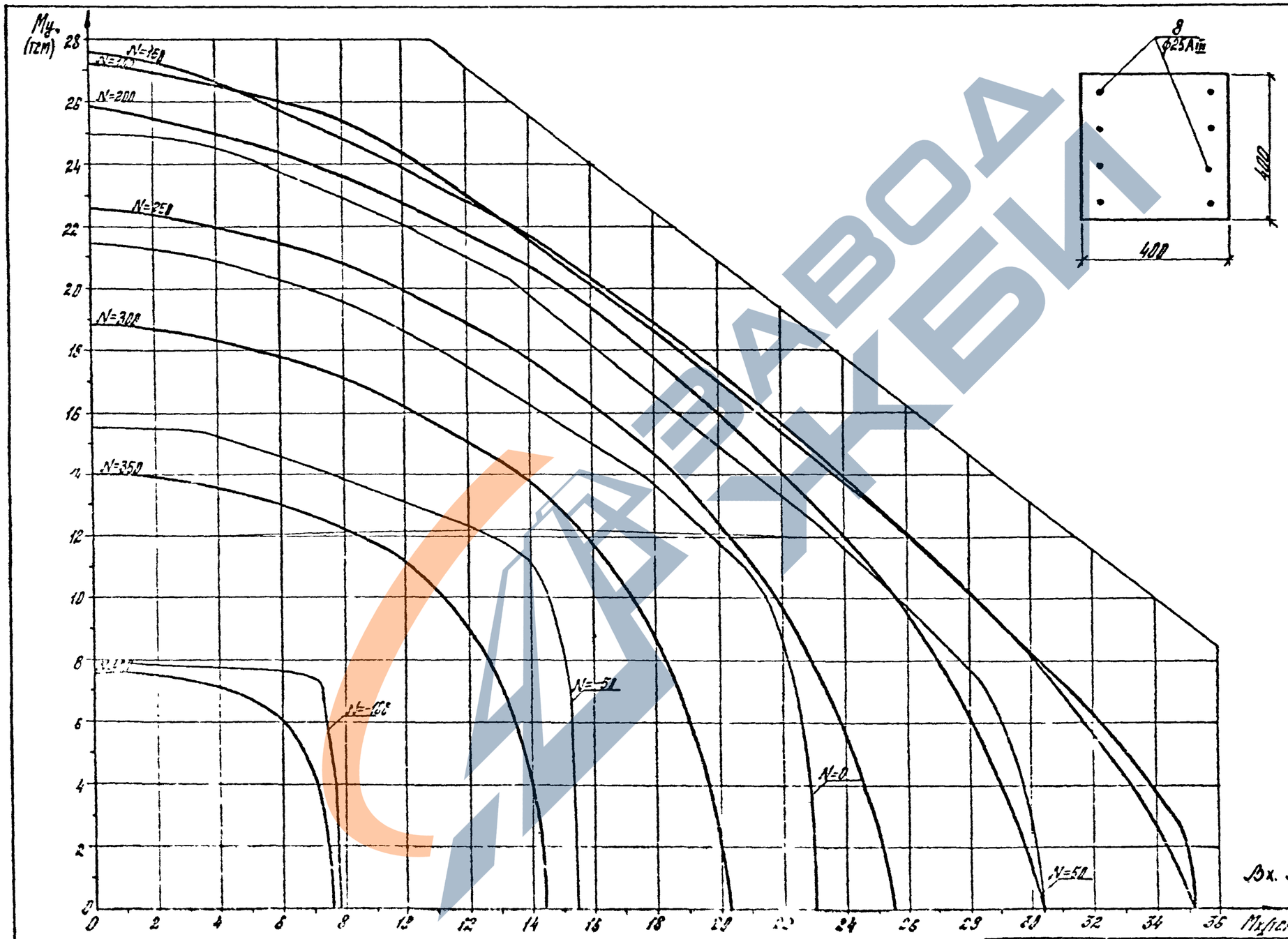
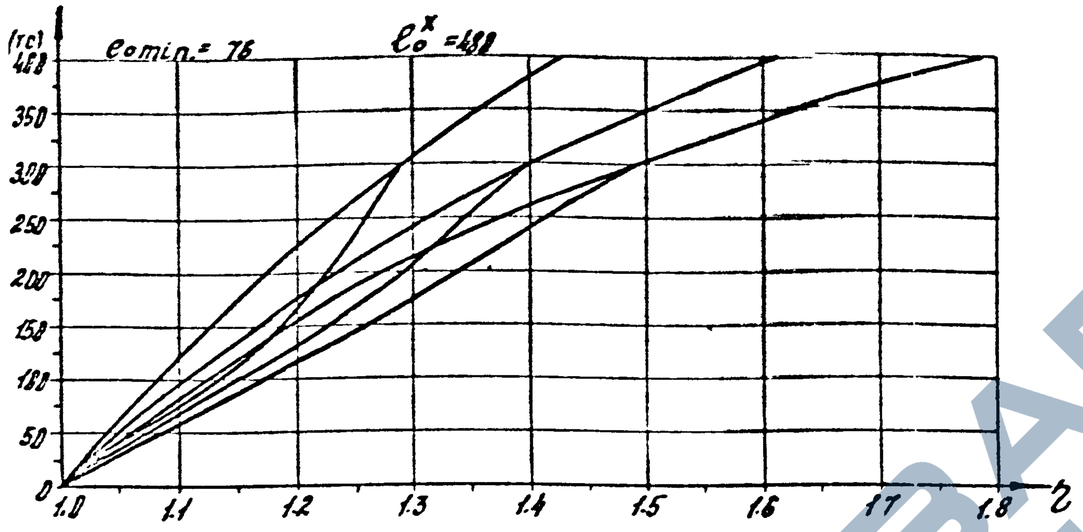
Альбом 152

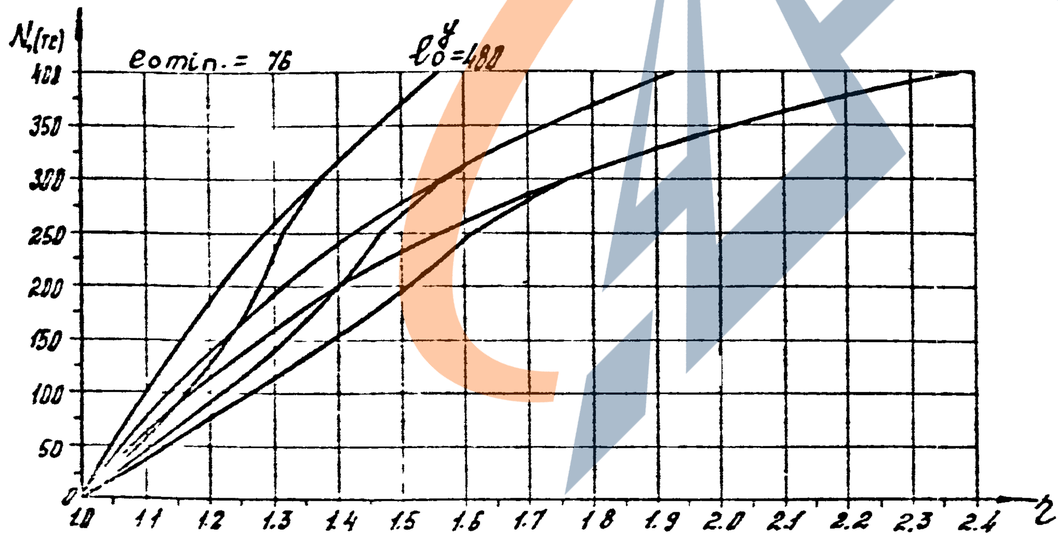


Вх. 32829 л. 160

Класс бетона В30 (Rb = 100 кгс/см² при учете γb2 = 1.15)

1.020-1/87. 0-6-3 ПЗ

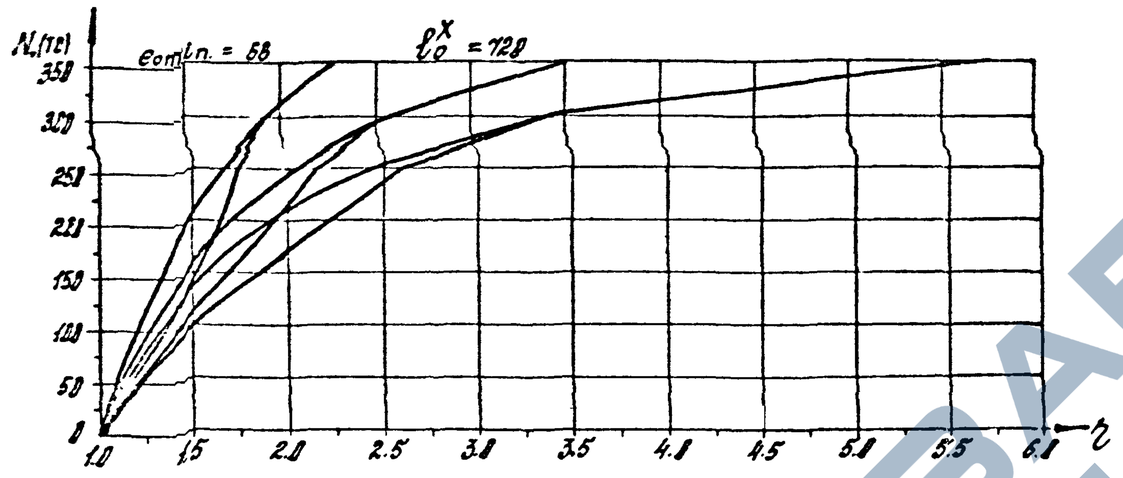


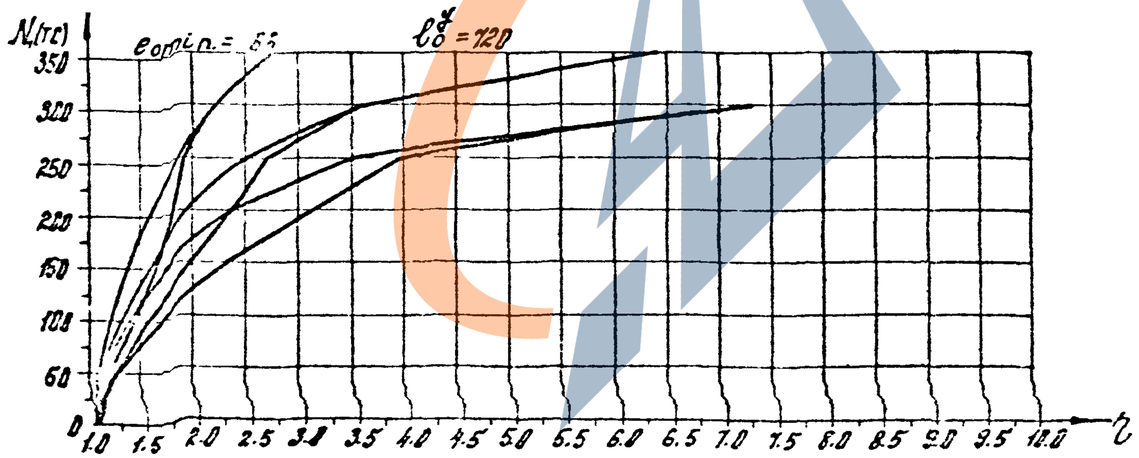


Вх. 32859 л. 161

1020-1/87. 0-6-3 ПЗ

Лист 154

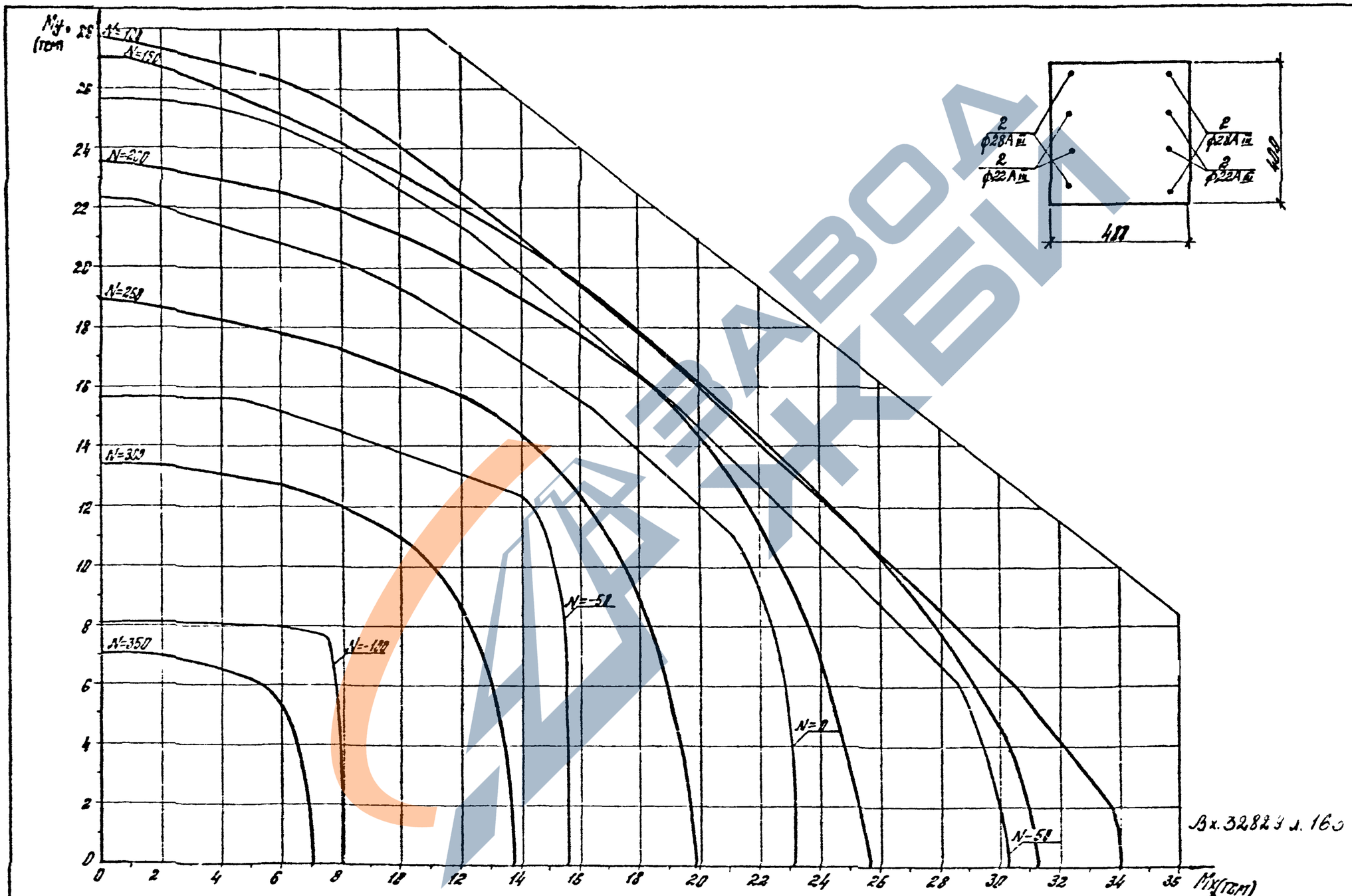




Вх. 32829 л. 162

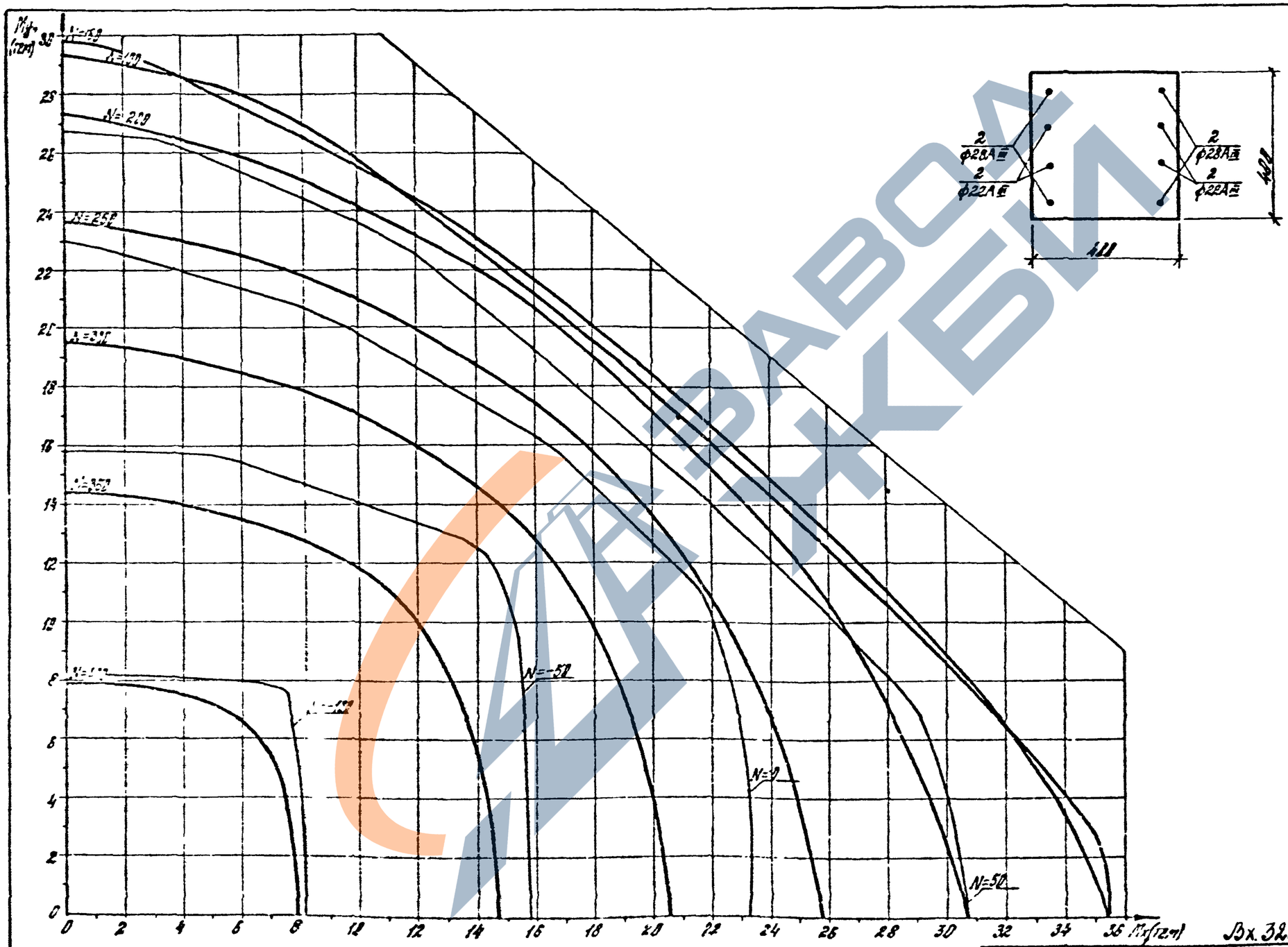
1.020-1/87.0-6-3 113

Альт. 156



Вх. 32823 л. 160

Класс бетона В30 (Rв=155.7кгс/см² при учете γв2=0,9)



Вх. 32829 л. 164

Класс бетона В30 (Rб = [illegible] кгс/см² при учете $\gamma_{б2}$ = 1.10)

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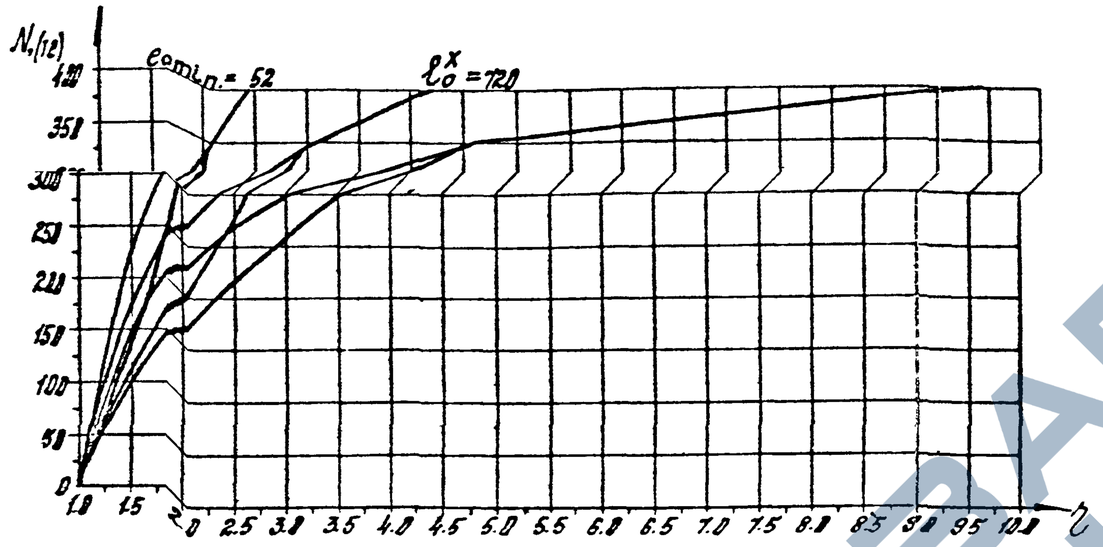
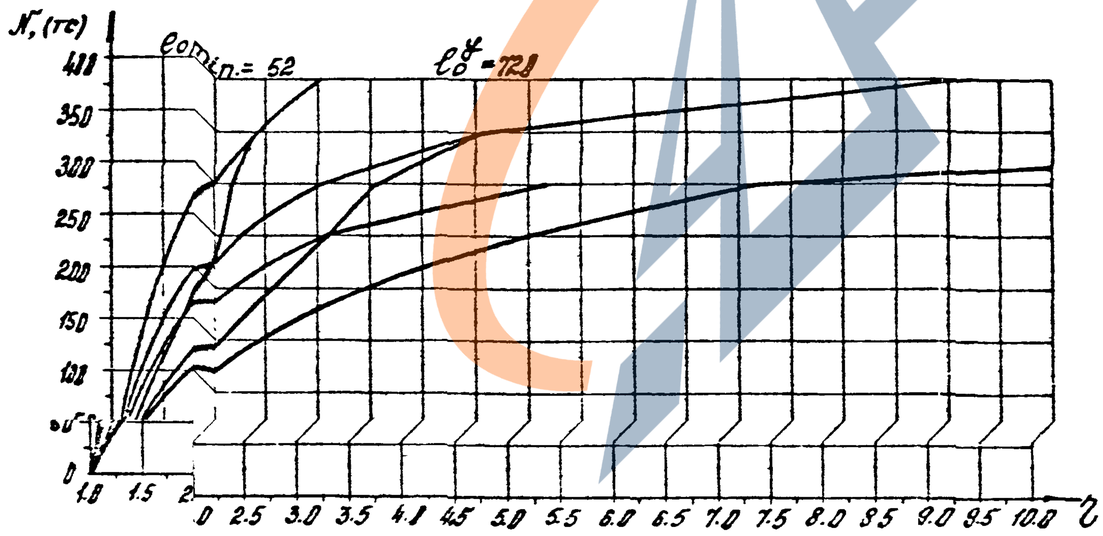
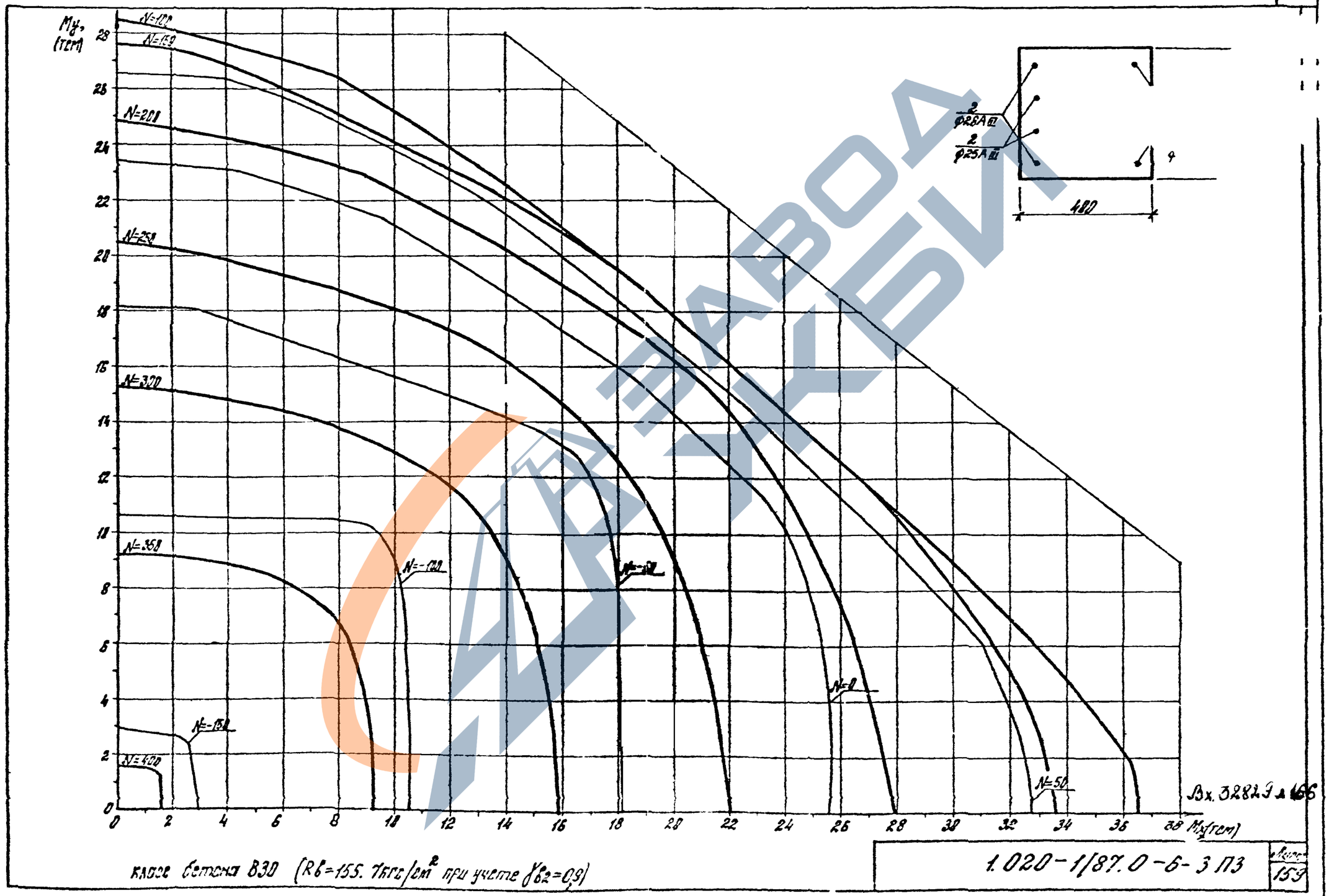

