

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 С-6

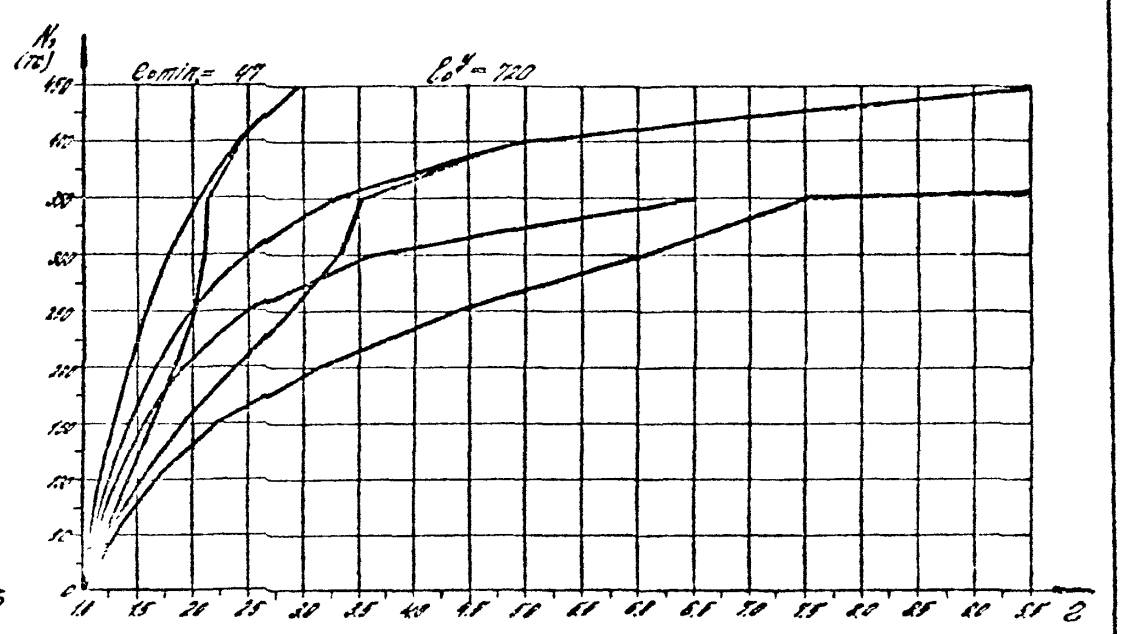
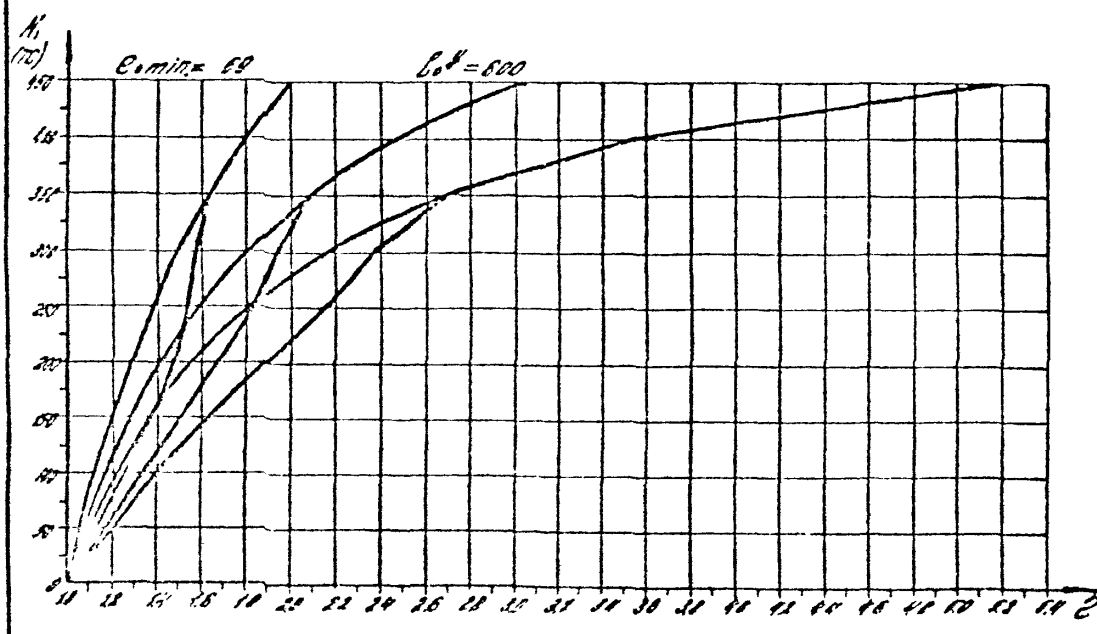