N,(тс)
$e_{o\,min.}$ = 52
l_o^x = 720
400
350
300
250
200
150
100
50
0
1.0 1.5 2.0 2.5 3.0 3.5 4.0 4.5 5.0 5.5 6.0 6.5 7.0 7.5 8.0 8.5 9.0 9.5 10.0
r


N,(тс)
$e_{o\,min.}$ = 52
l_o^y = 720
400
350
300
250
200
150
100
50
0
1.0 1.5 2.0 2.5 3.0 3.5 4.0 4.5 5.0 5.5 6.0 6.5 7.0 7.5 8.0 8.5 9.0 9.5 10.0
r

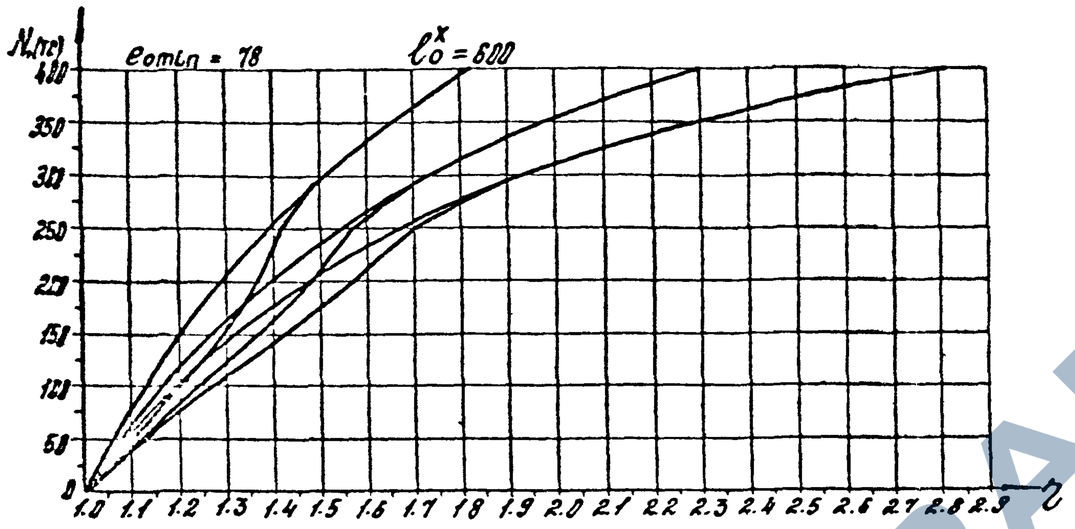


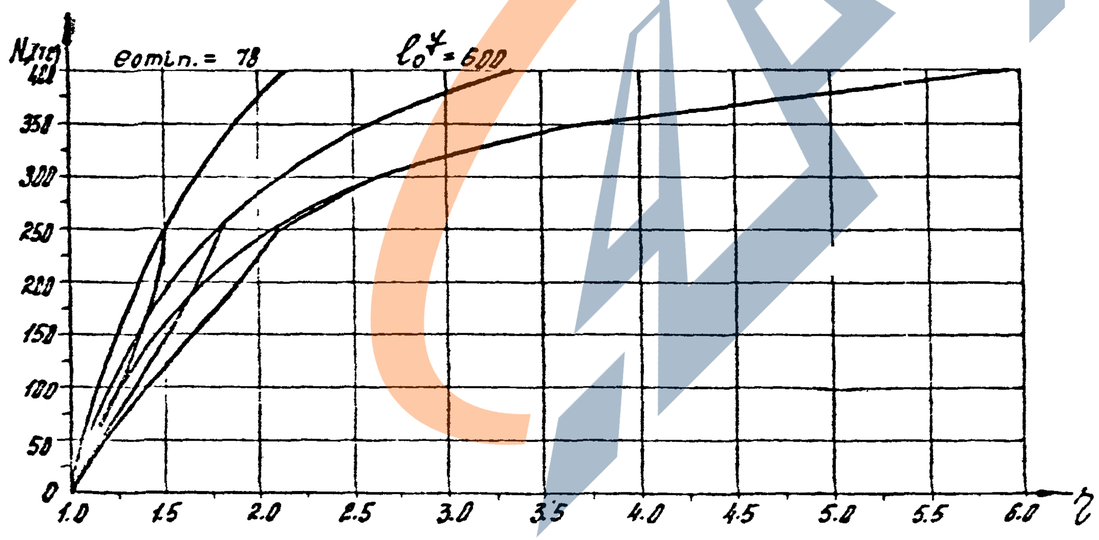
Класс бетона В30 (R_b=155. 1кгс/см^2 при учете γ_{b2}=0,9)

Вх. 3282-1 л 166

1.020-1/87.0-6-3 ПЗ

Альбом 153

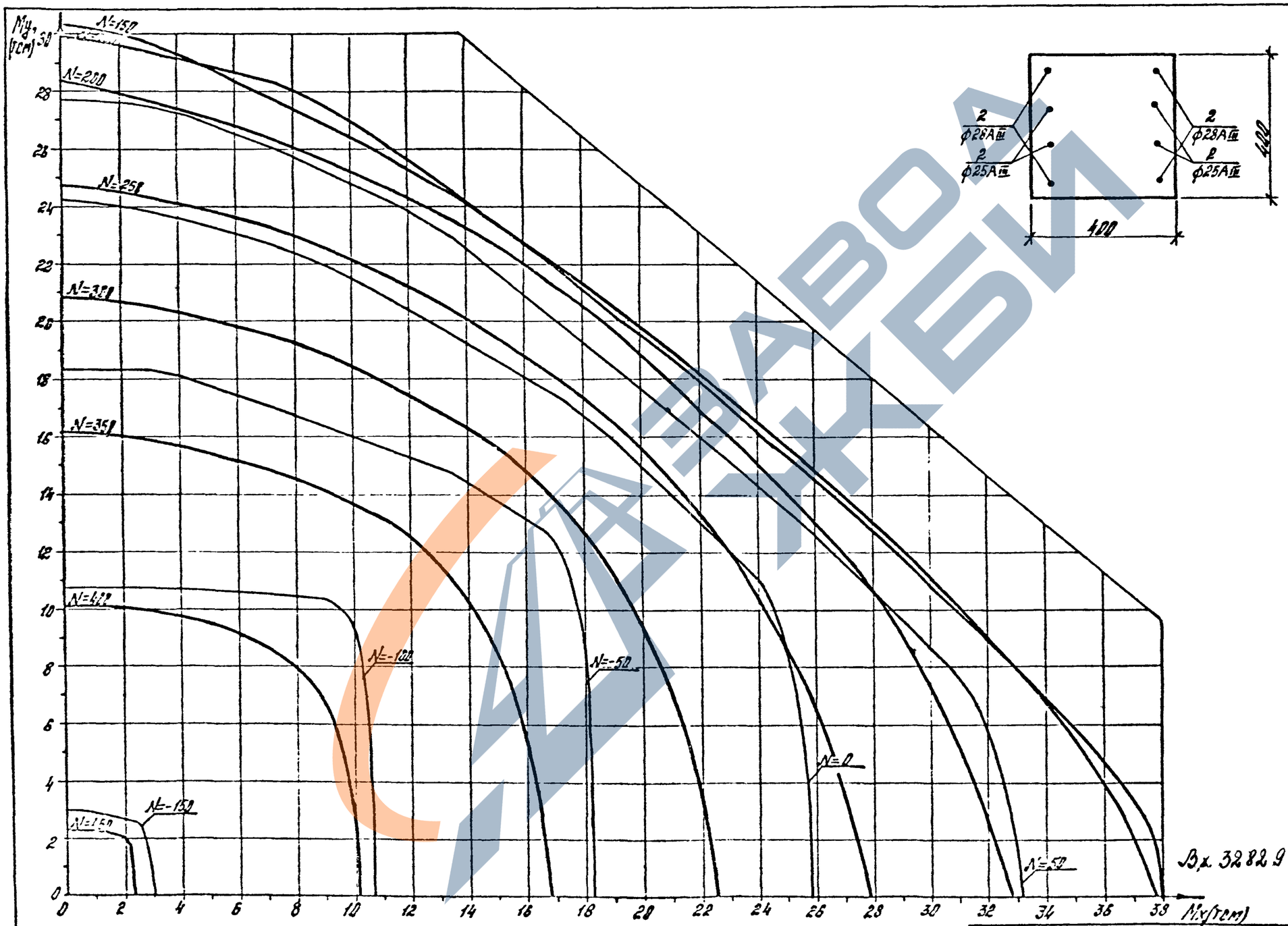




Вх. 32829 л. 167

1.020-1/87. 0-6- 3 ПЗ

Лист 160

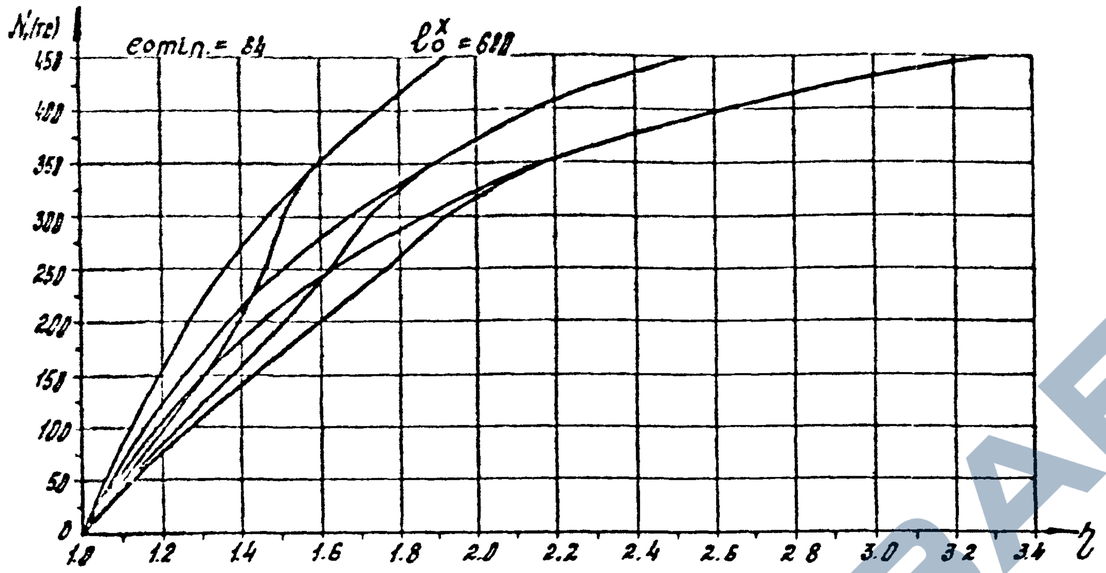


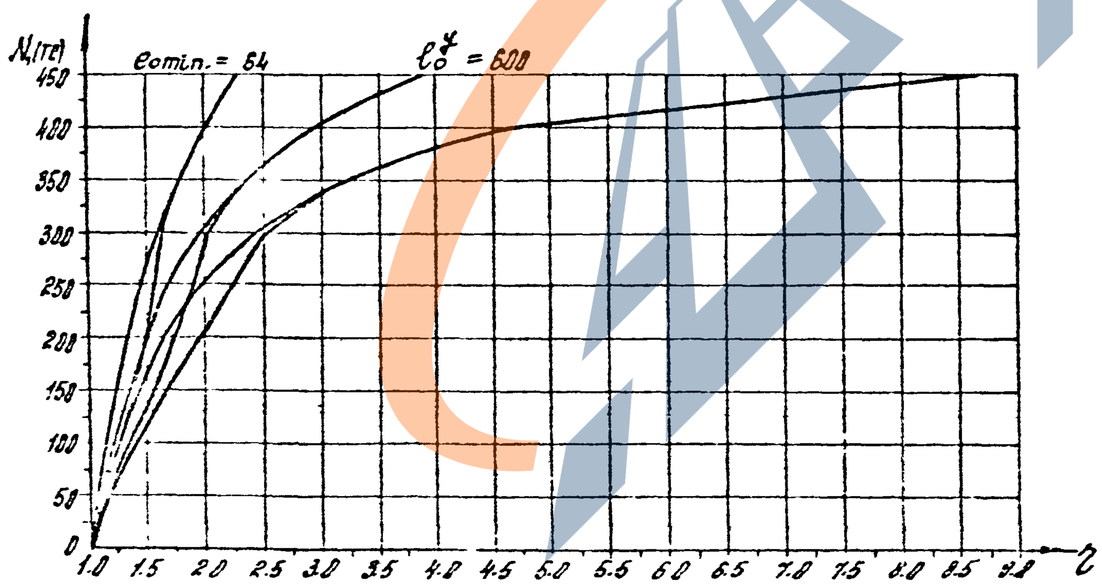
Вх. 3282 9 л 168

Класс бетона В30 (Rв=1[illegible]кгс/см² при учете γв2=1.10)

1.020 – 1/87.0-6- 3 ПЗ

Лист 161

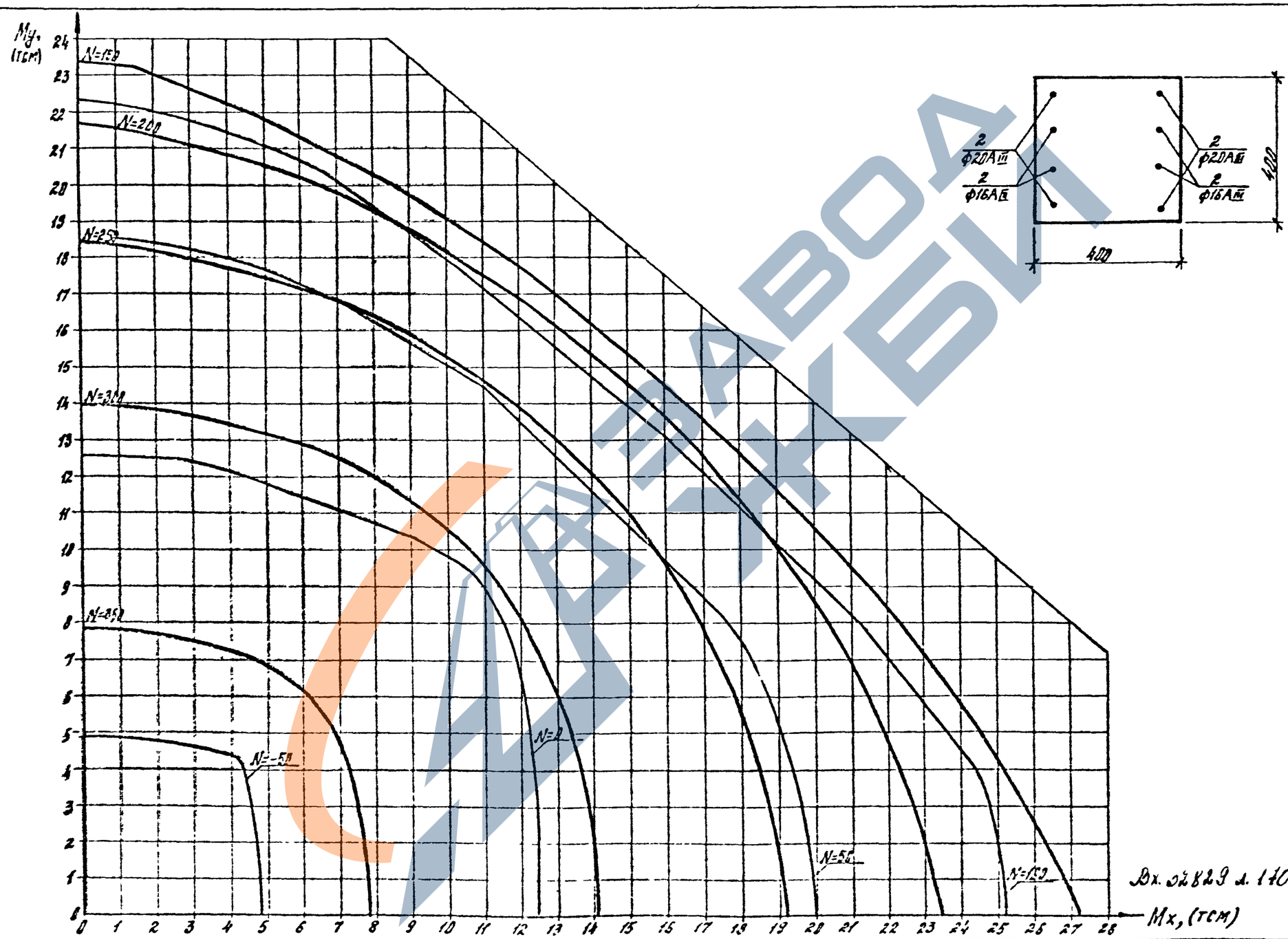




Вх. 32829 л. 169

1.020-1/87. 0-6-3 ПЗ

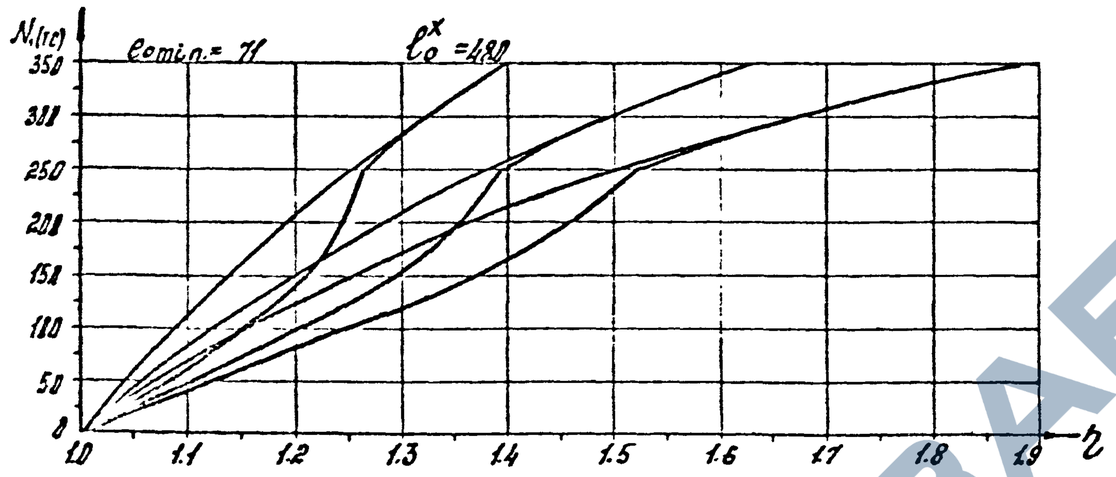
Лист 162

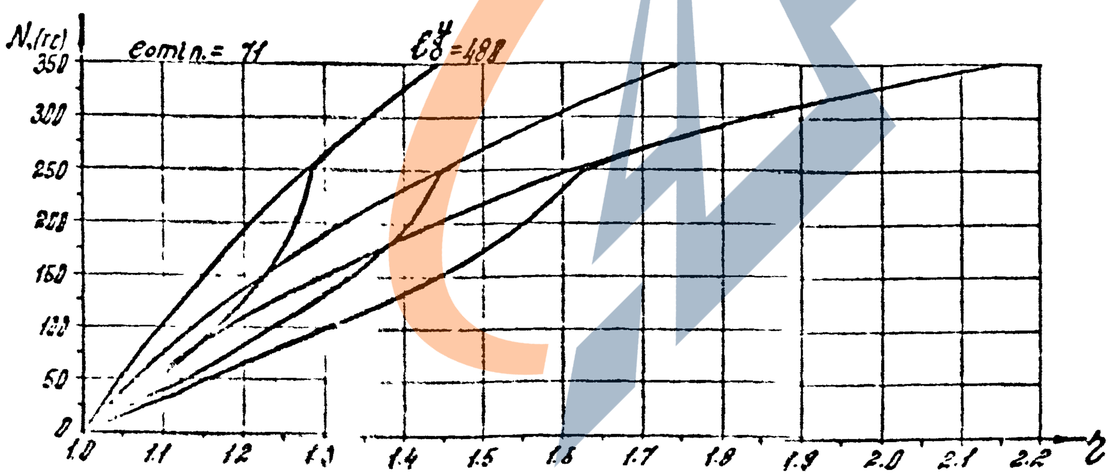


Вх. 32829 л. 140

Класс бетона В40 (Rб=201 6 кгс/см² при учете $\gamma_{б2}$=0,9)