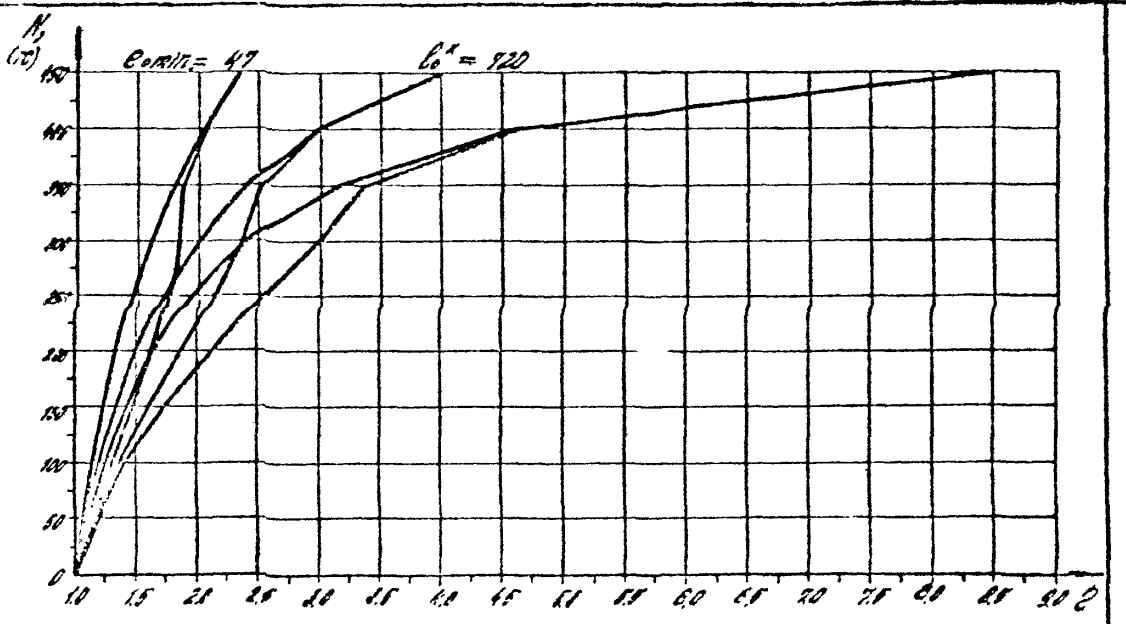
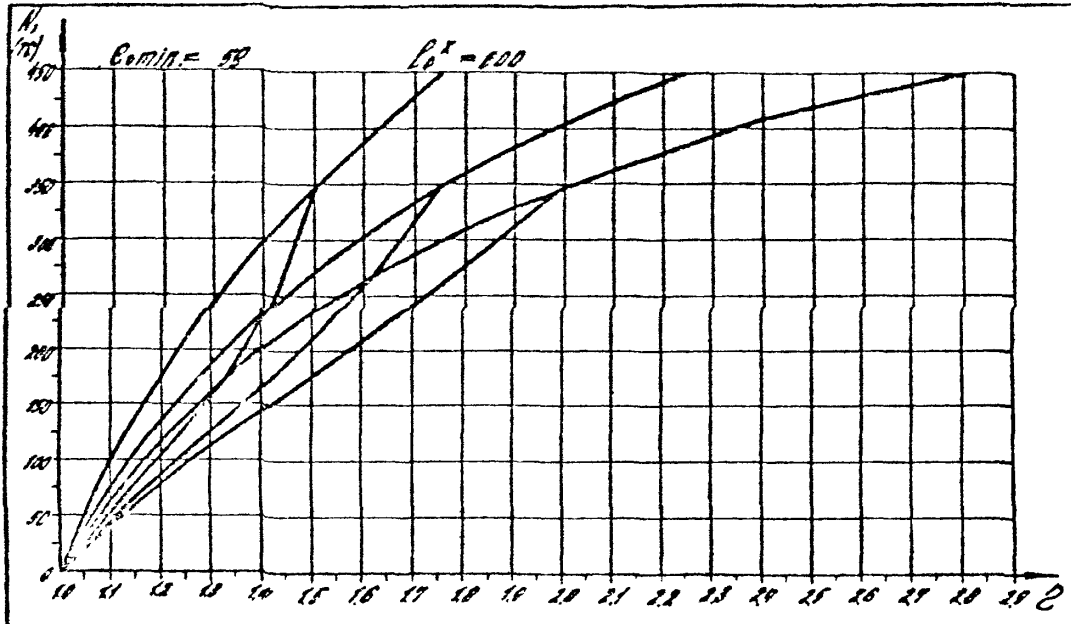
ГРАФИКИ НЕСУЩИХ СПОСОБНОСТЕЙ КОЛОНН  
ДЛЯ ЗДАНИЙ С ВЫСОТАМИ ЭТАЖЕЙ  
4,8; 6,0 И 7,2 М

ЧАСТЬ 3

(СТР. 201...247)

24788-3

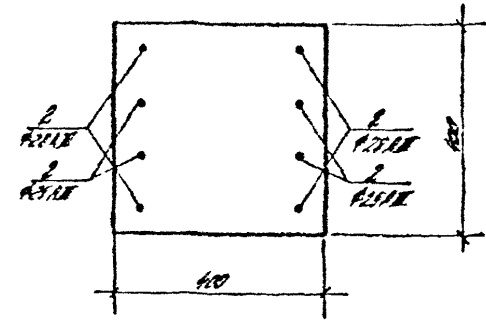
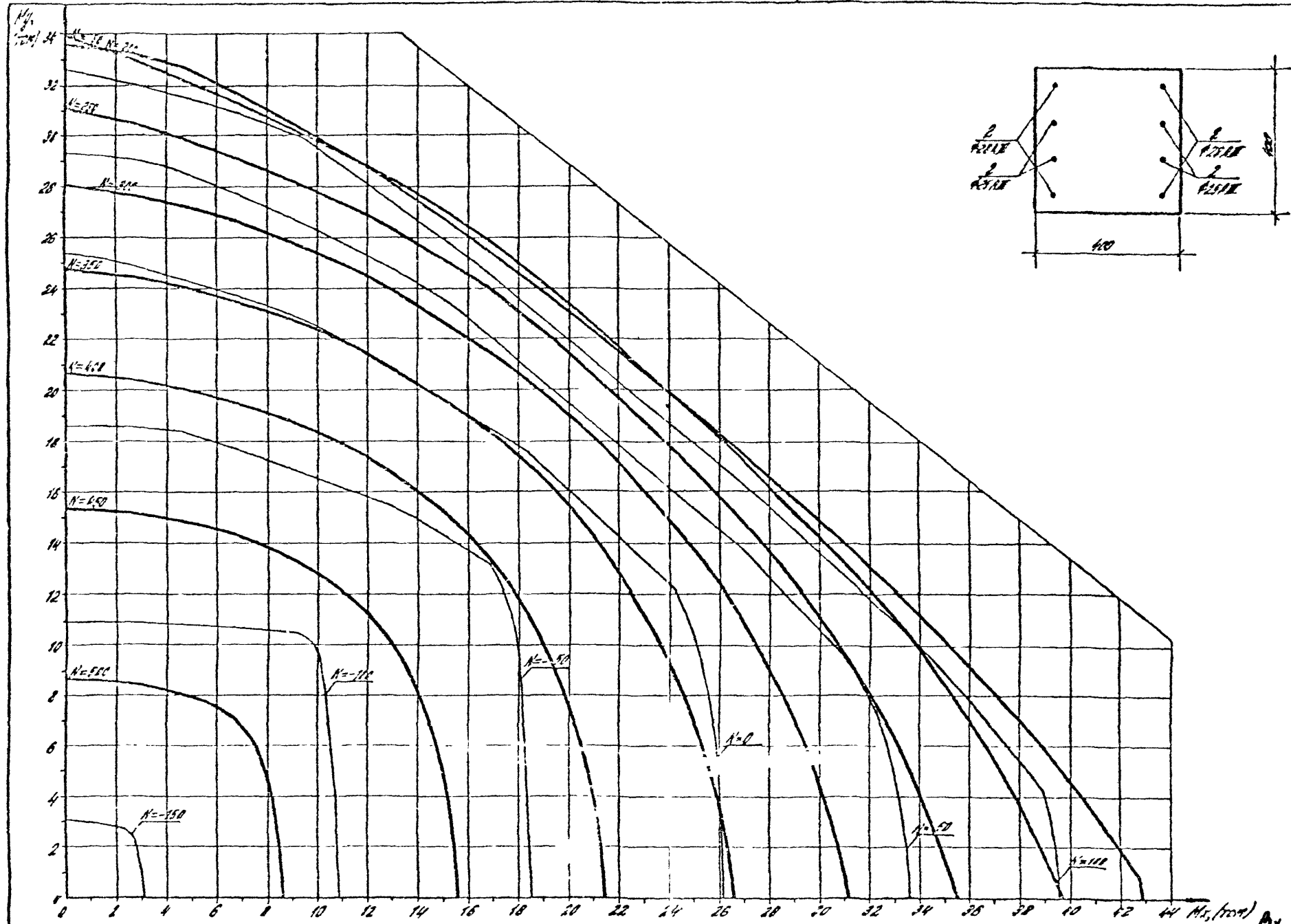
Вх. 32829 л. 203