1.020-1/87.0-6-3ПЗ

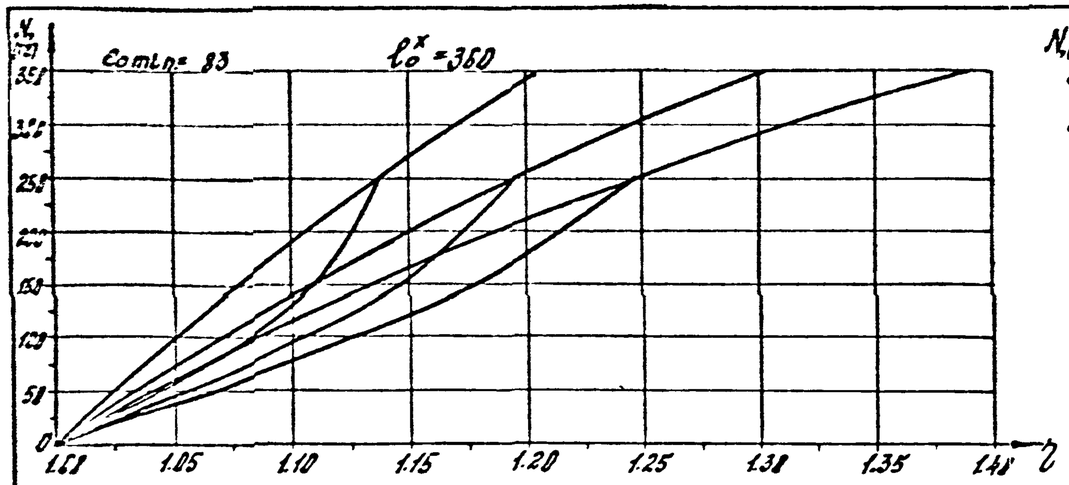


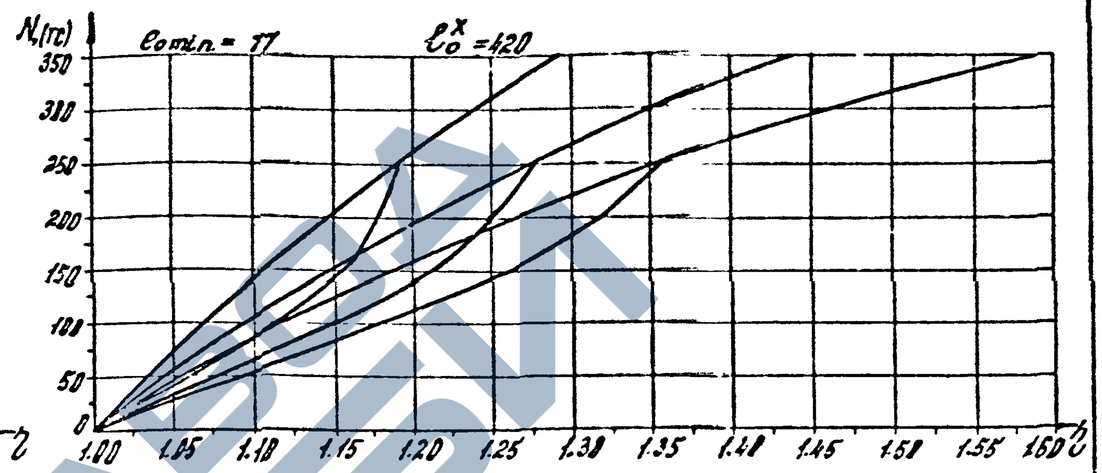


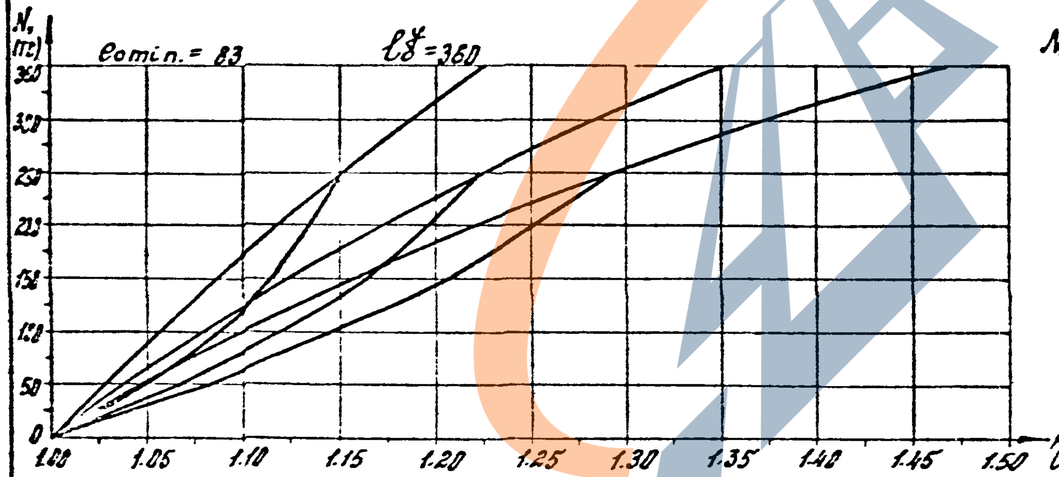
Вх. 32829 1.171

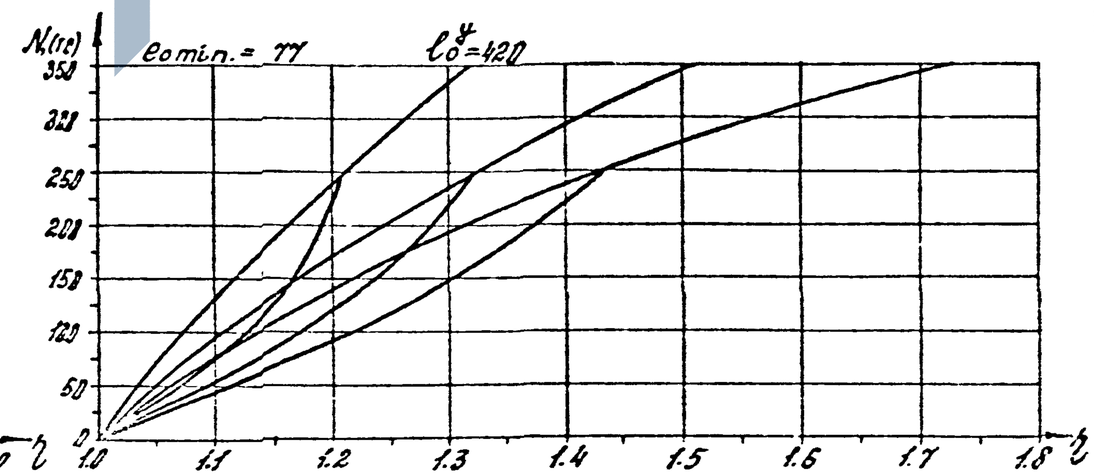
1.020 – 1/87. 0-6- 3 ПЗ

Лист 165

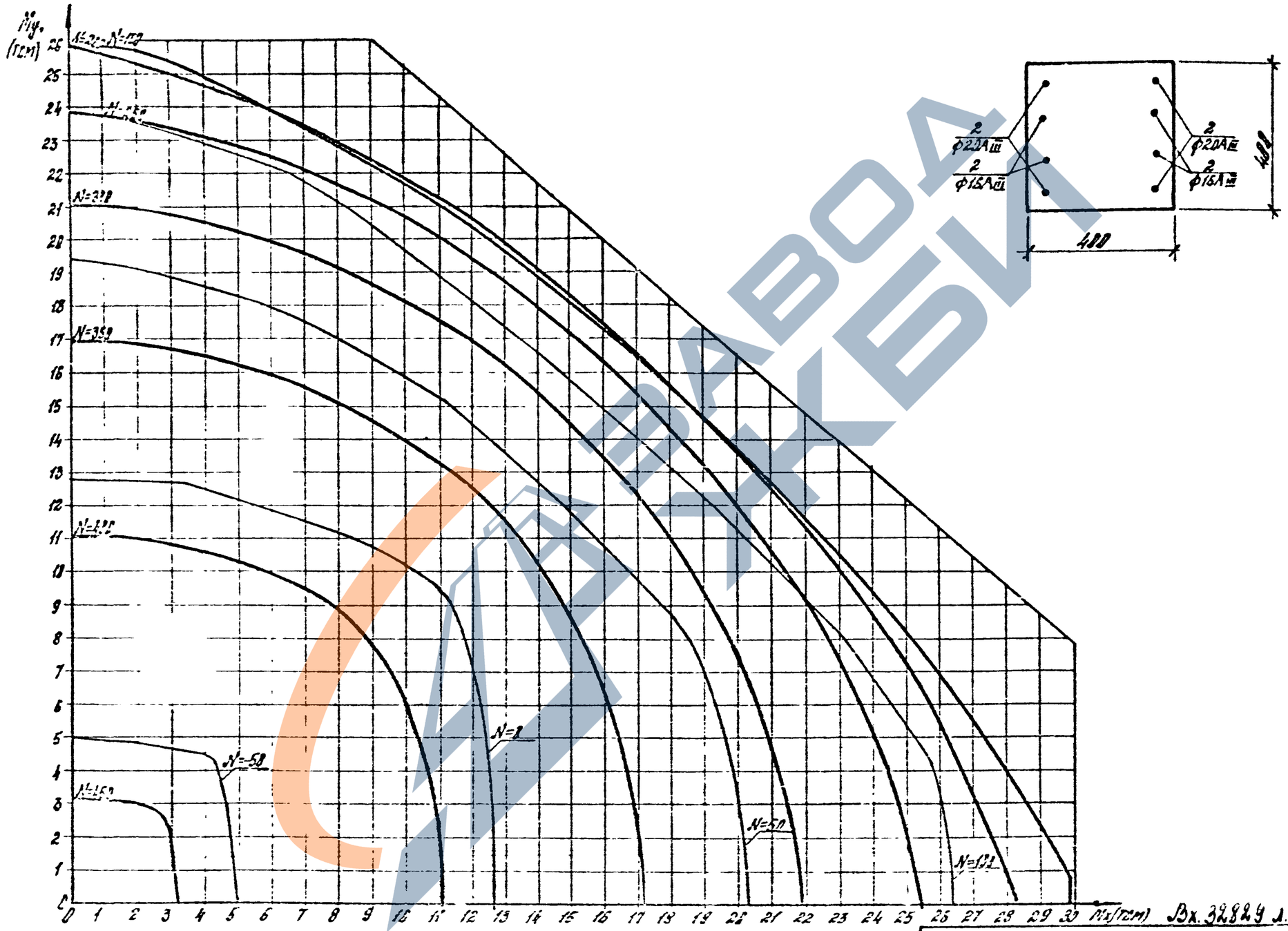








Вх.32829 л.112



Класс бетона В40 (R_b=246.4кгс/см^2 при учете γ_{b2}=1.10)

Вх. 32824 л. 173

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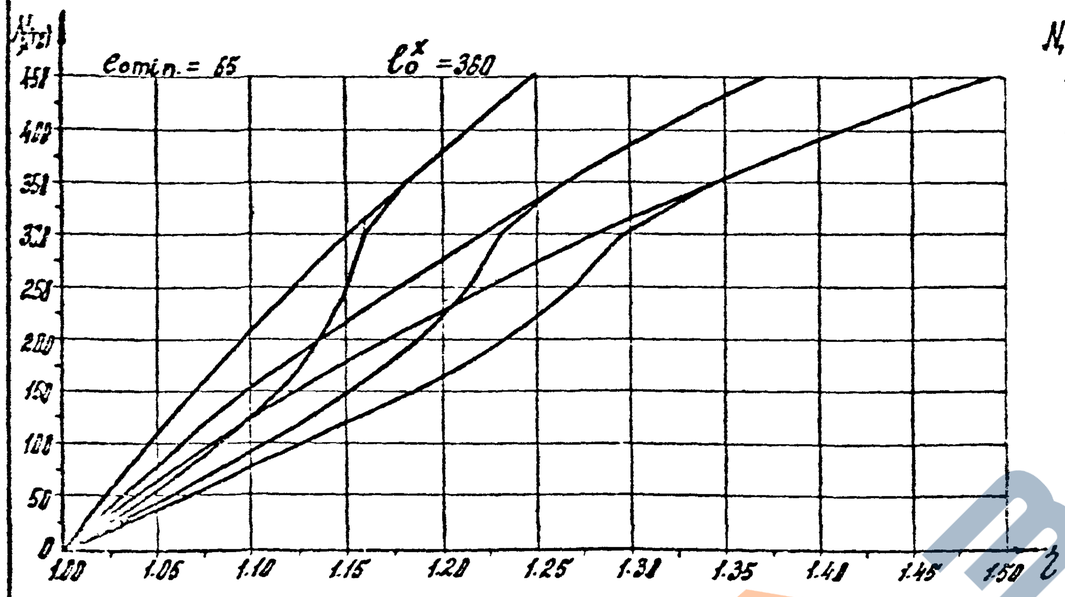
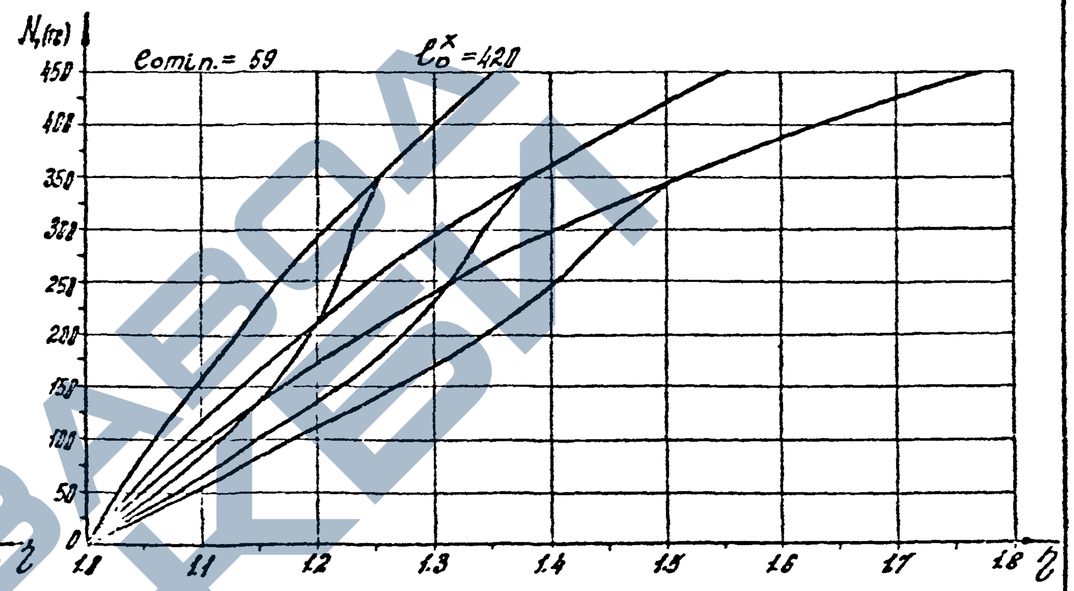
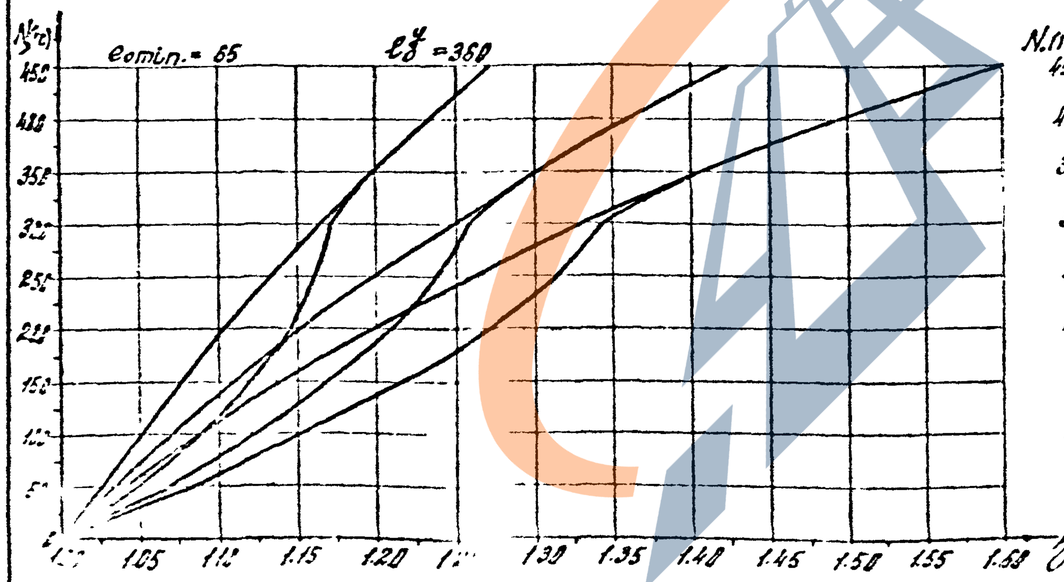
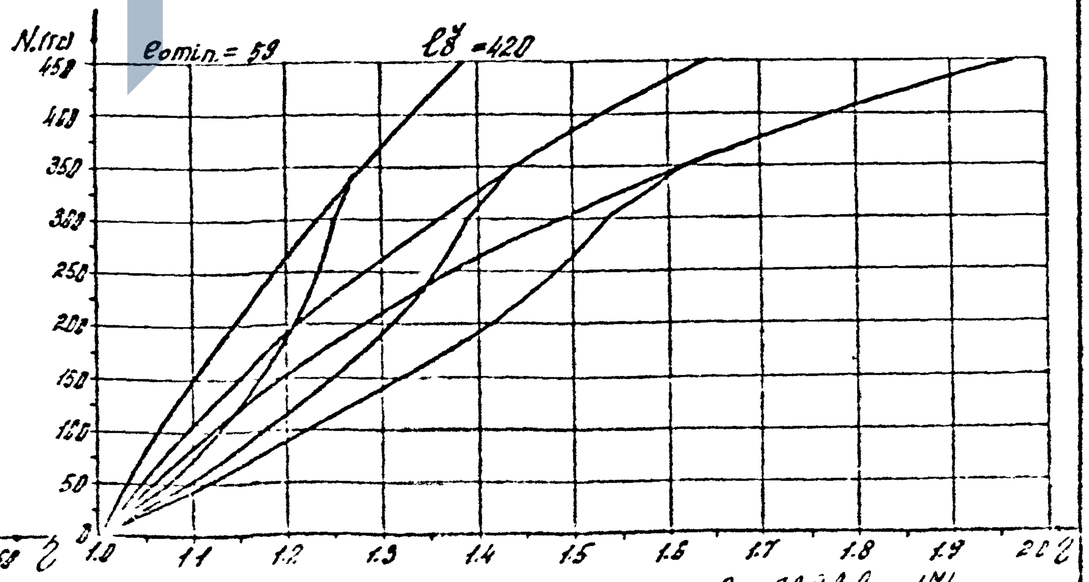
Лист 166



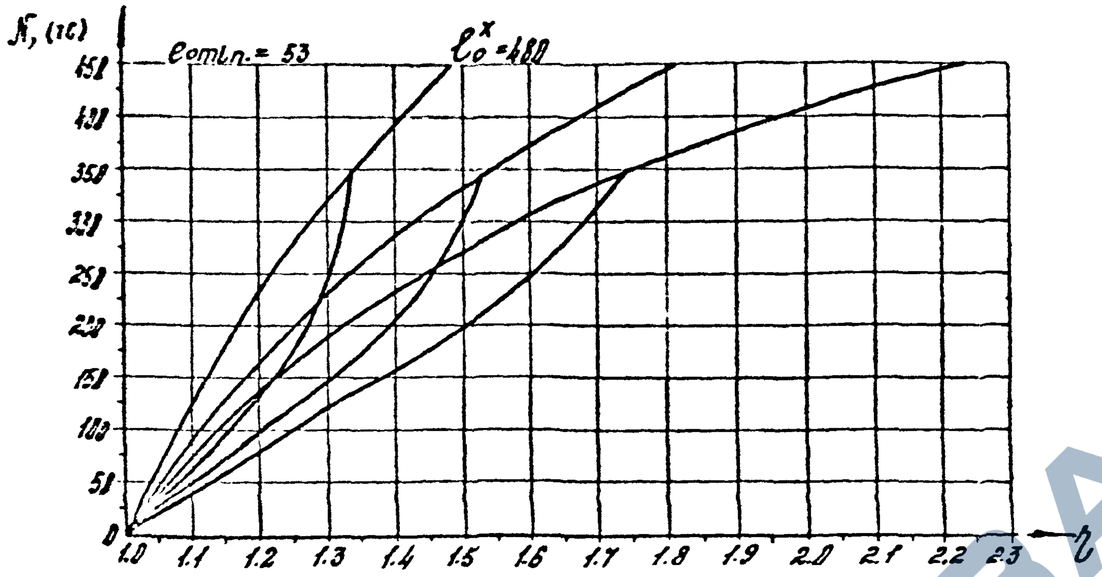


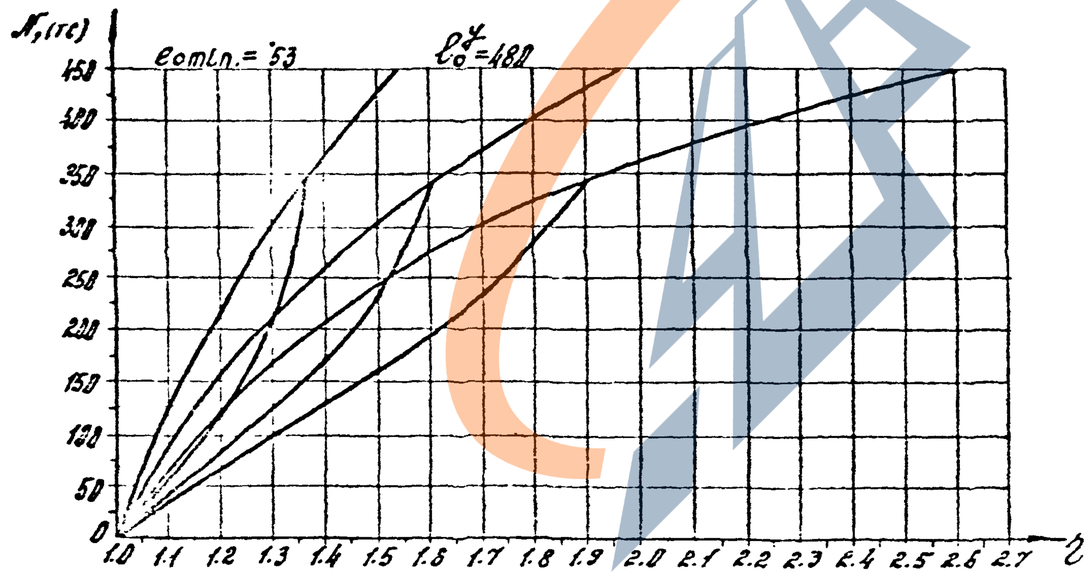




Вх. 32829 л. 174

1.020-1/87.0-6- 3 ПЗ



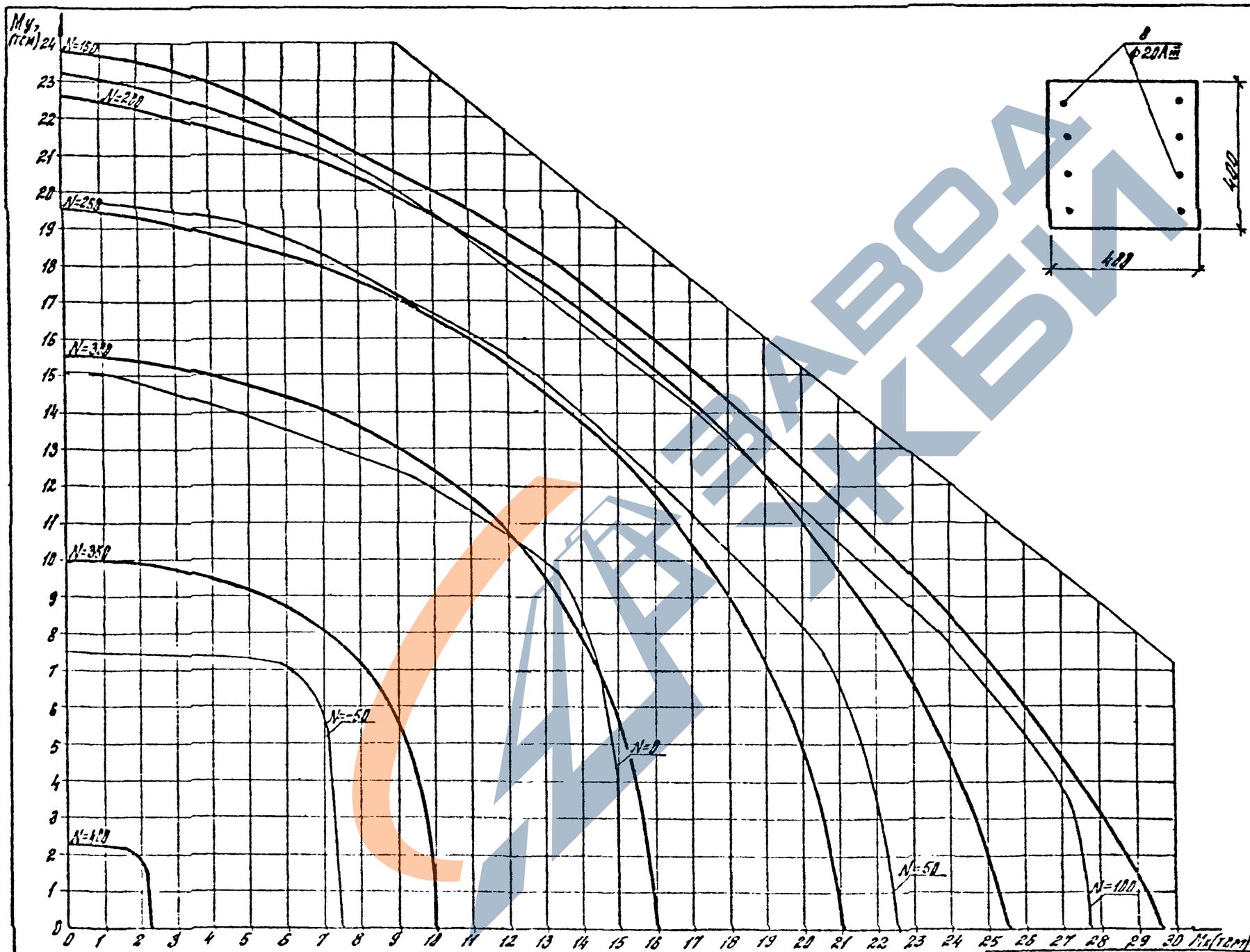


Эх. 32829 л. 175

1.020-1/87. 0-6- 3 ПЗ

Лист 168

https://zavodjbi.com/

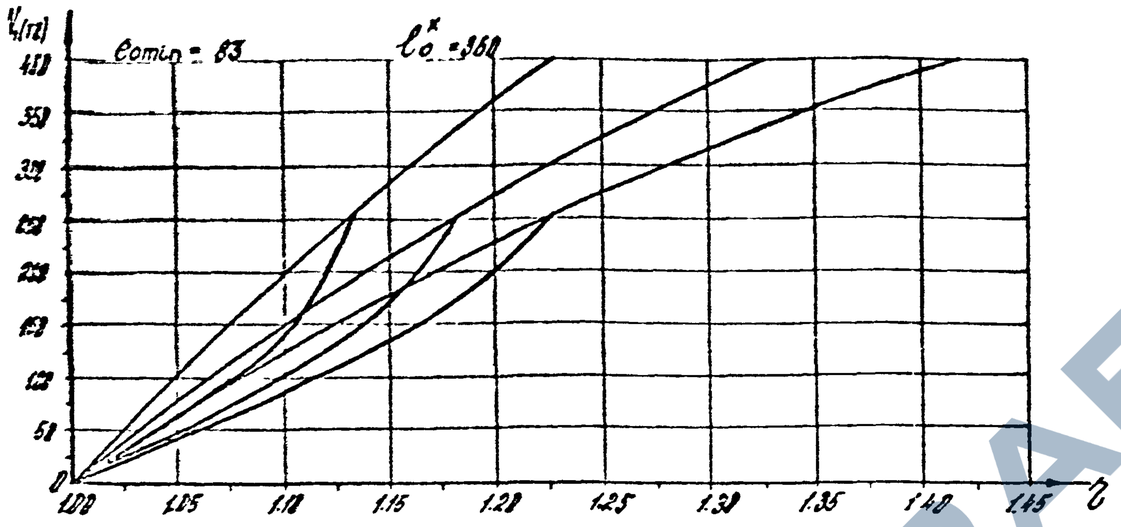


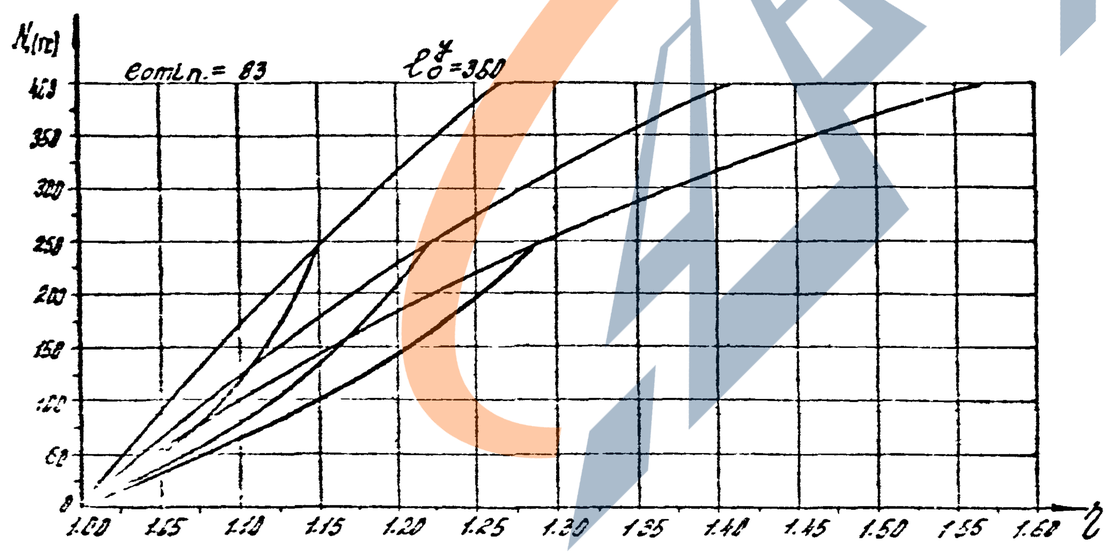
класс бетона В40 ($R_б$=281.6 кг/см^2 при учете $m_{б2}$=0.9)

Вх. 32829 л. 176

1.020-1/87. 0-6-3 ПЗ

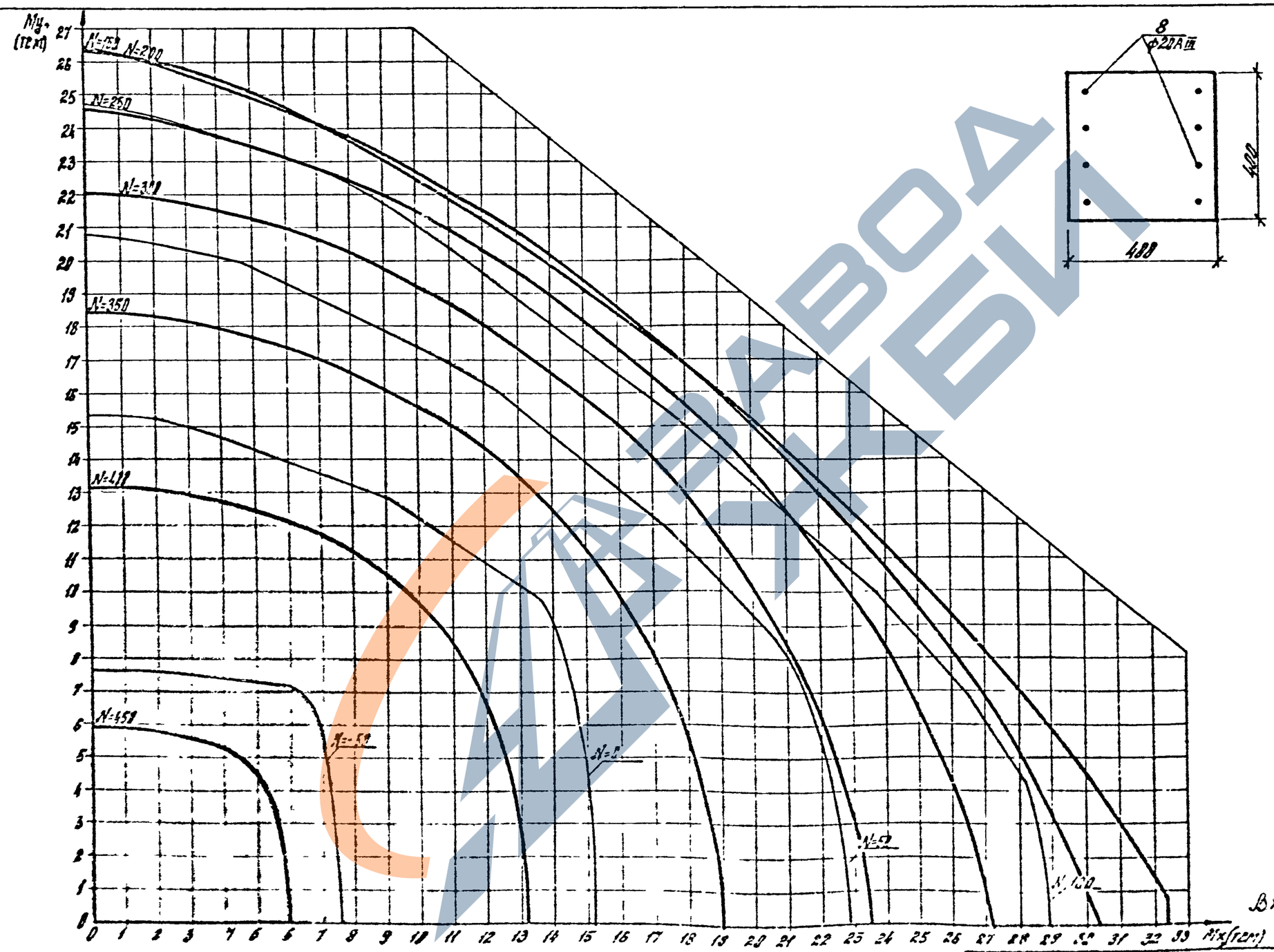
Лист 169





Вх. 34829 л. 177

1.020-1/87.0-6- 3 113

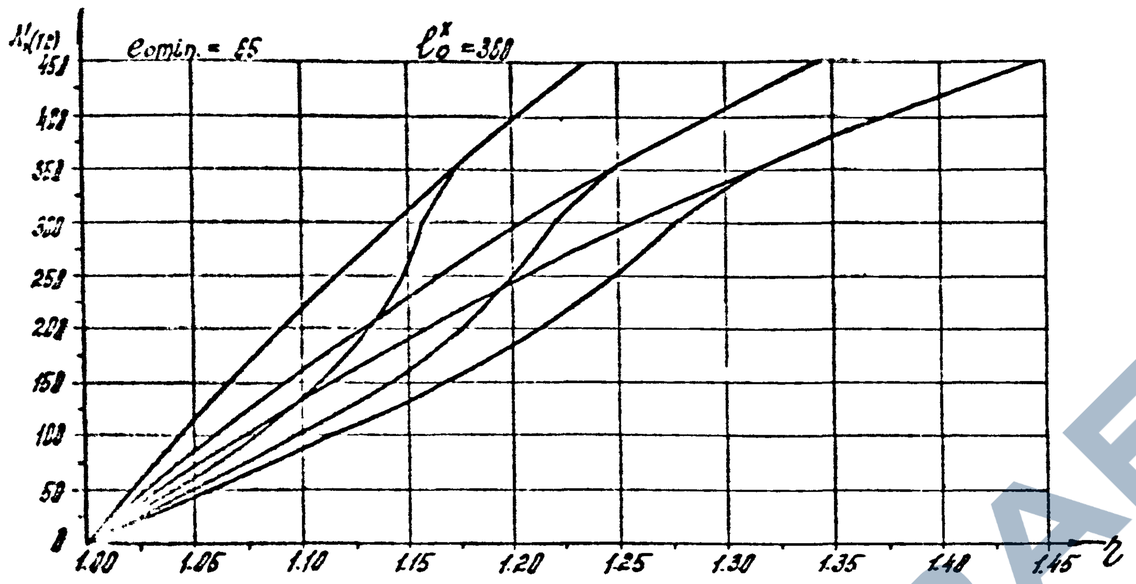


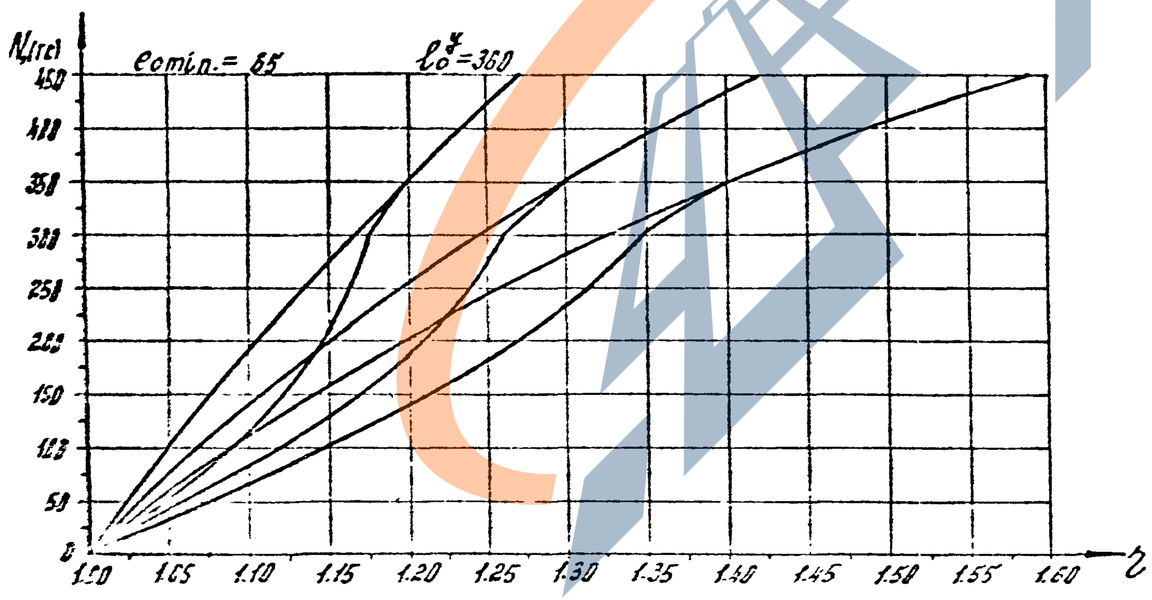
Вх. 32829 л. 178

класс бетона В40 (R_b=246.4 кгс/см²) при учете (δ_2=1.19)

1.020-1/97. 0-6-3 ПЗ

Альб. 171

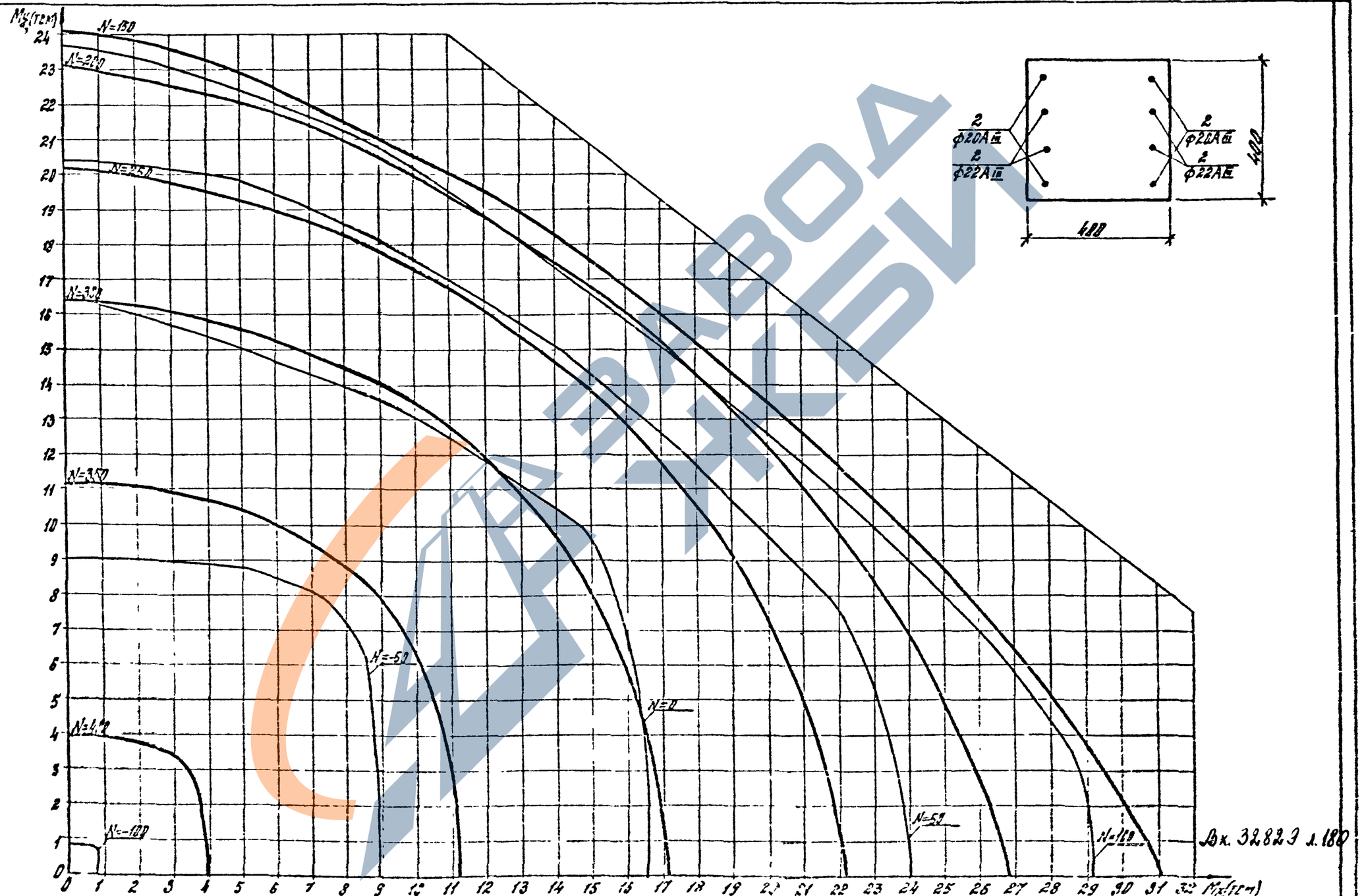




Шх. 32829 л. 179

1.020-1/87.0-6- 3 ПЗ

Лист 172



Вх. 32823 л.180

класс бетона В40 (R_b=201.6 кгс/см² при учете γ_{b2}=0,9)

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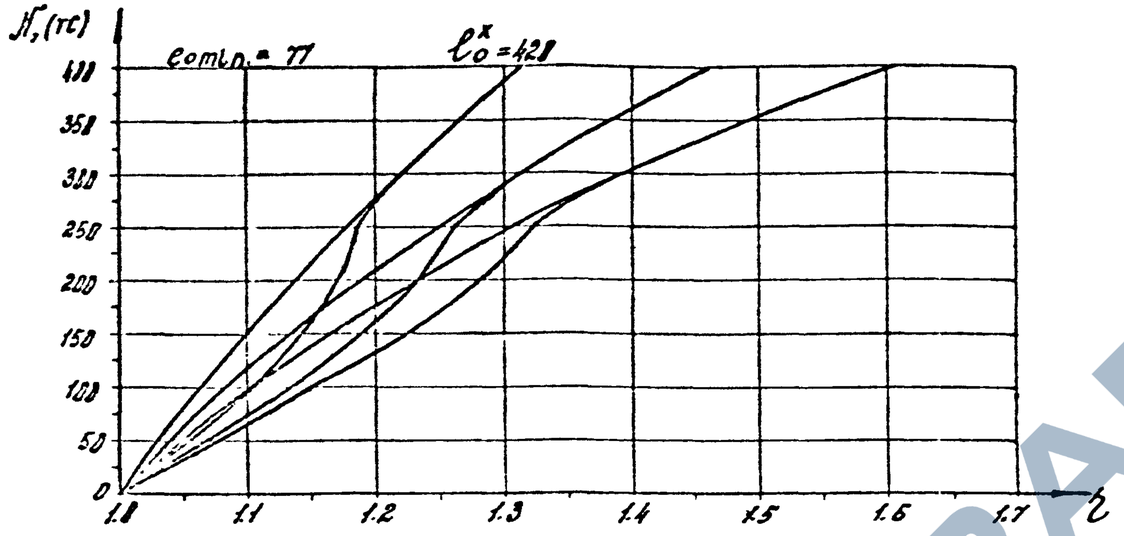
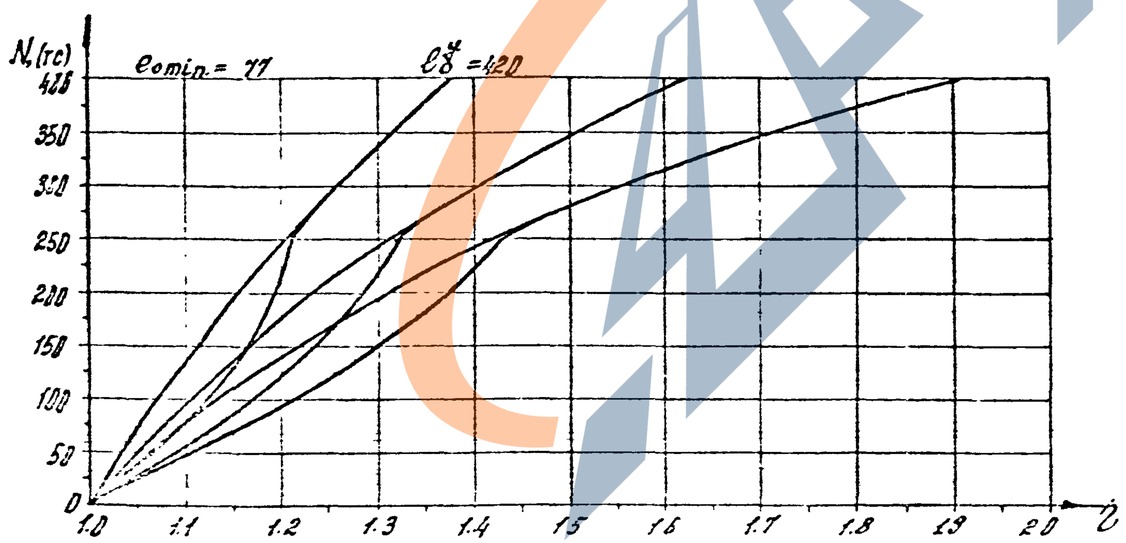
Лист 173

ЗАВОД ЖБИ





Вх. 32×2.9 л. 181

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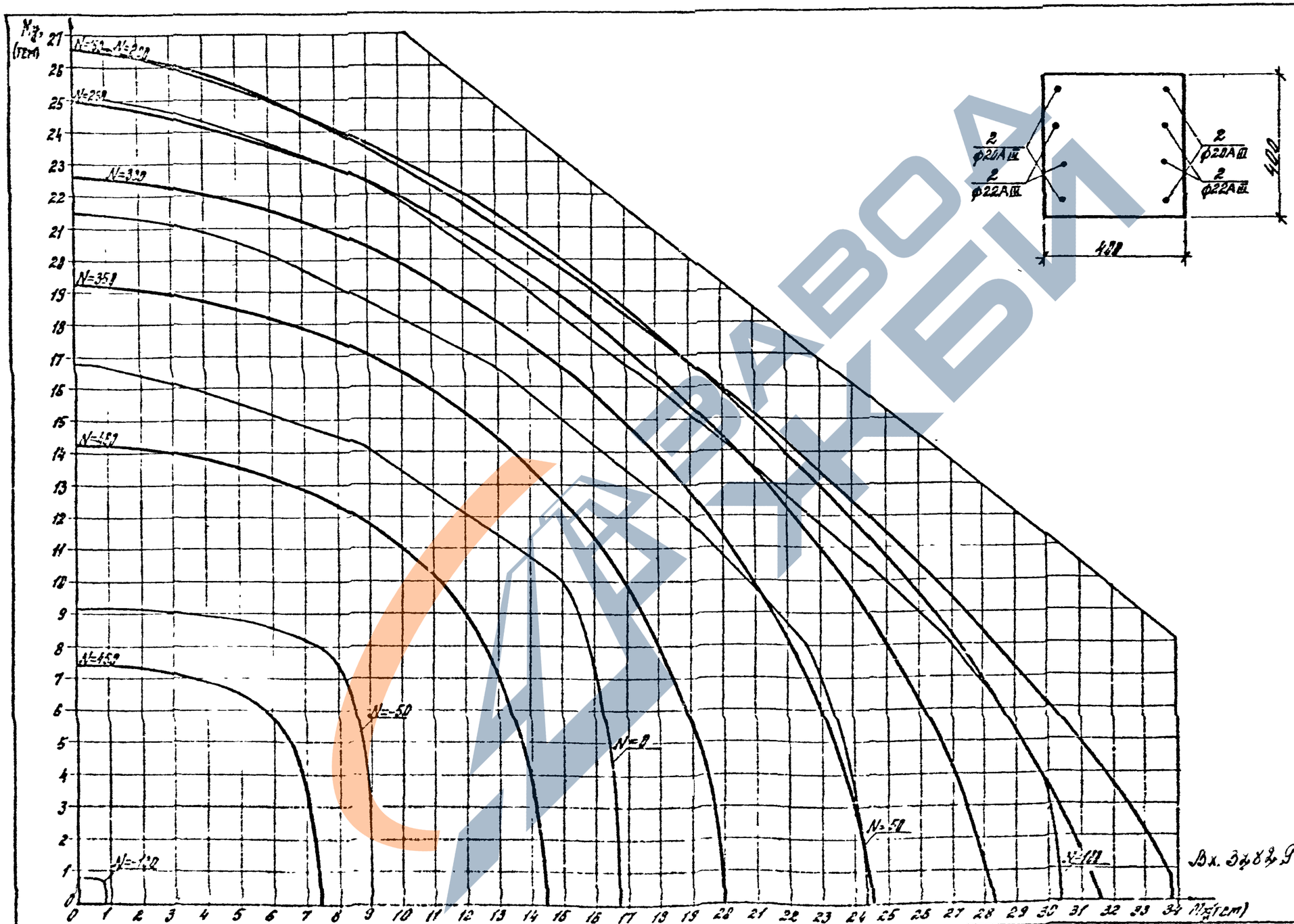
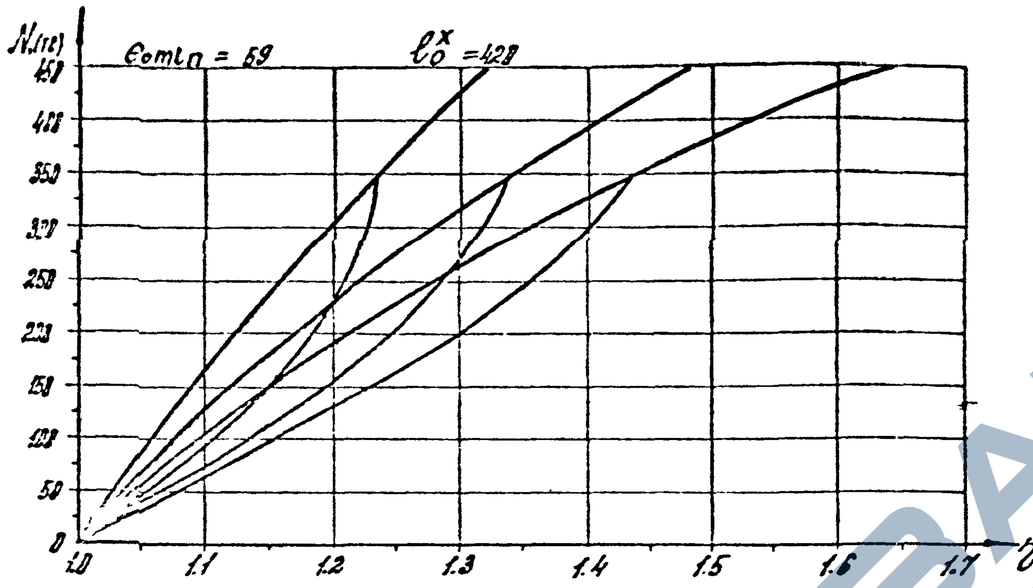
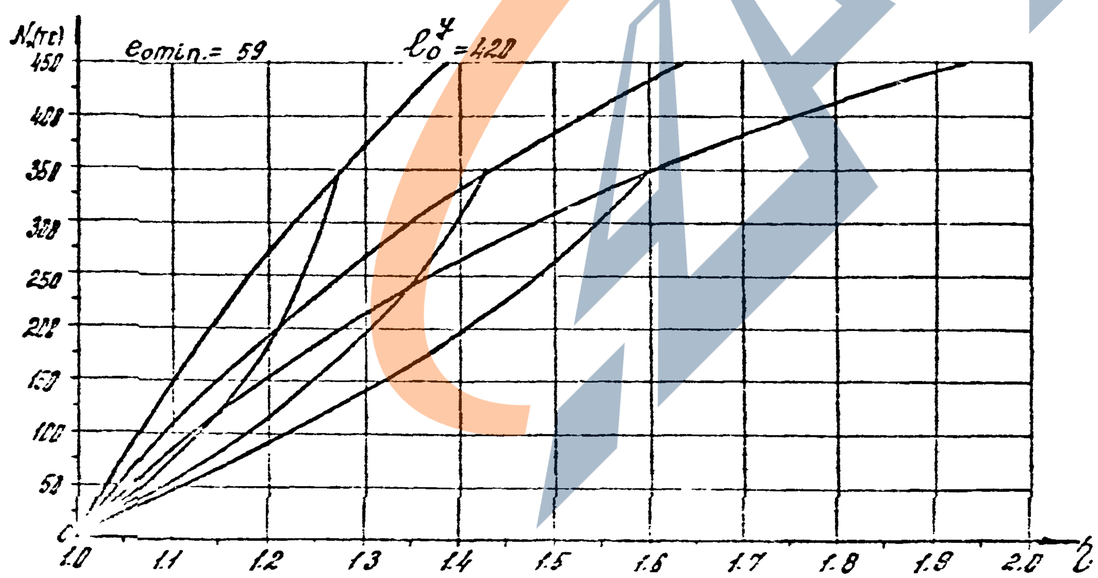


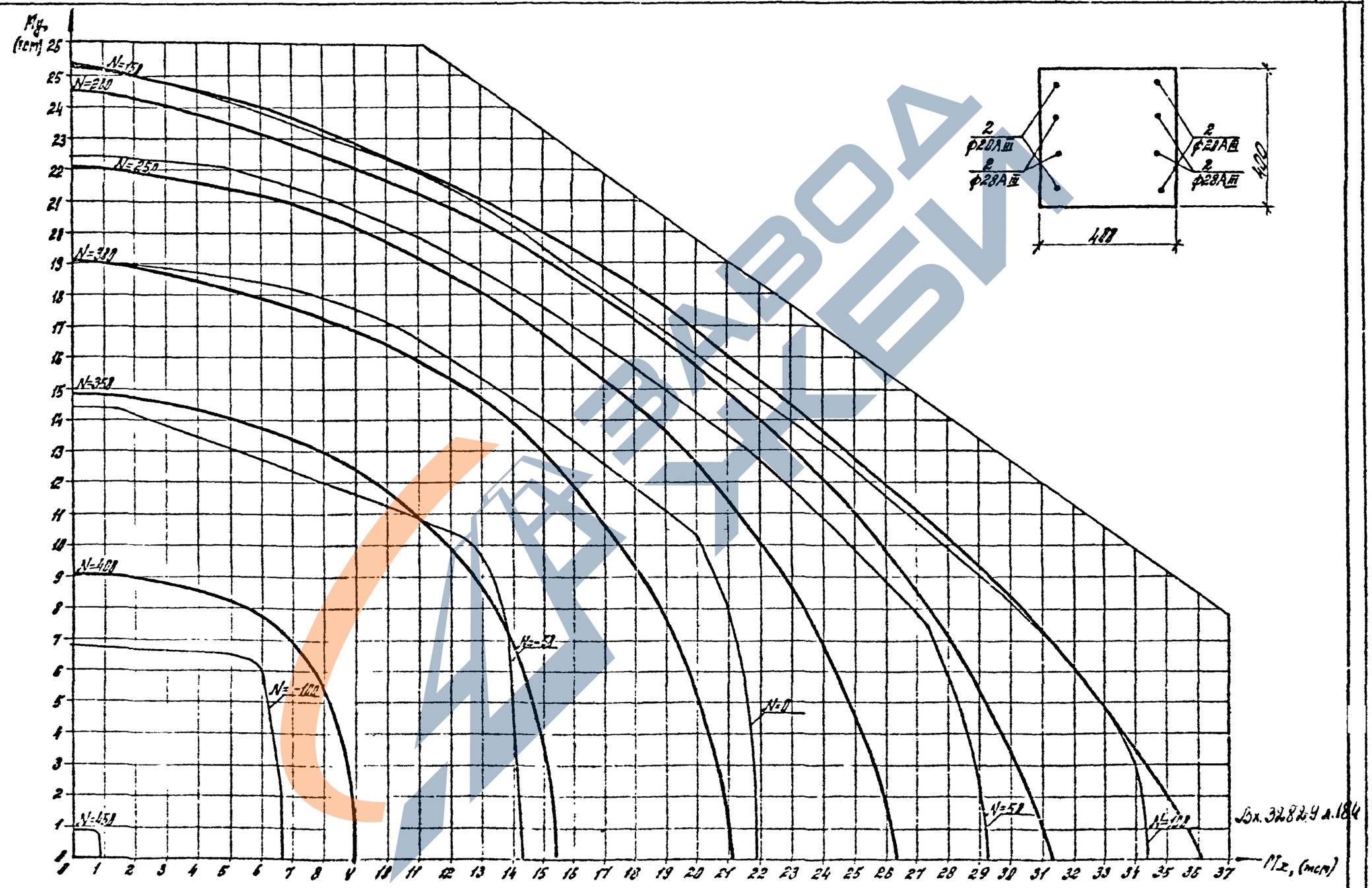
Класс бетона В40 (R_b = 245,4 кгс/см² при учете γ_{b2} = 1.10)