Box 32829 A204

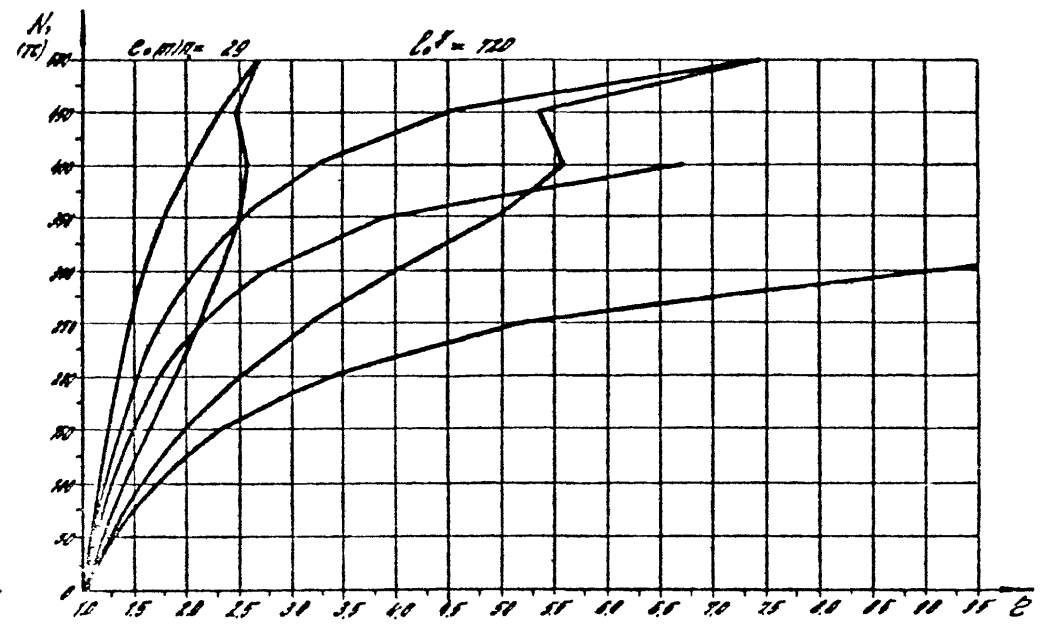
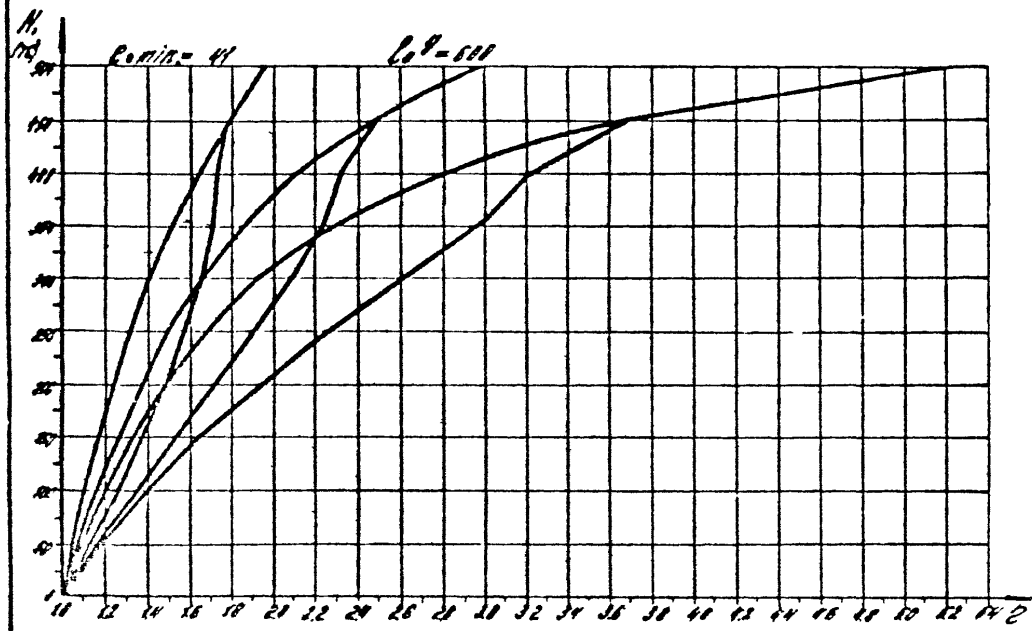