Вх. 32829 л.183

1.020-1/87. 0-6-3 ПЗ



Класс бетона В40 (R_b=201.6 кгс/см² при учете γ_{b2}=0,9)

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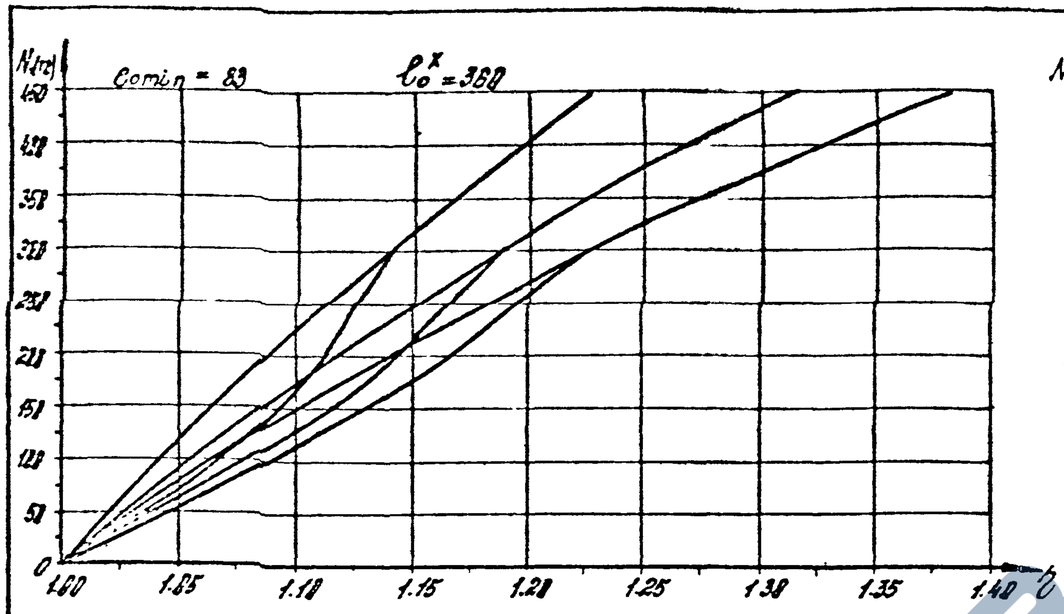
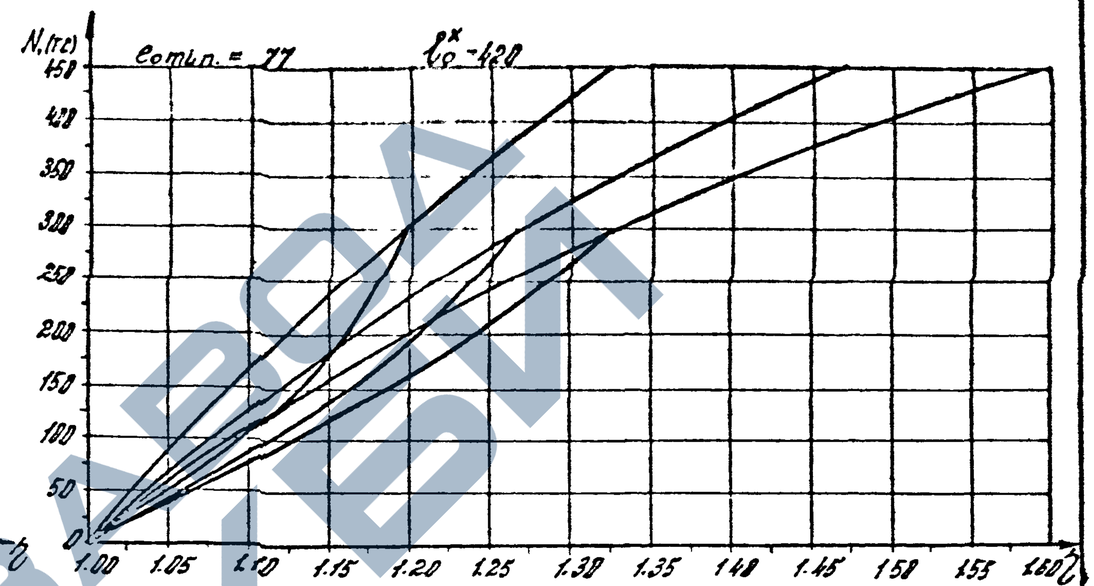
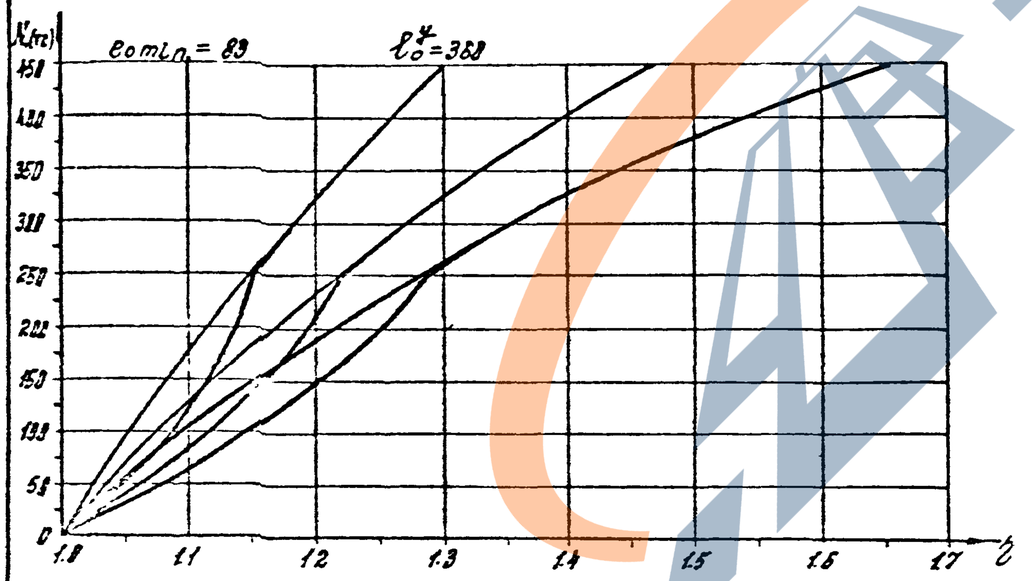
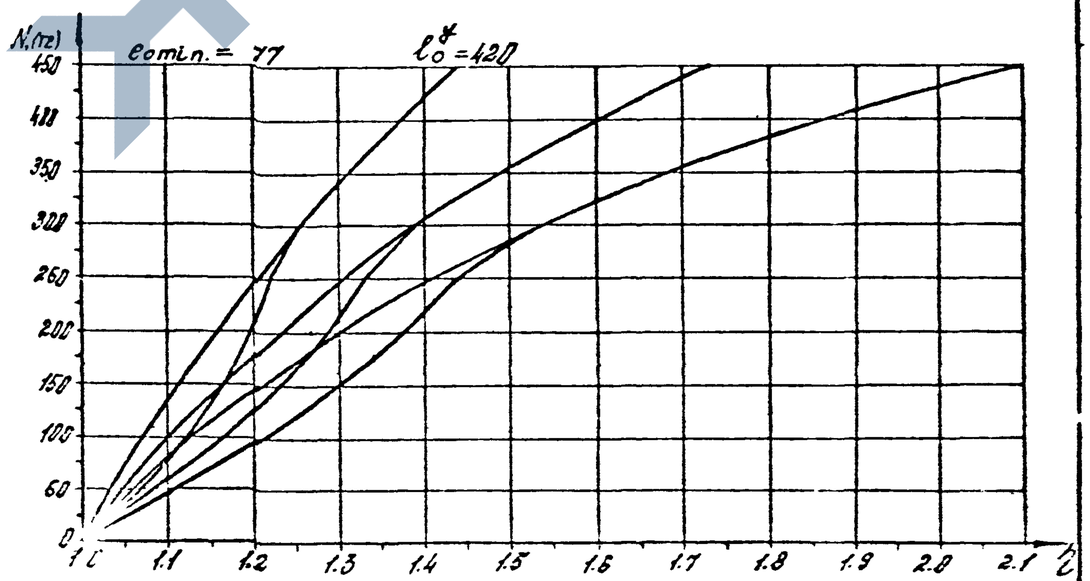
Лист 177



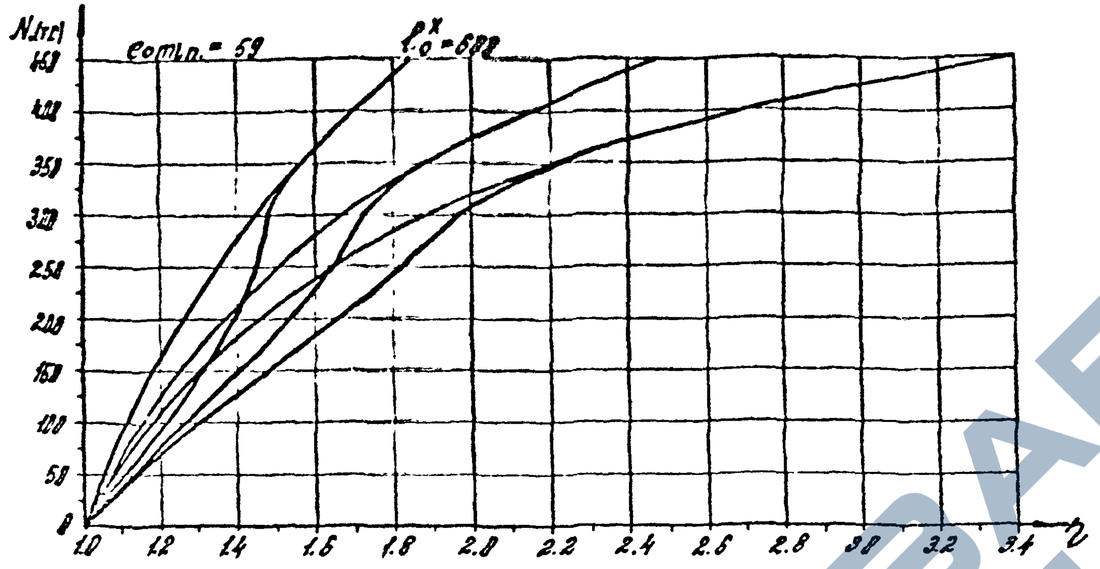


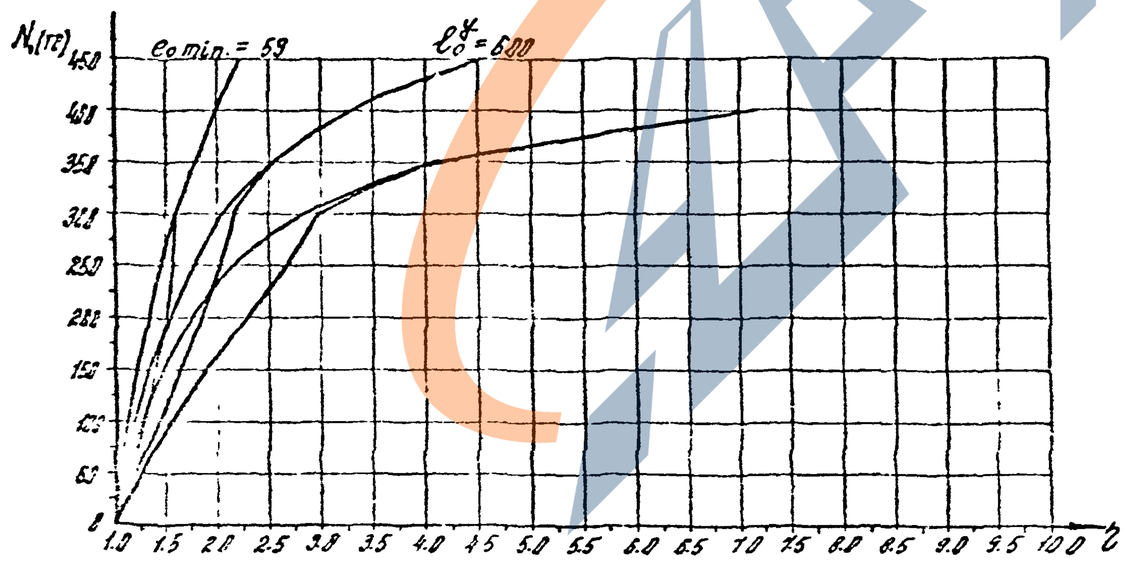




Вх. 32829 л.185

1.020-1/87.0-6-ЗП3 Лист 178





Вх. 32829 л.186

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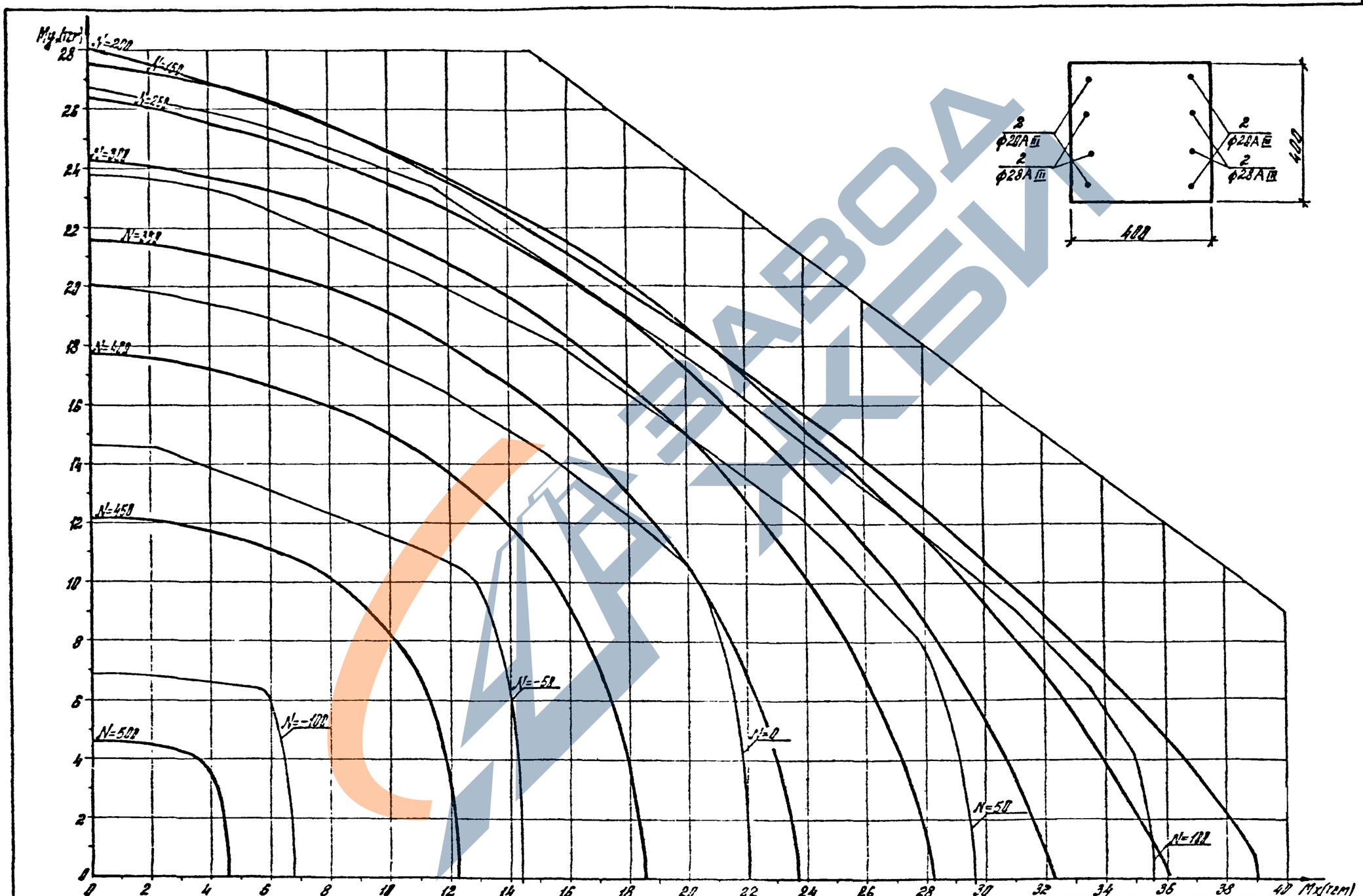
Лист 179



класс бетона В40 ($R_б$=246.4 кгс/см² при учете $\gamma_{б2}$=1.10)

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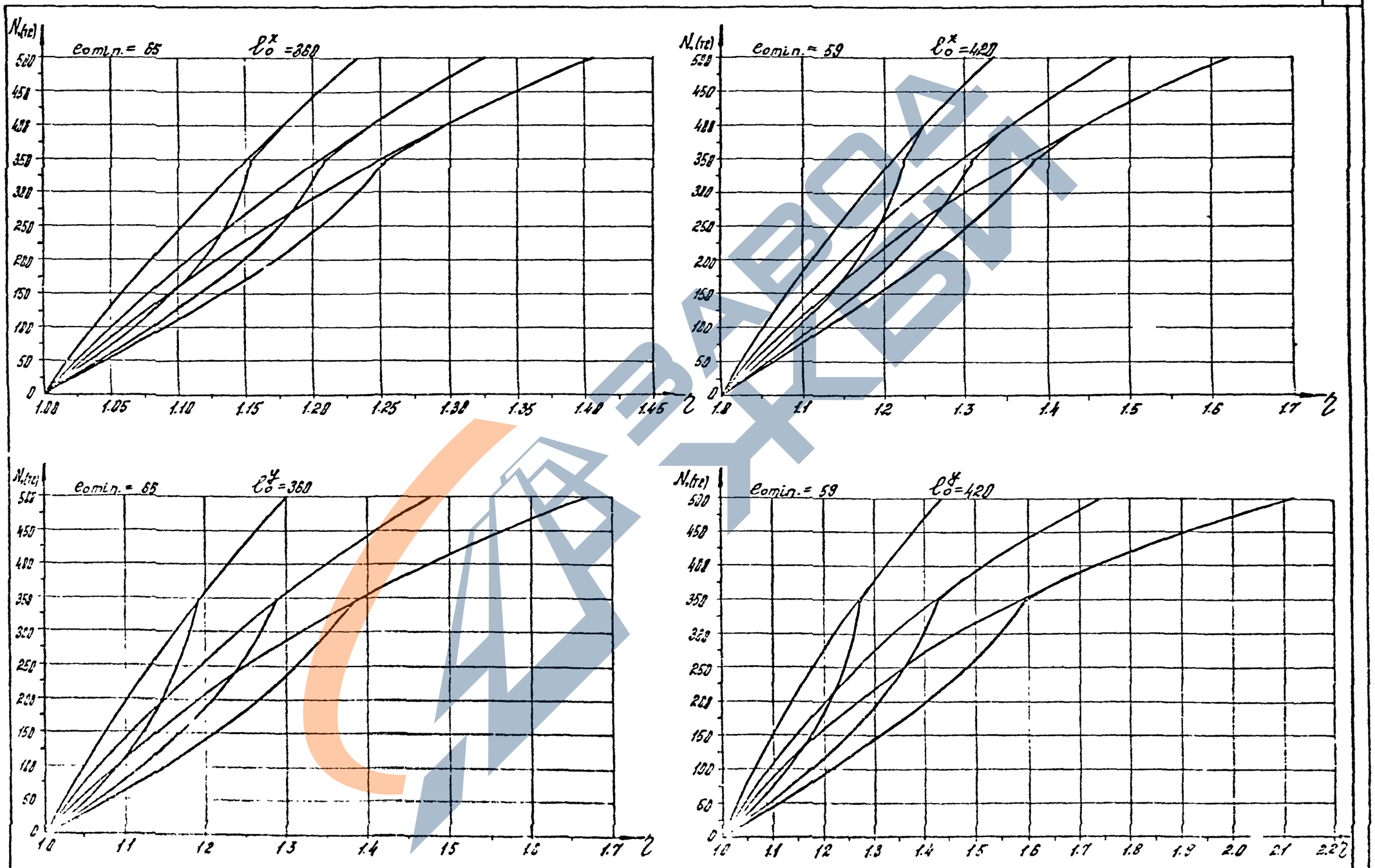
Лист 180

Вх. 32829 л. 187



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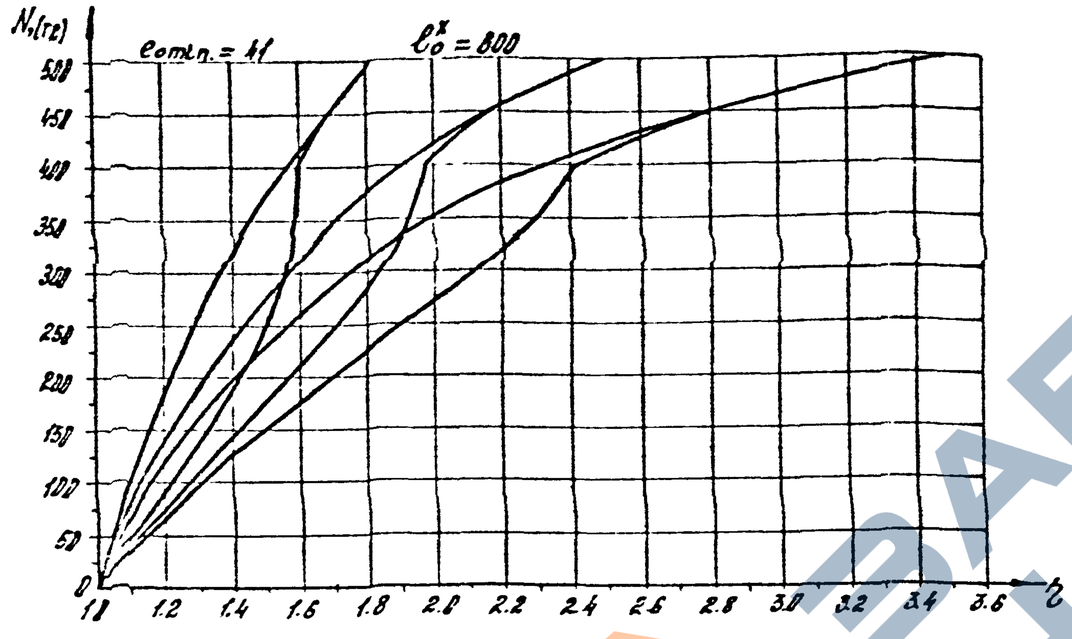
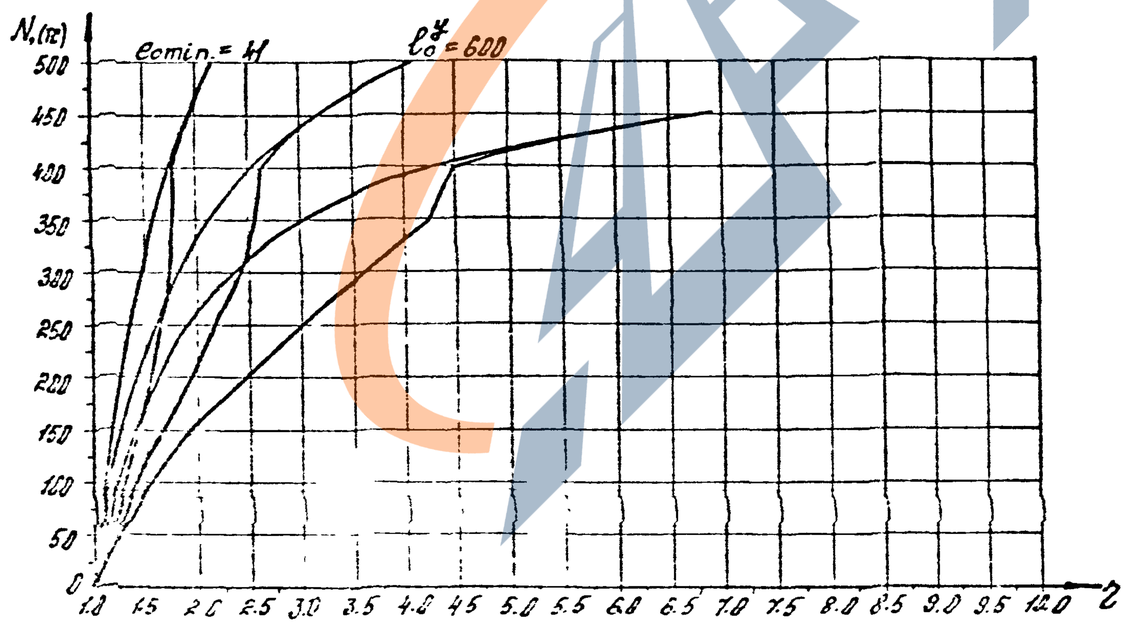
Вх. 32829 л. 188





Вх. 32829 л. 189

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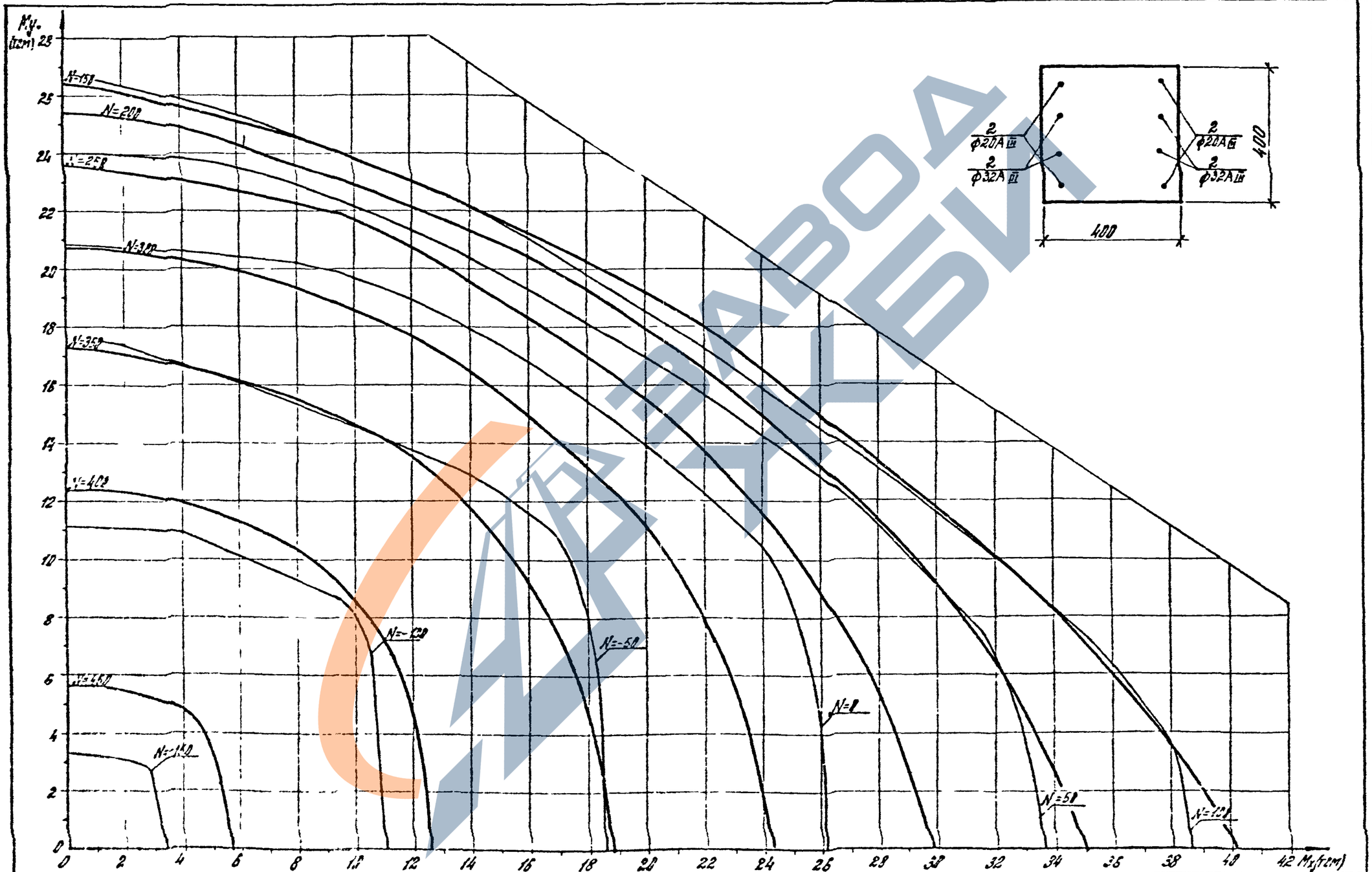
Лист 182

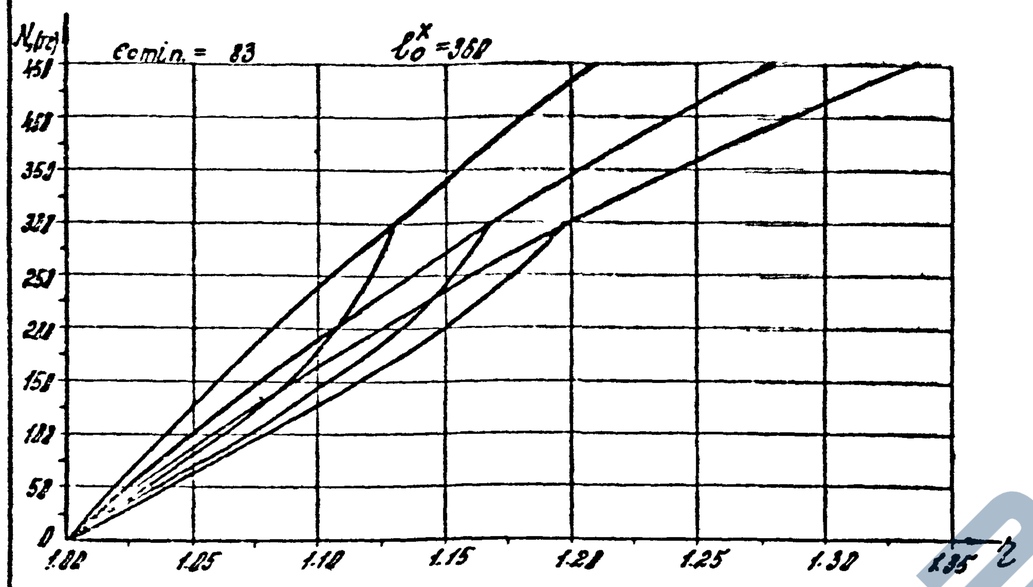


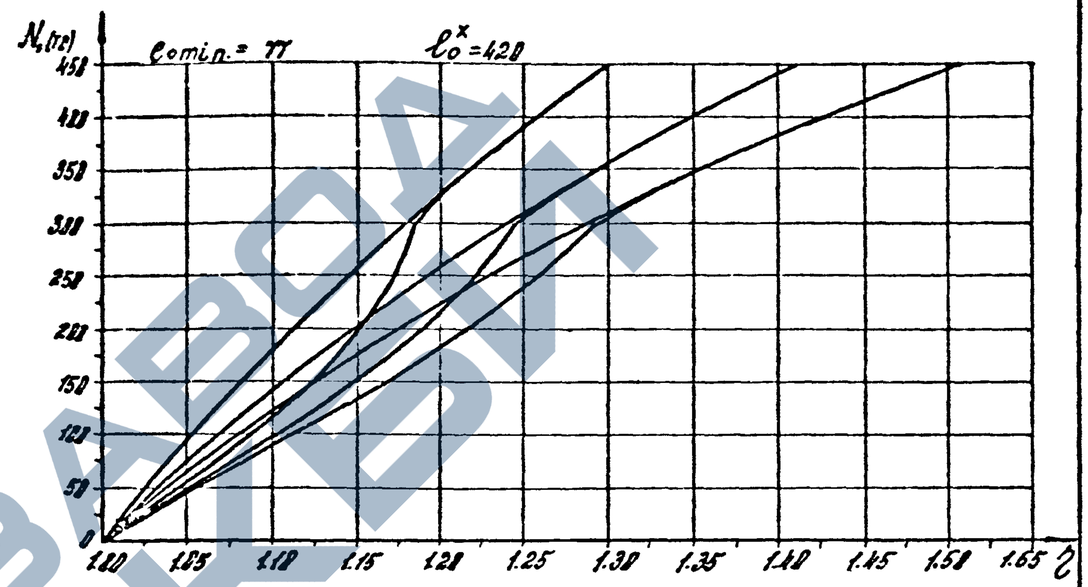
Класс бетона В40 (R_b=201 [illegible]/см² при учете γ_{b2}=0,9)

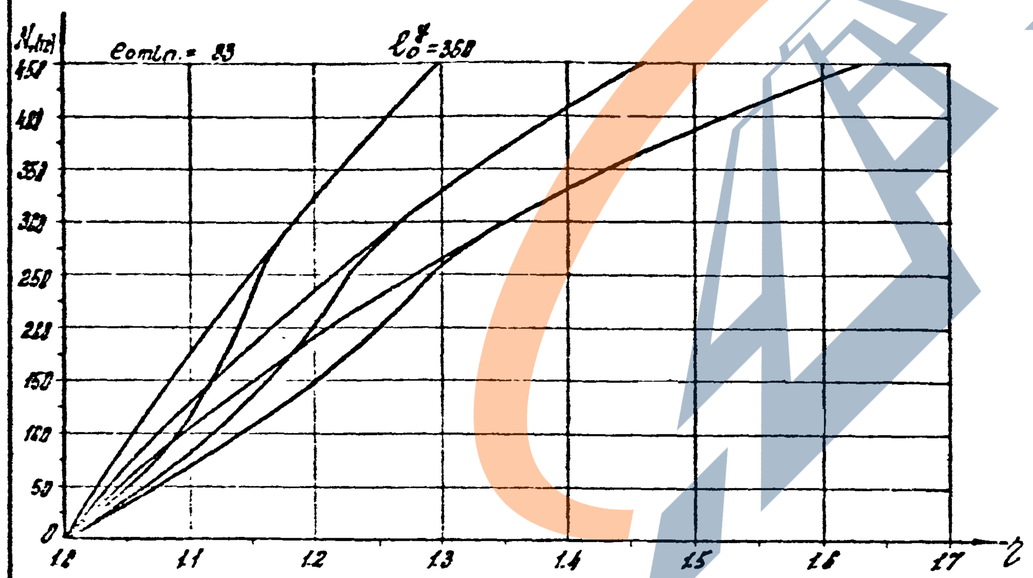
1.020-1/87. 0-6- 3 ПЗ

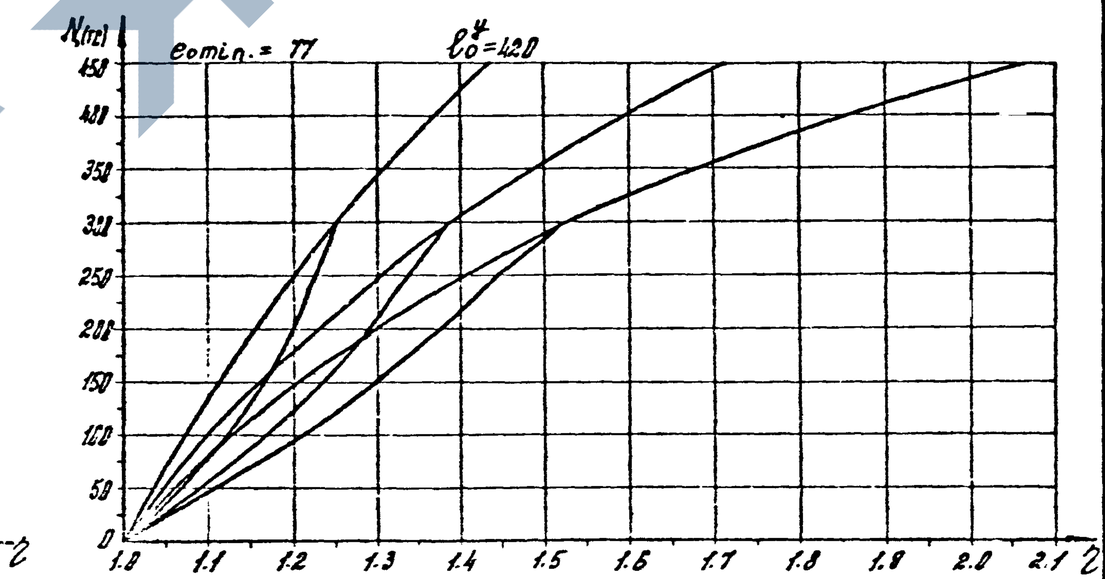
Лист 183

Вх. 32829 л. 190









Зх. 32829 л. 191

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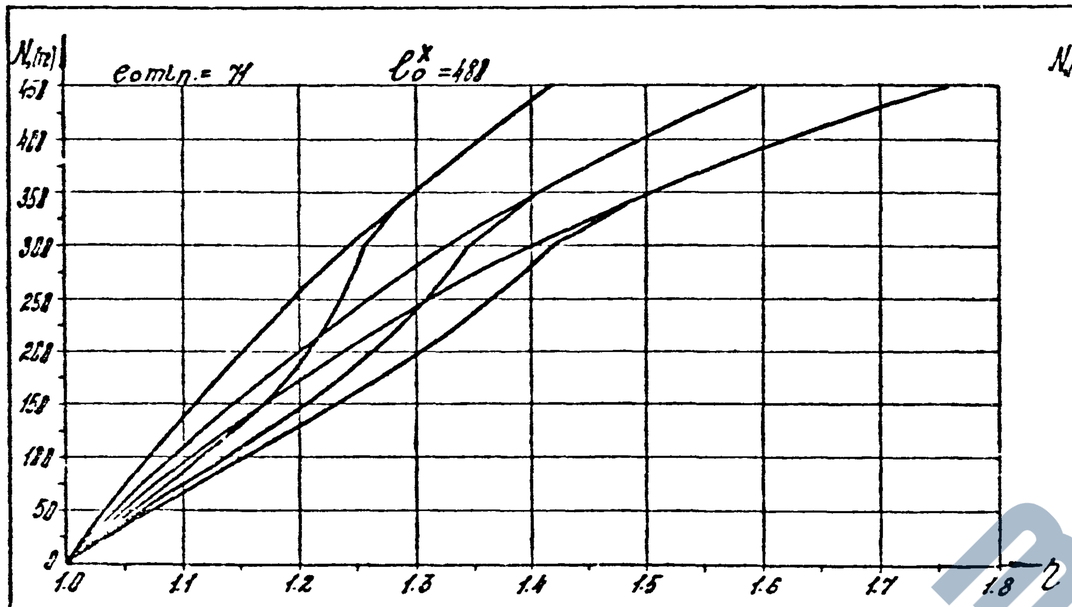

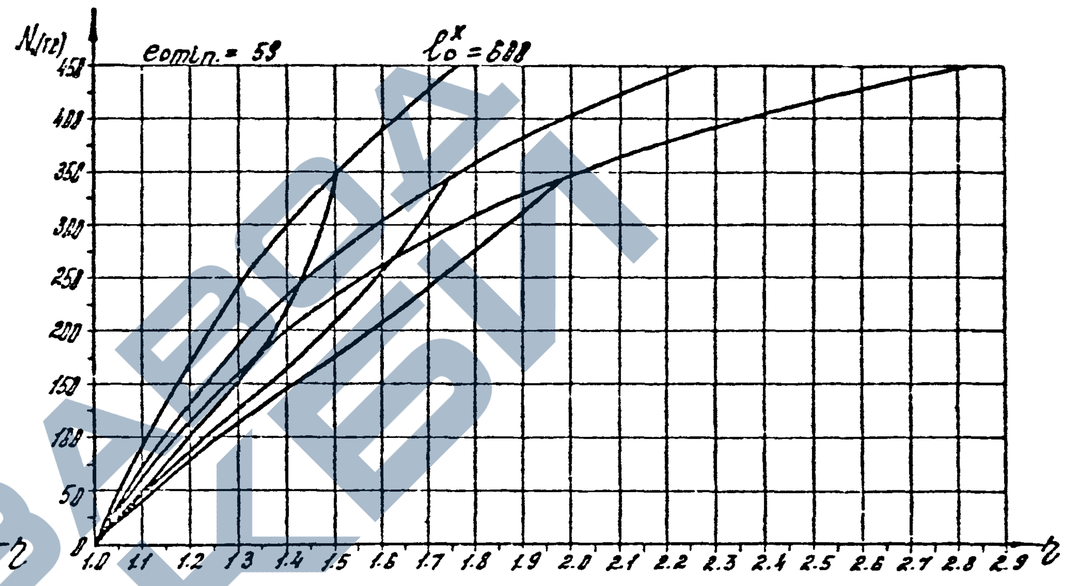

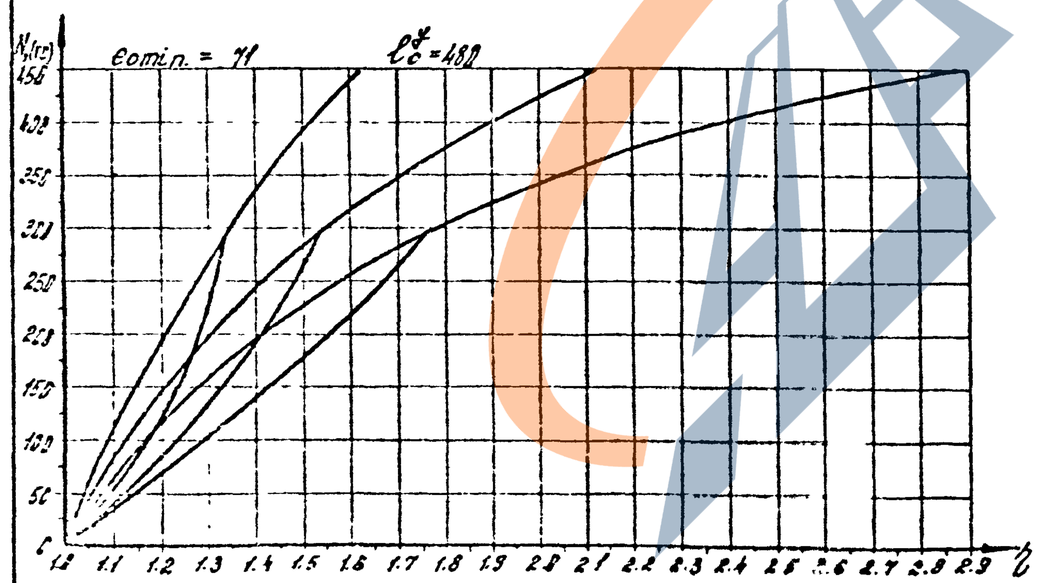

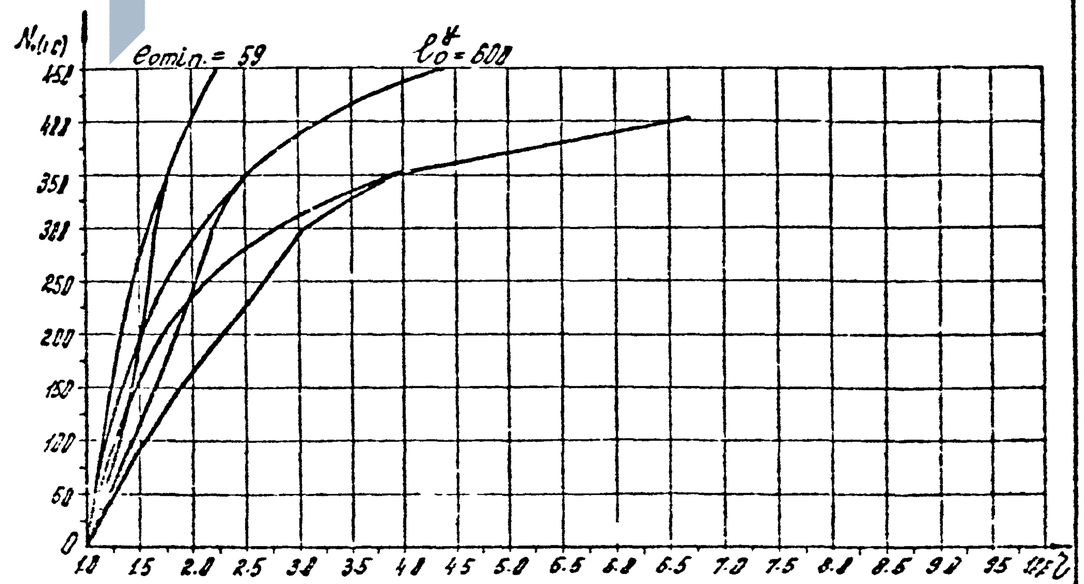

Вх. 32829 л. 192

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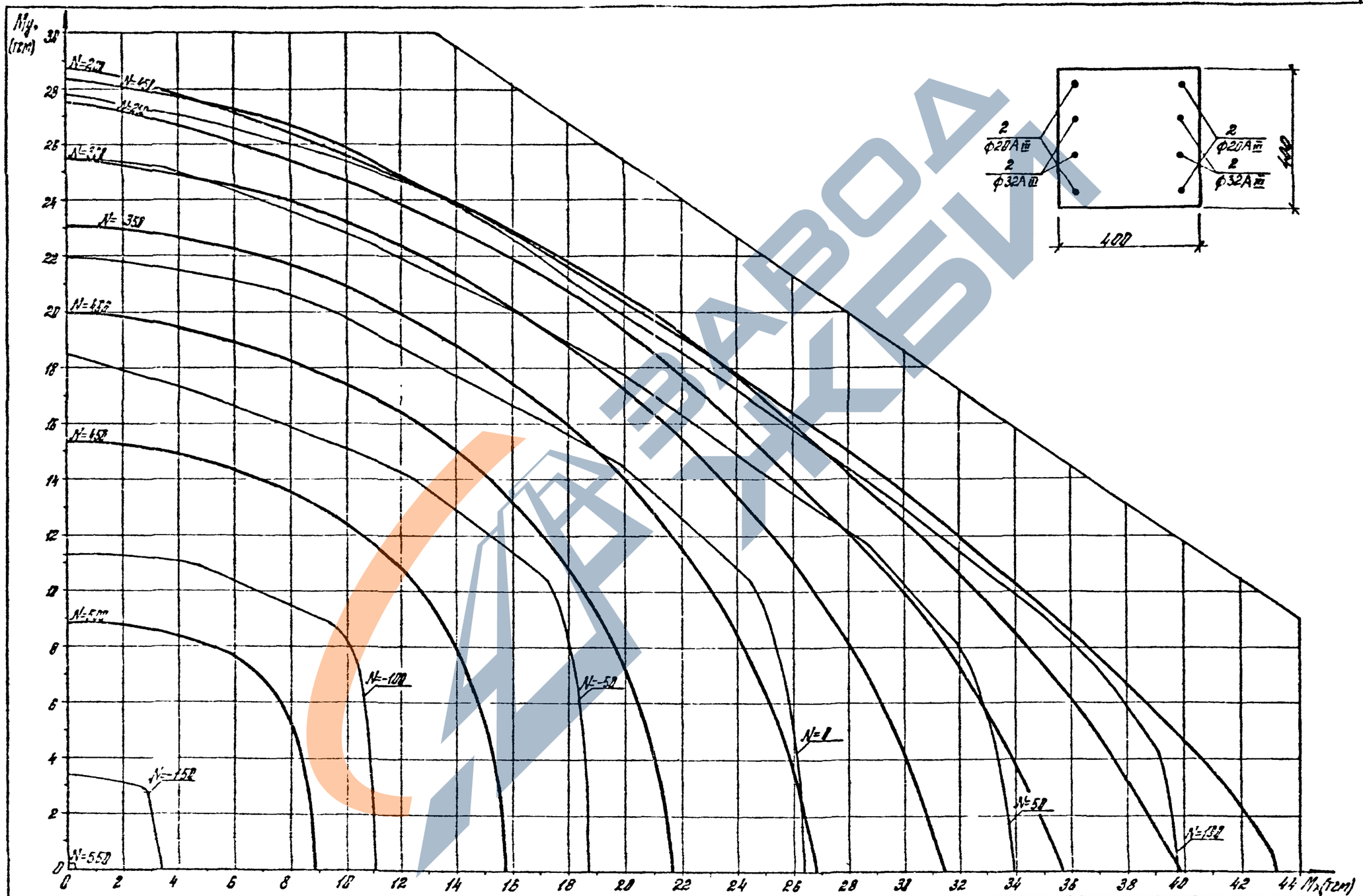
Лист 185



класс бетона В40 (R_b=246, 4 кгс/см² при учете γ_{b2} = 1.10)

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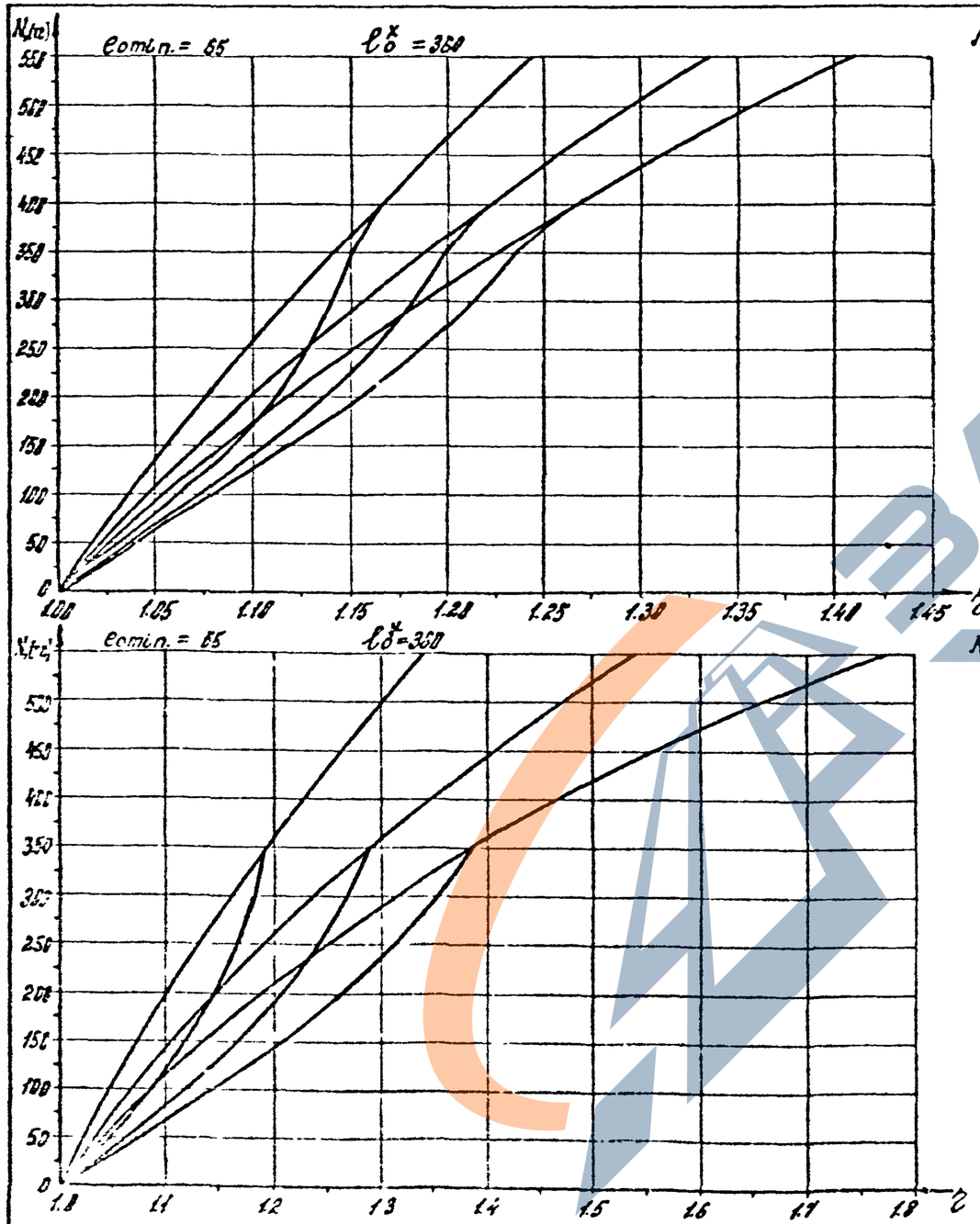
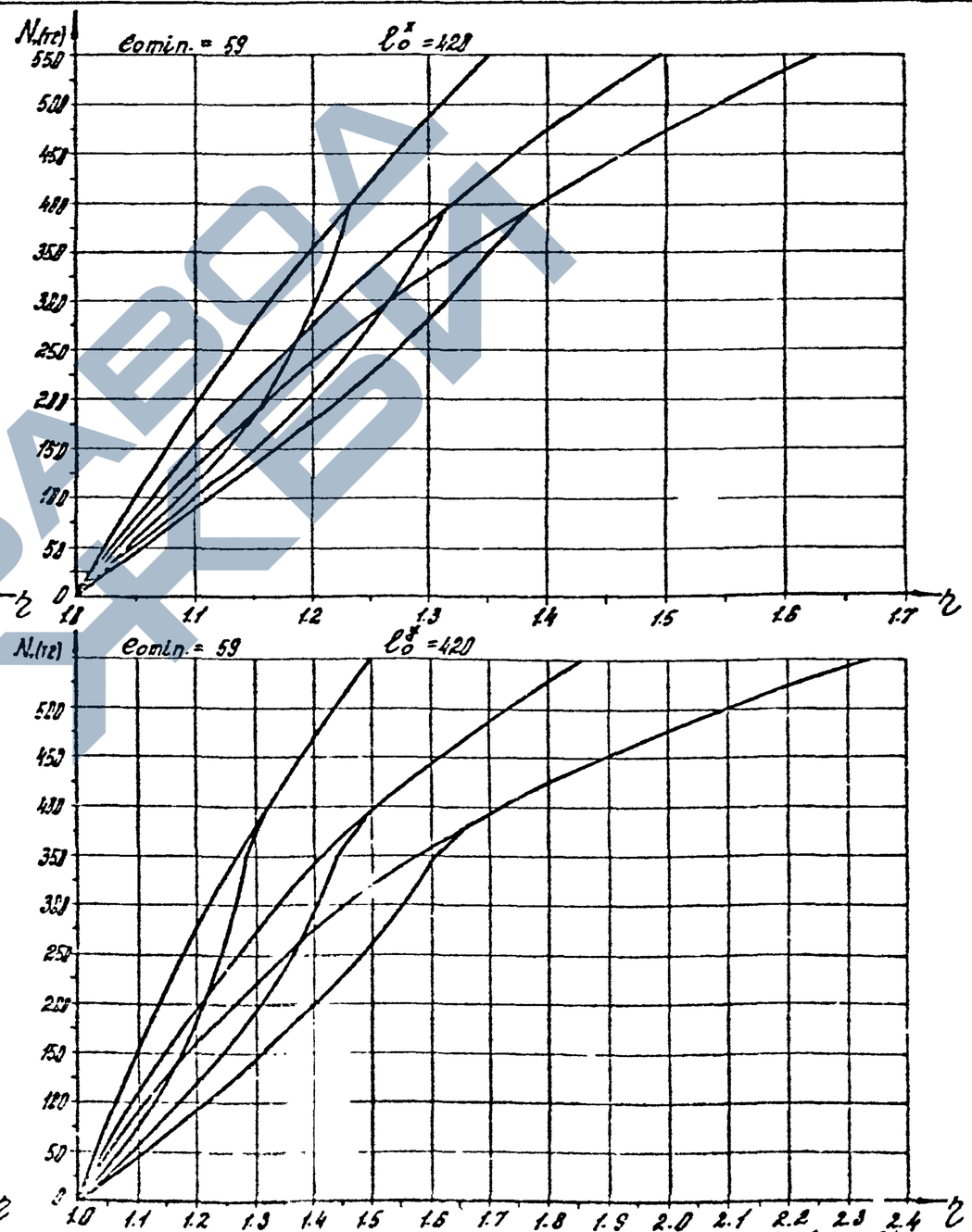
Лист 186