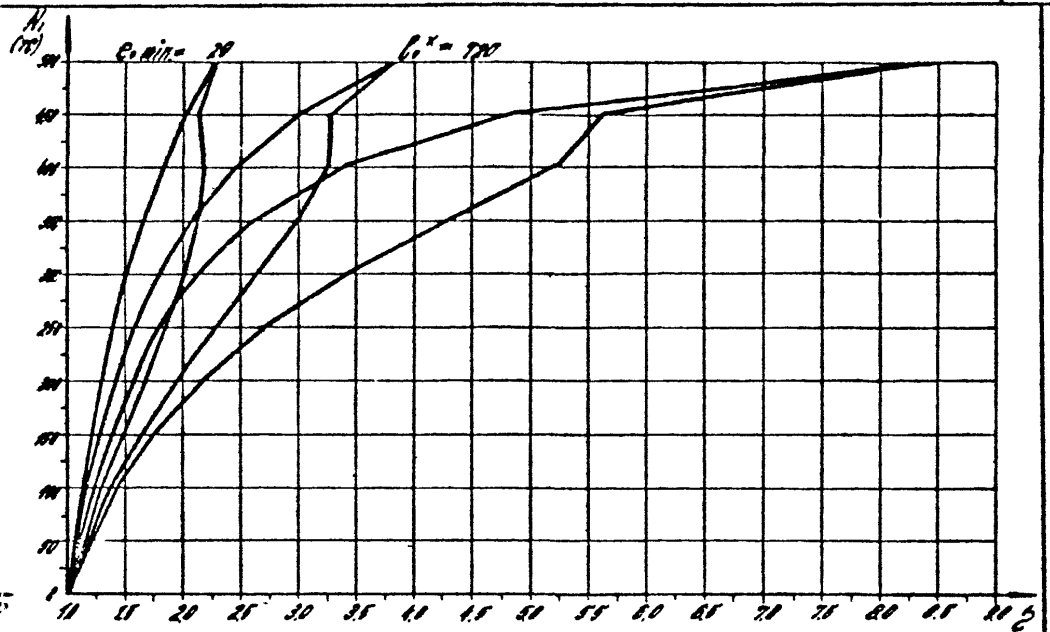
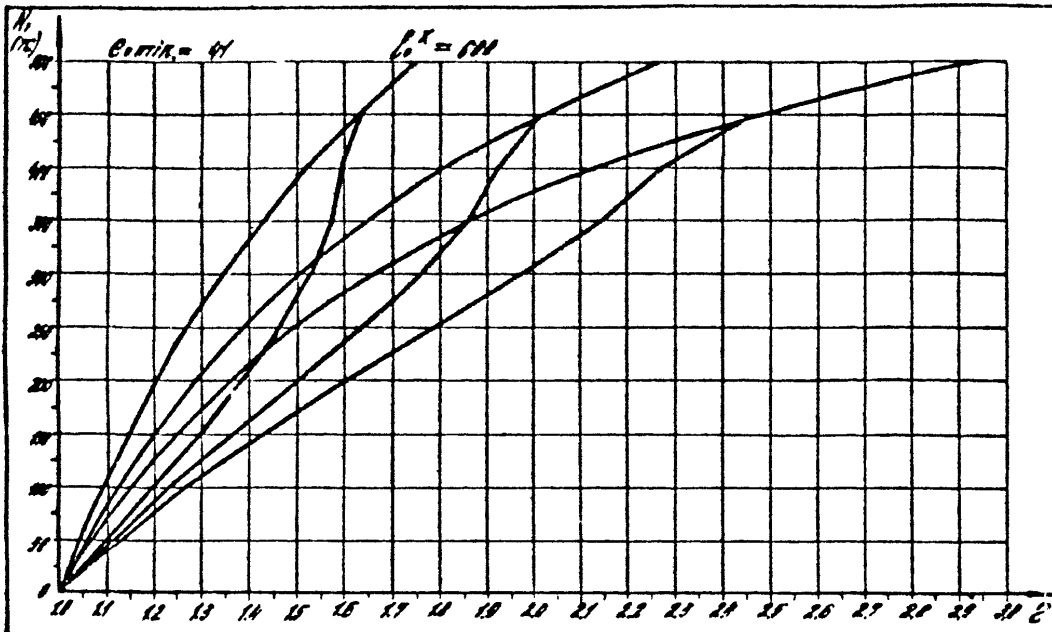
1020-1/87. 0-6 - 3 173