Вх. 32829 л. 193





Вх. 32829 л.194

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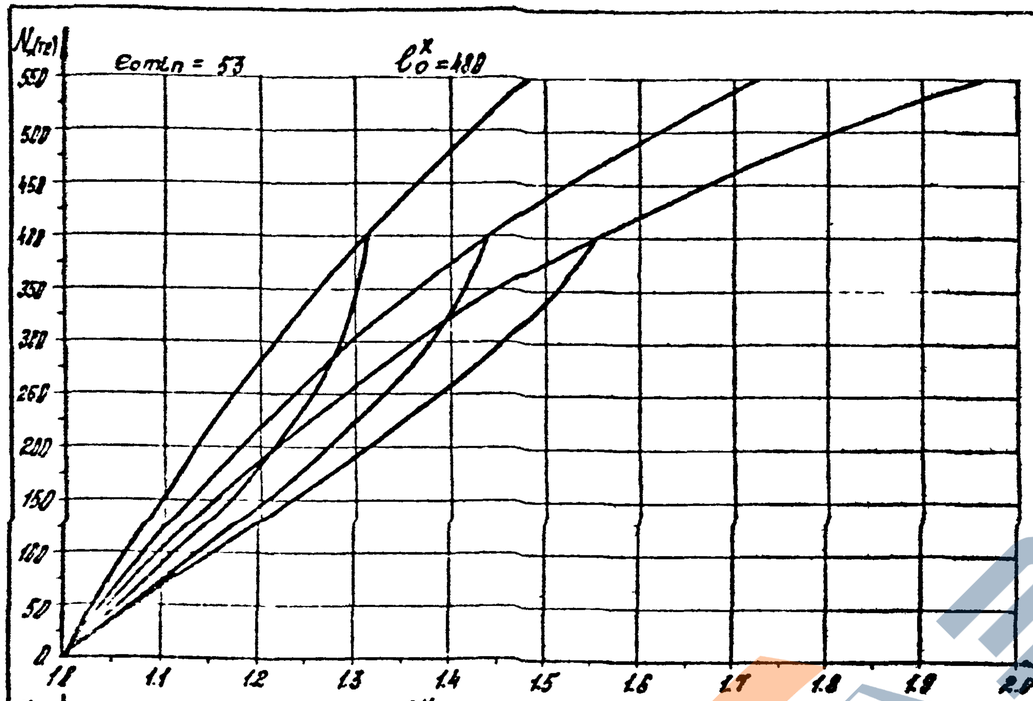
Лист 187


N,тс
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l₀ˣ = 480
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500
450
400
350
300
250
200
150
100
50
0
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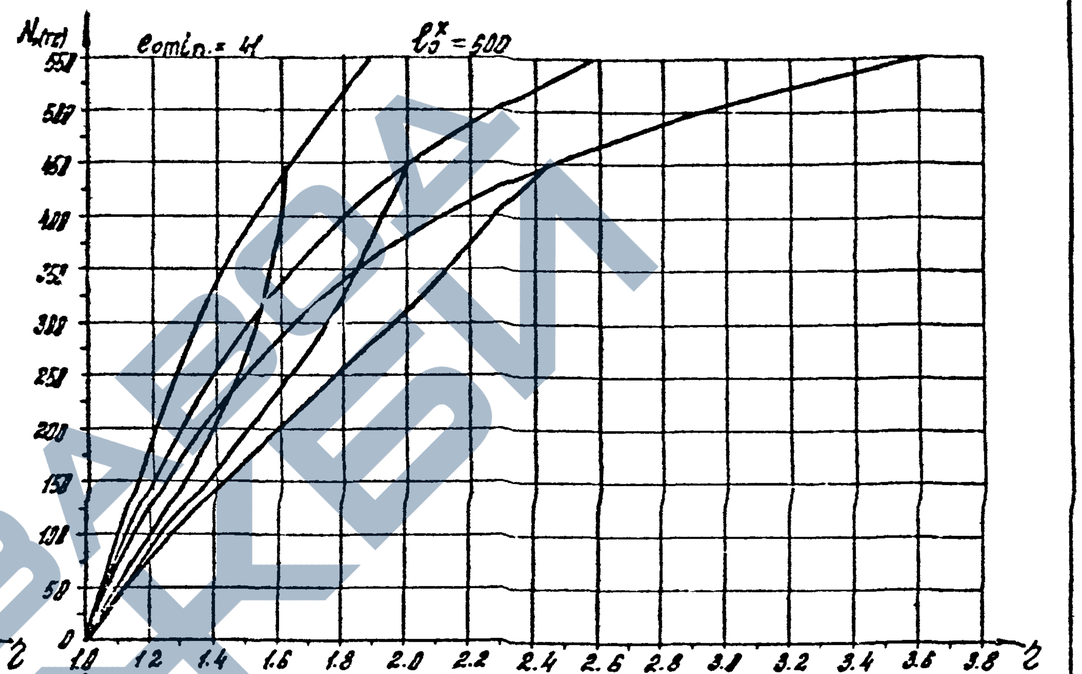
1.1
1.2
1.3
1.4
1.5
1.6
1.7
1.8
1.9
2.0
l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100
50
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1.2
1.4
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1.8
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2.8
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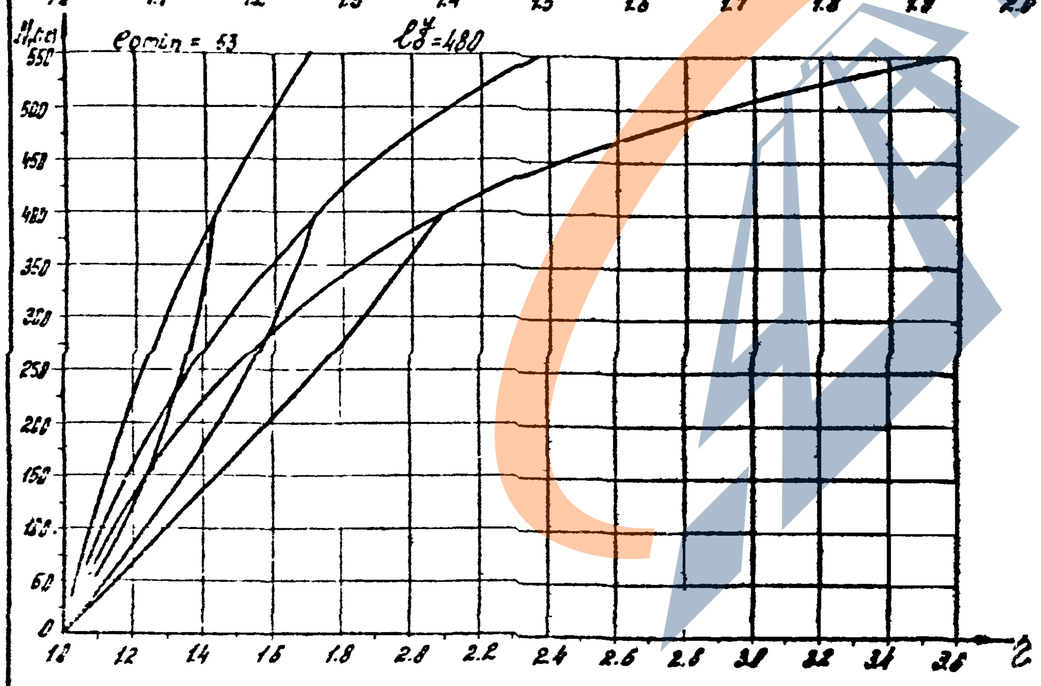
3.8
l


N,тс
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l₀ʸ = 480
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3.0
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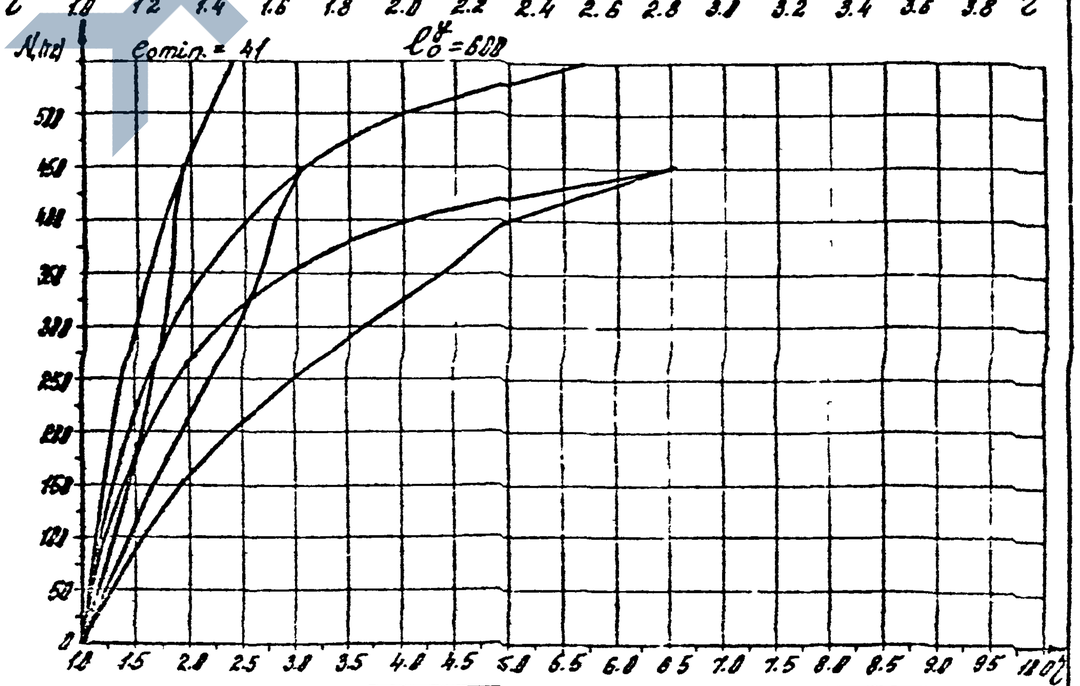
3.4
3.6
l


N,тс
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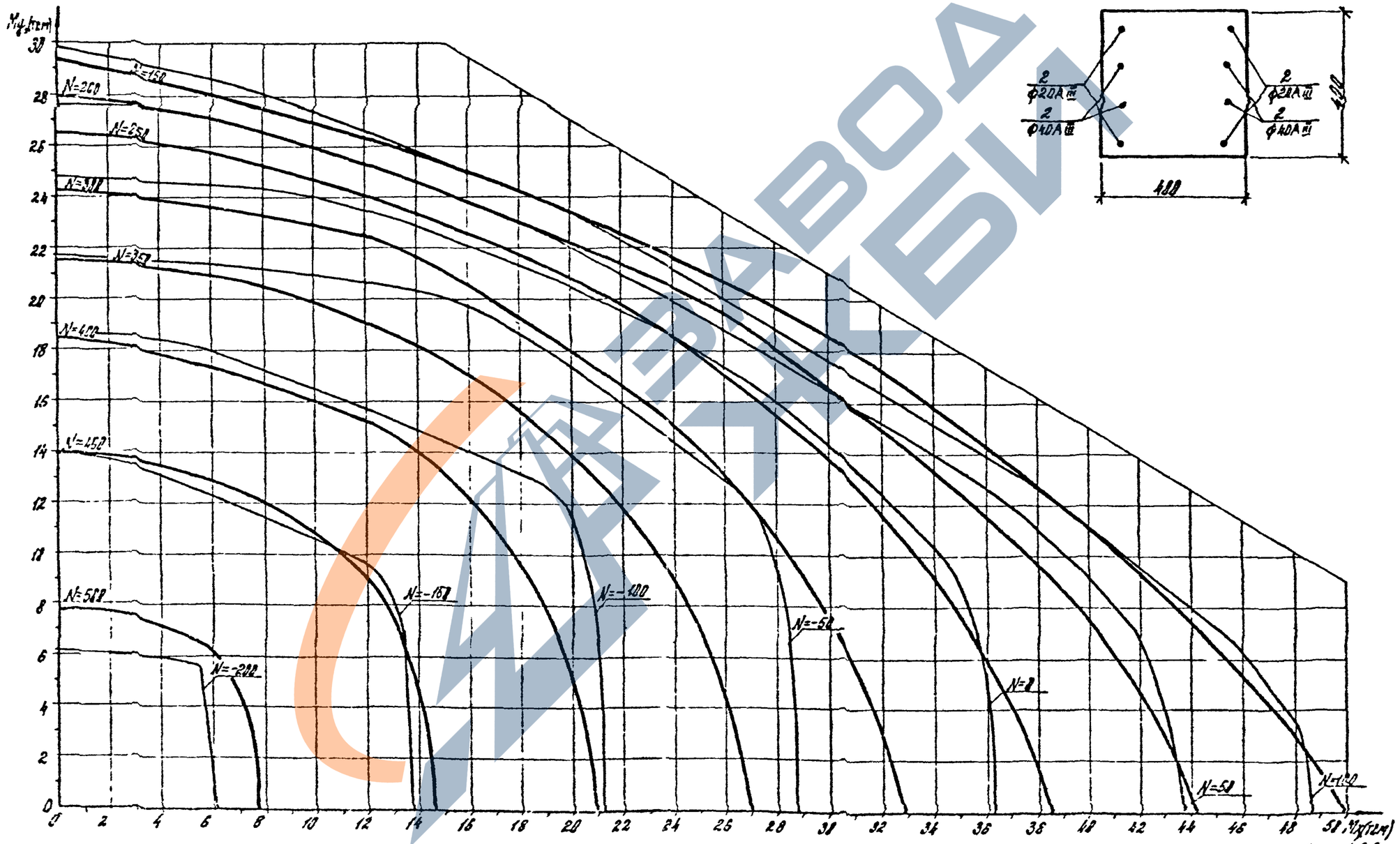
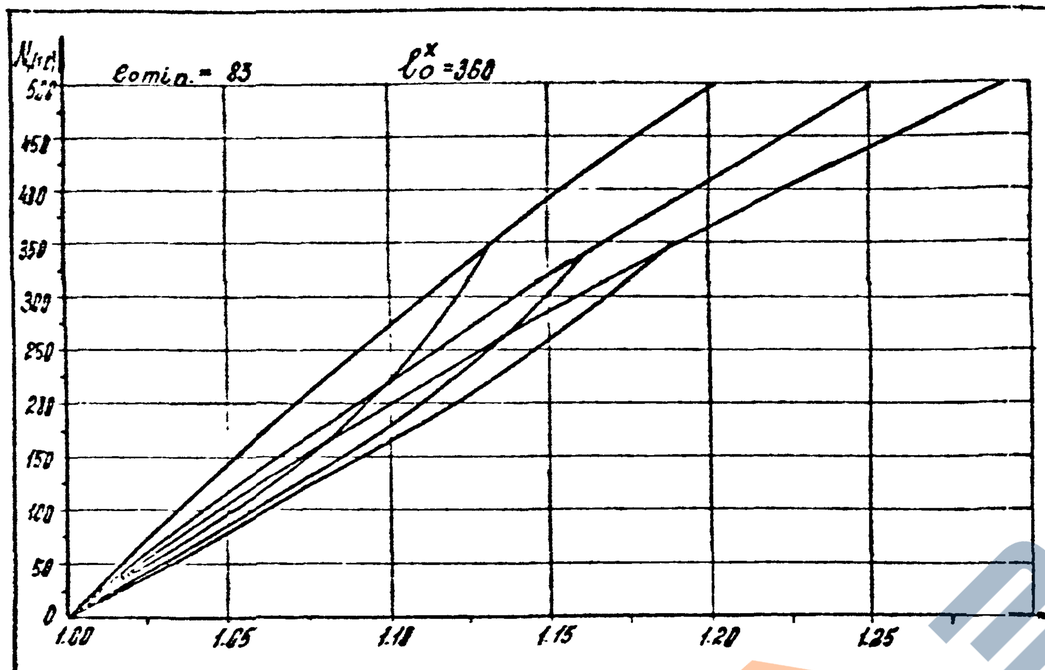
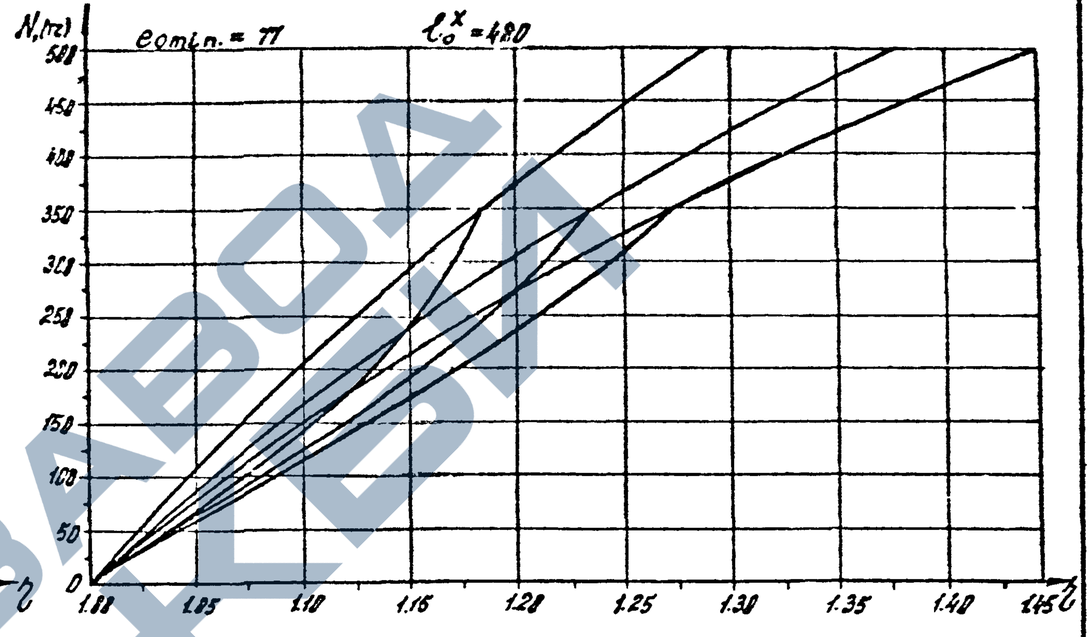
10.0
l

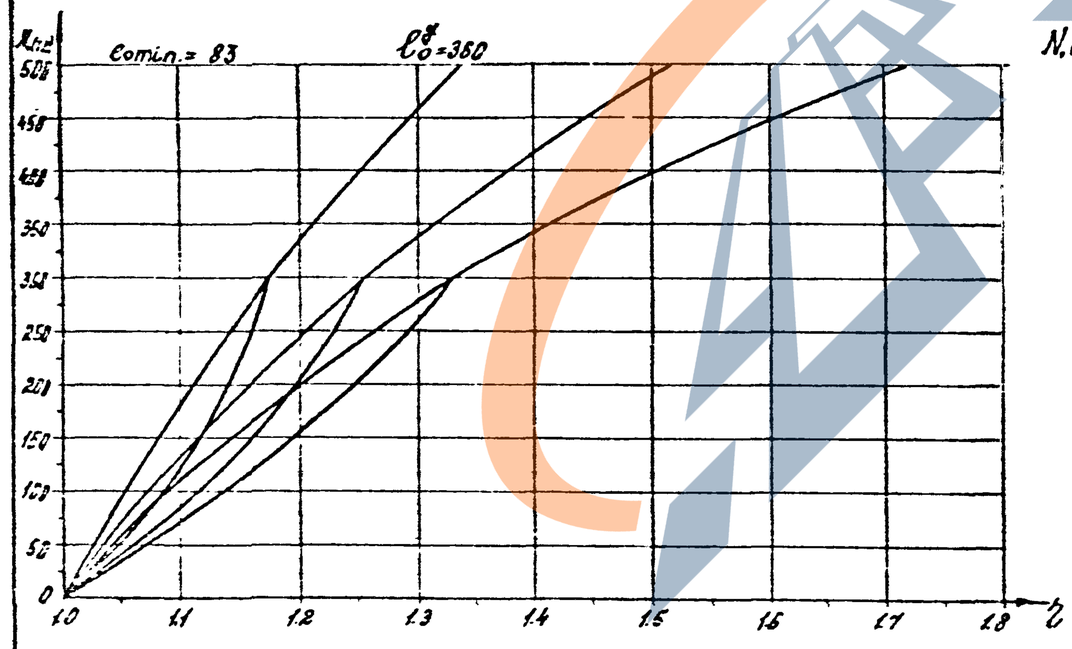


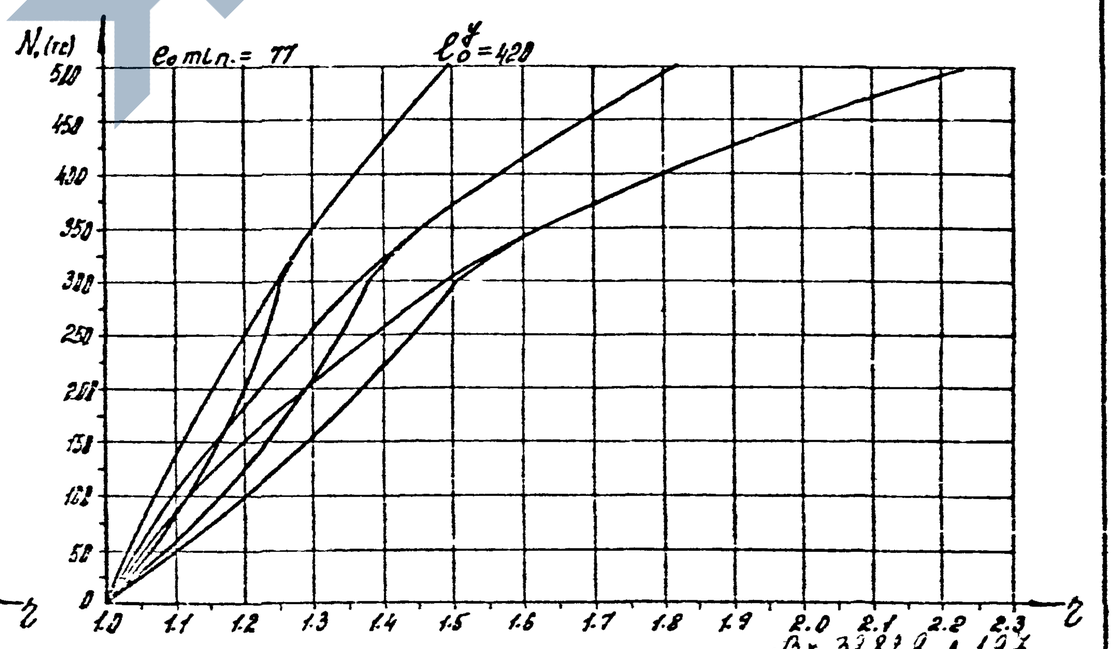
Класс бетона В45 (R_b^o=201.6кгс/см² при учете γ_{b2}=0,9)