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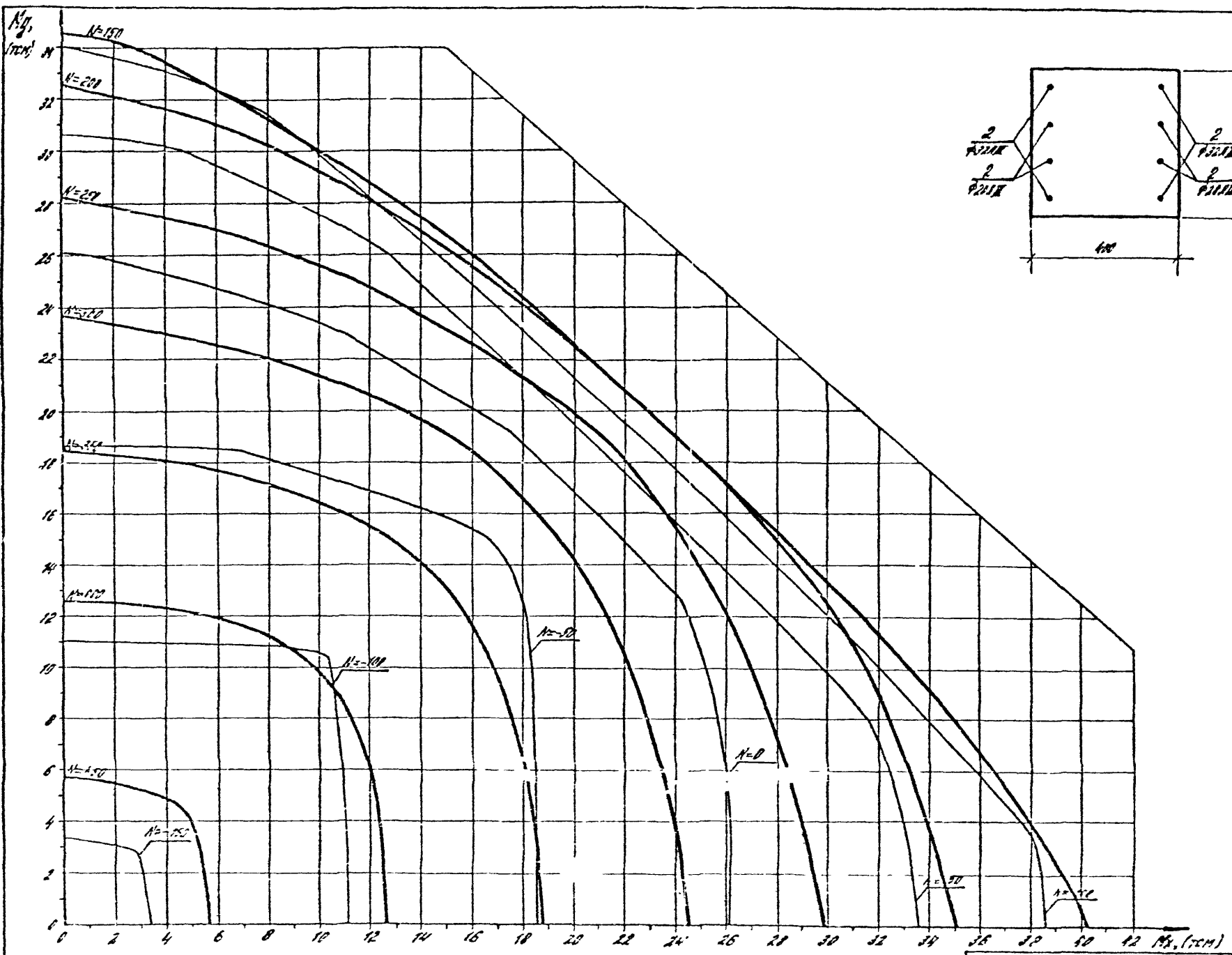