Вх. 3282.9 л. 196









Вх. 32829 л. 197

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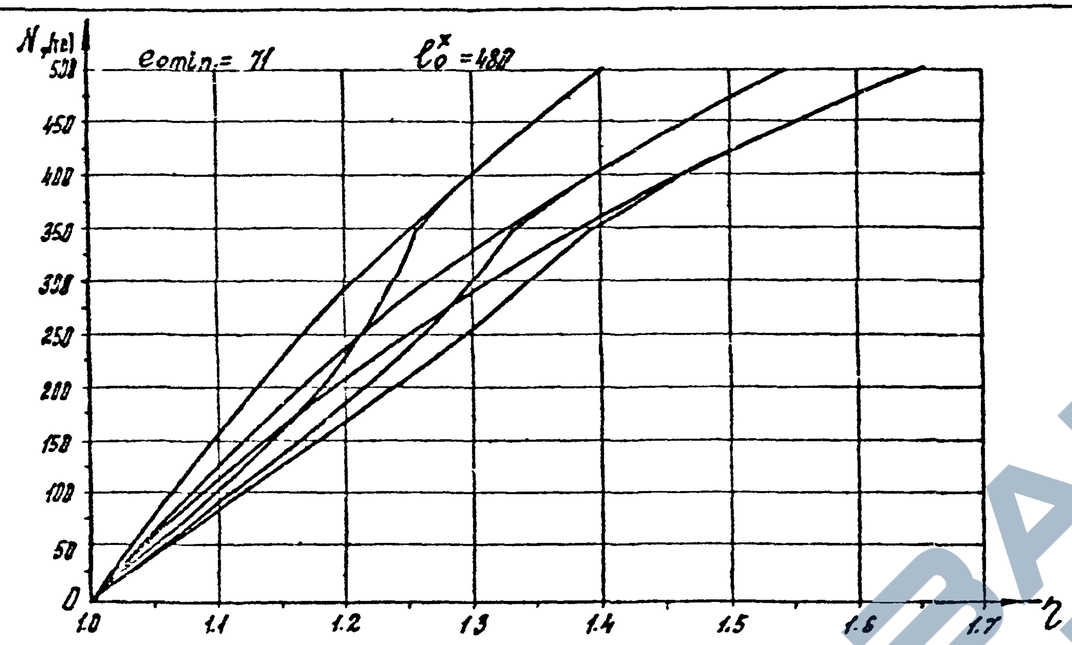
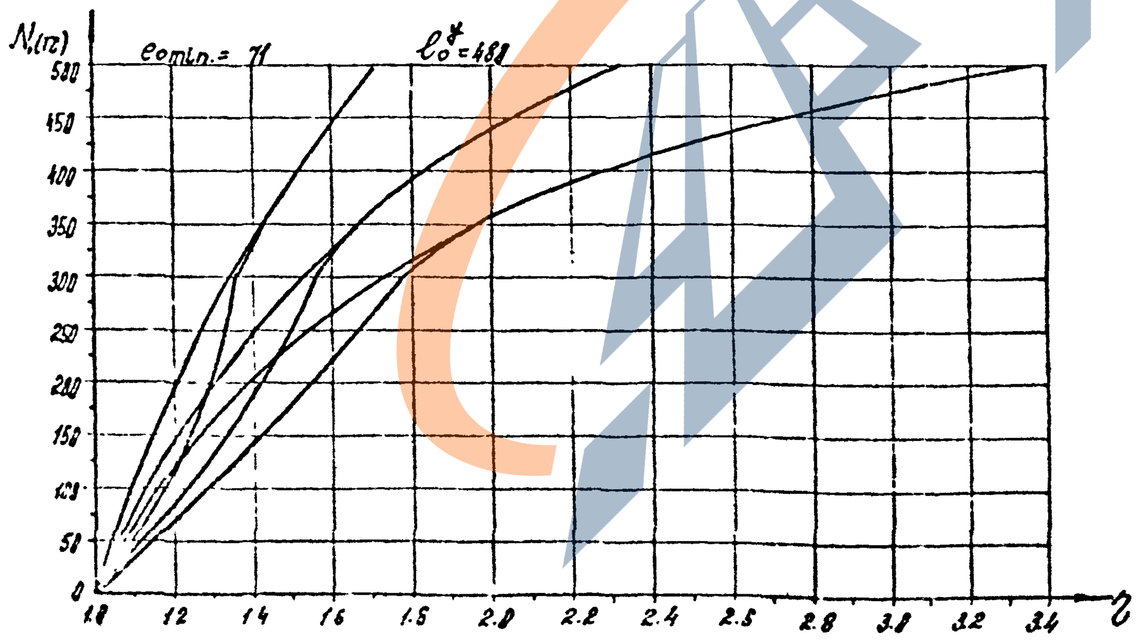
Лист 190





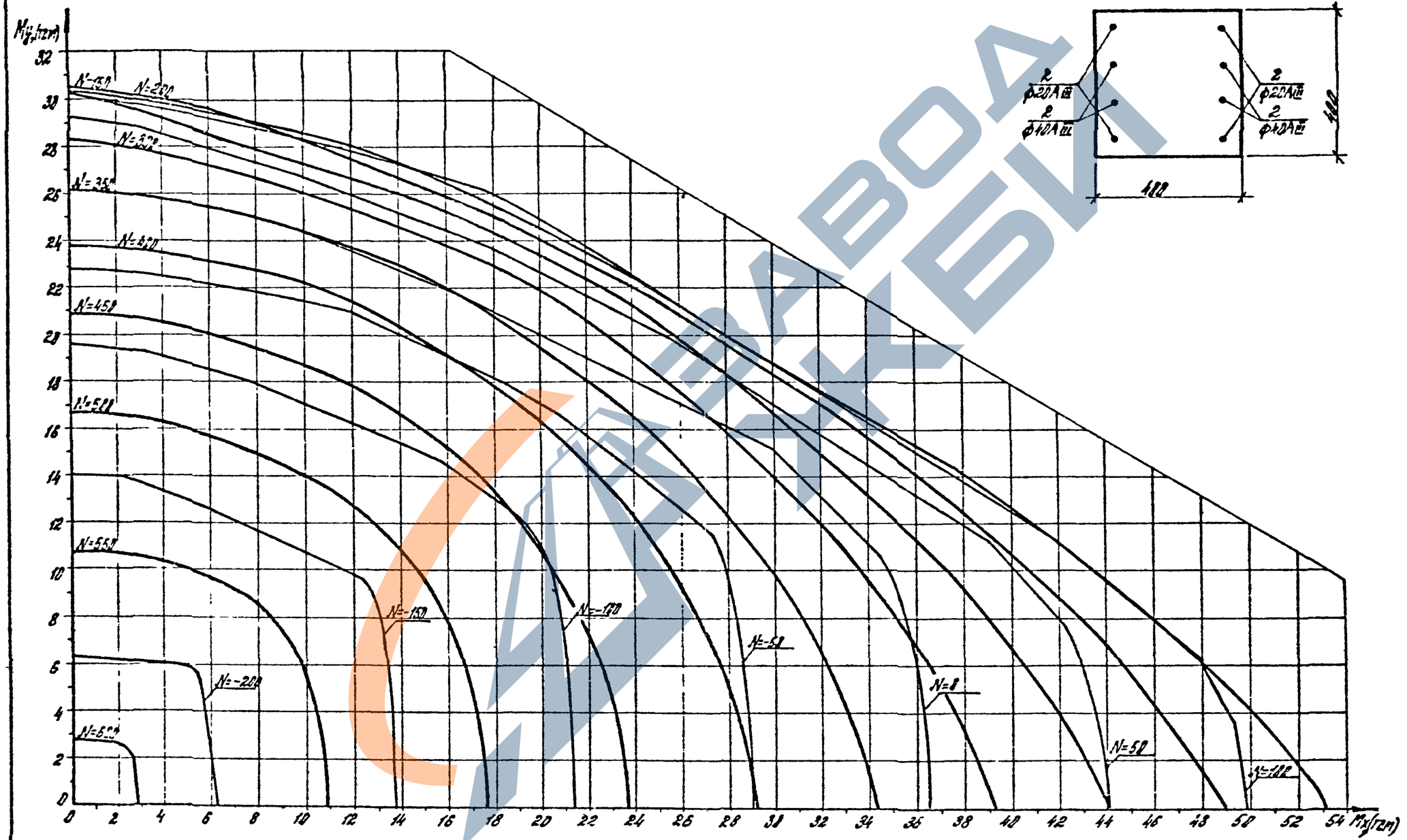
ЗАВОД ЖБИ

Вх. 32829 л. 198

1.020-1/87. 0-5- ЗПЗ

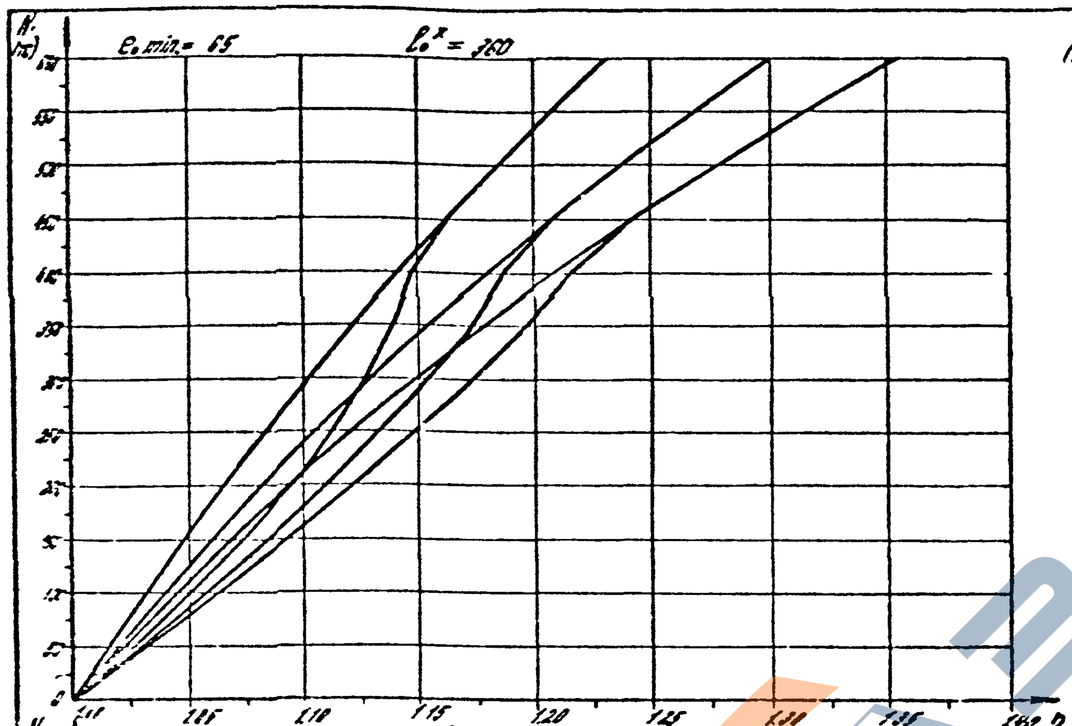
Лист 191

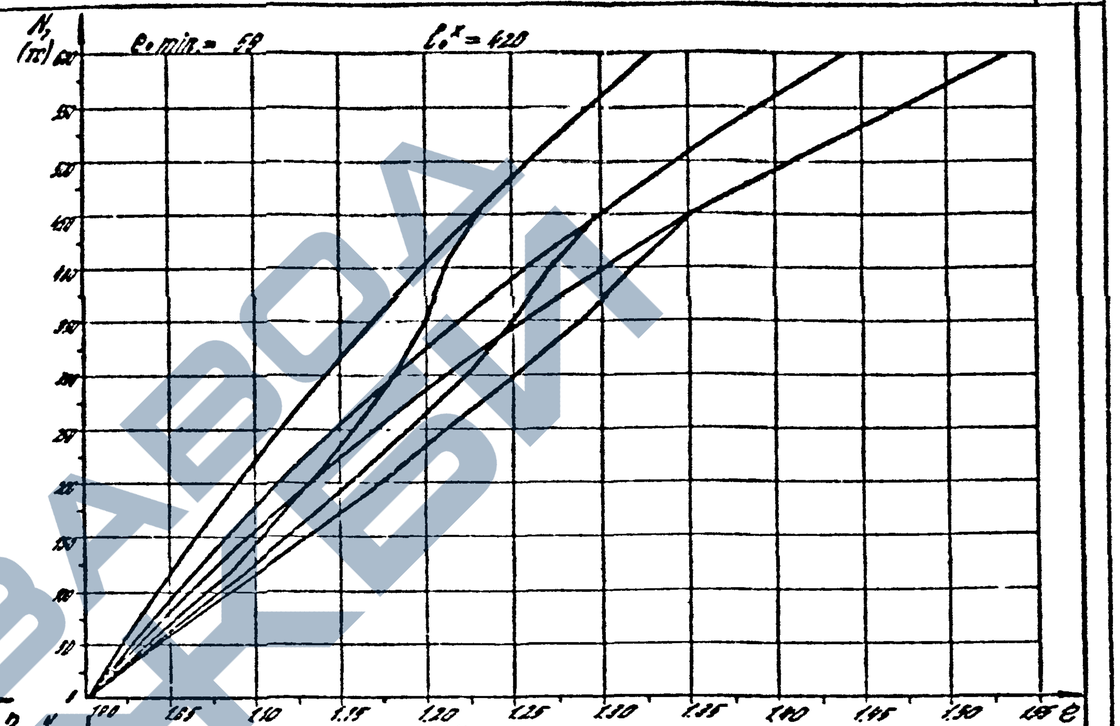
https://zavodjbi.com/

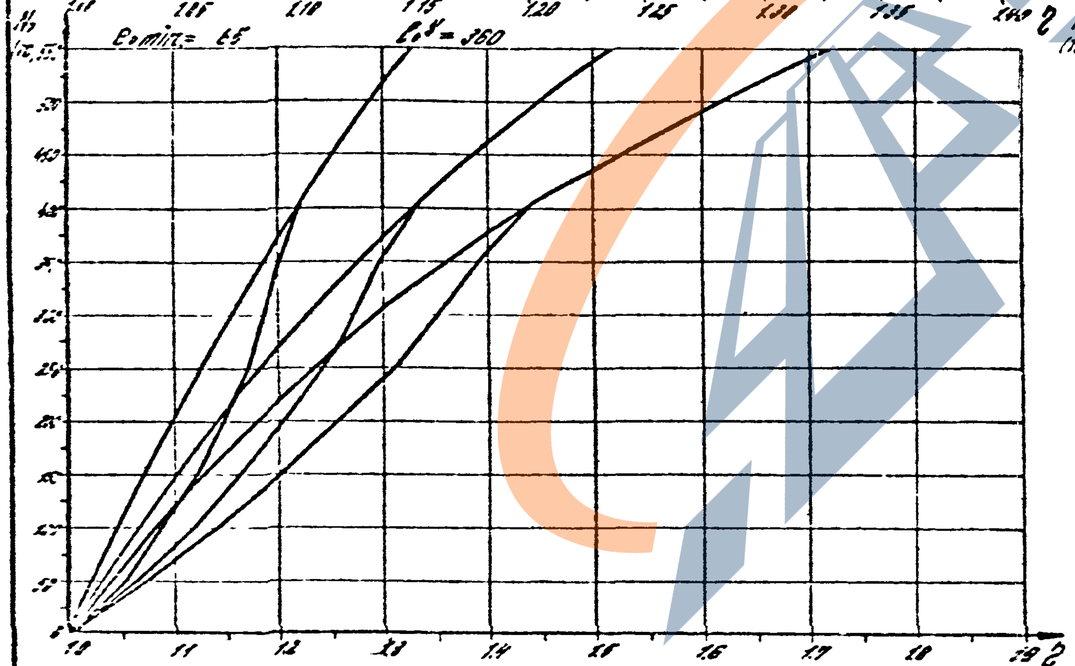


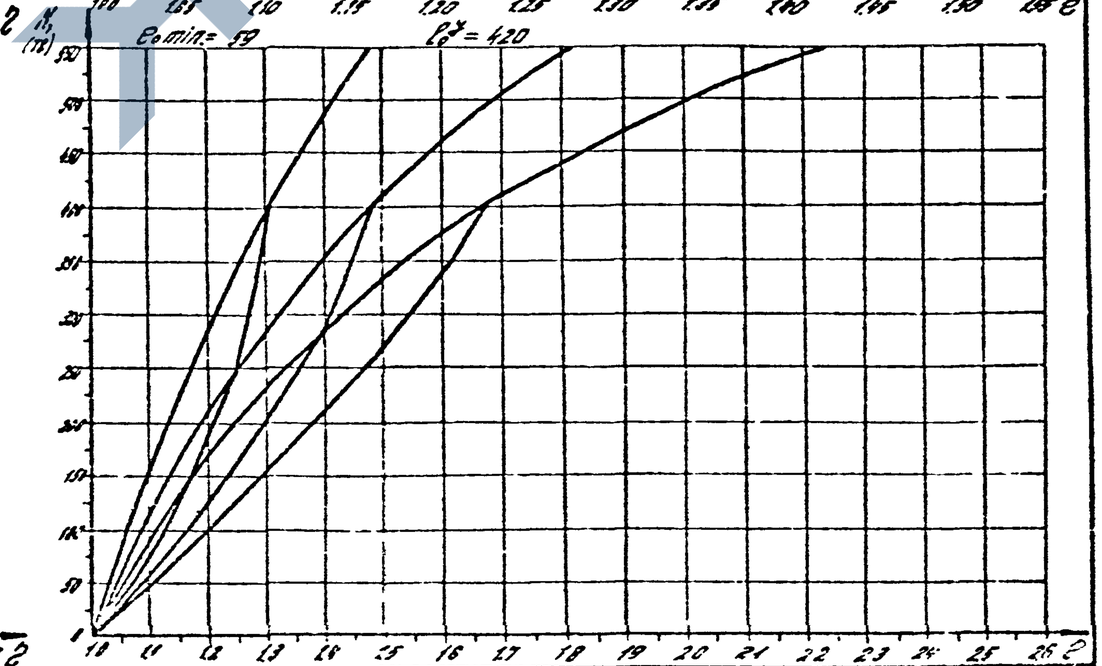
Бетон класса В40 (R_B=246,4 кгс/см² при учете γ_{b2}=1.10)

Вх. 32829 л. 199









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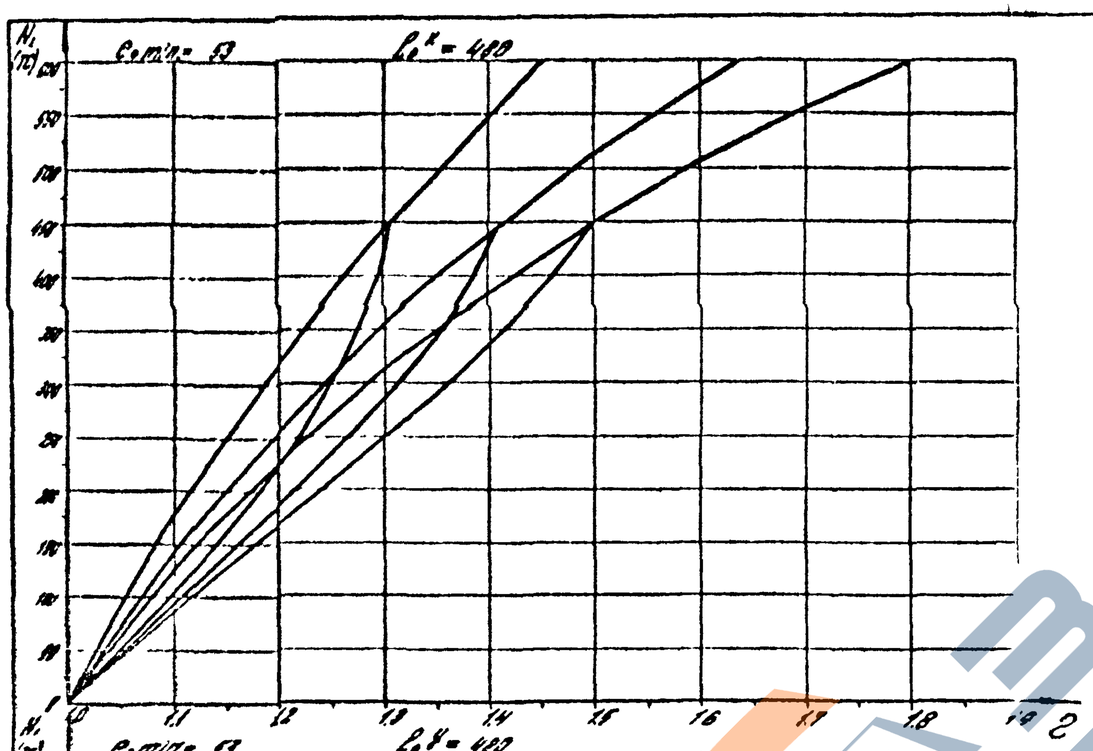
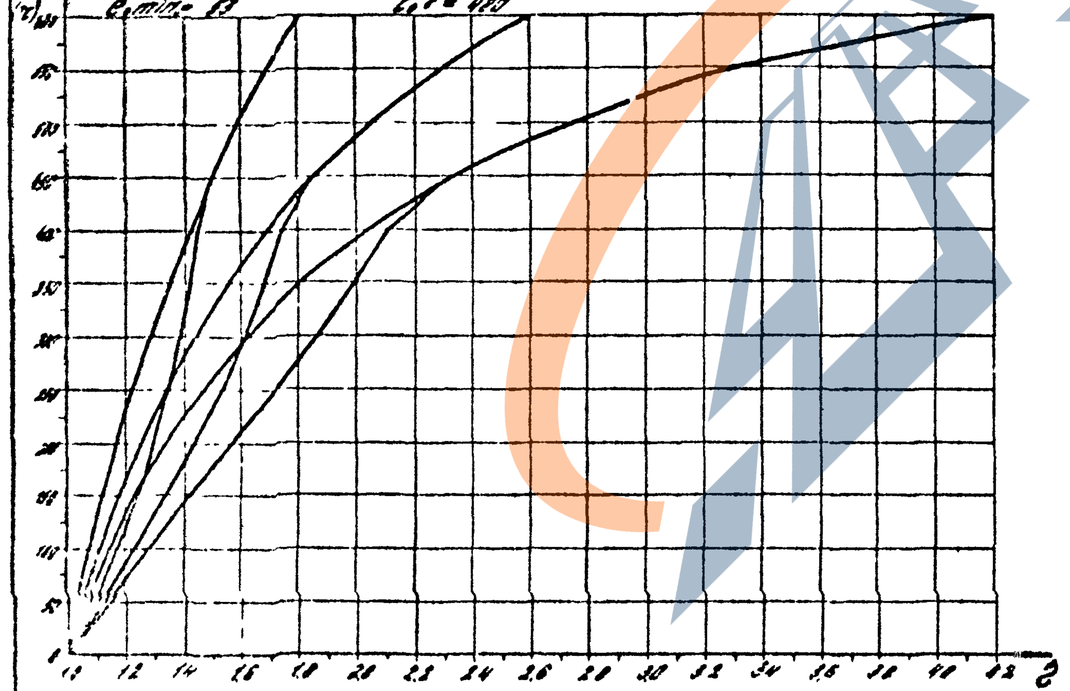
Лист 193

Вх. 32843 л 200

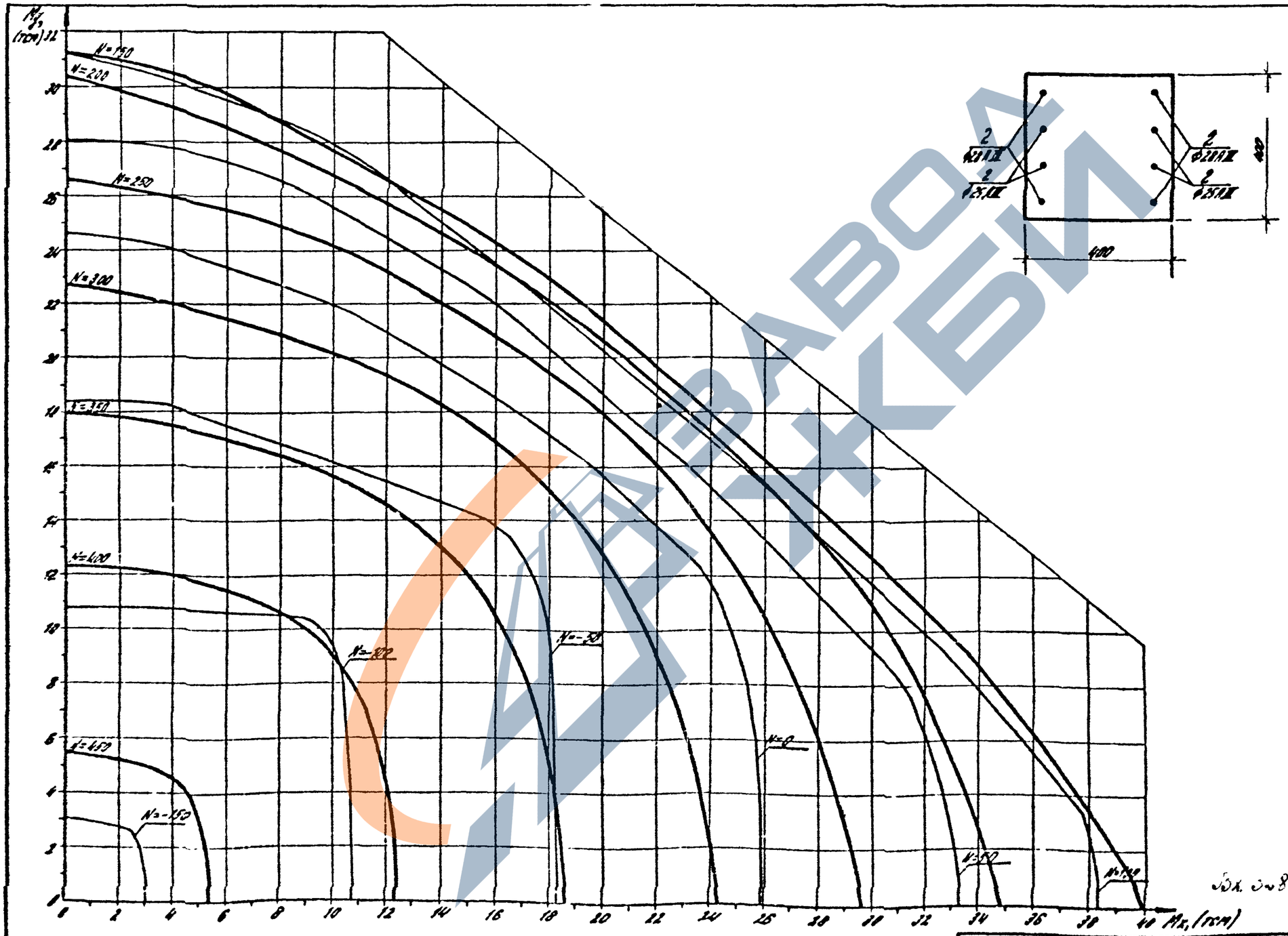




ЗАВОД ЖБИ

Вл. 32829 л. 201

1.020 – 1/87. 0-6- 3 ПЗ



Класс бетона ЗНО ($R_в$=201.5 кгс/см² при учете $\gamma_{в2}$=0,9)

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