Кривые для бетона B 10 ( $R_B = 245.4 \text{ кгс/см}^2$  при  $f_{ct} = 1.10$ )

Ды. 32829 J.204  
 1.020-1/87.0-6-3 ПЗ  
 187



Bx. 32829 J. 206

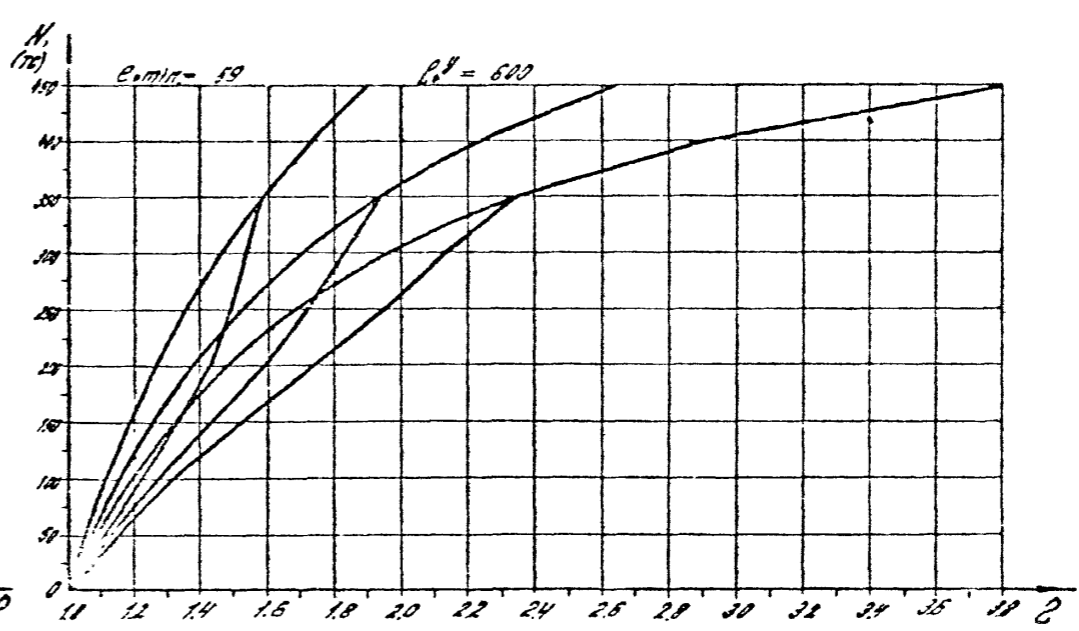
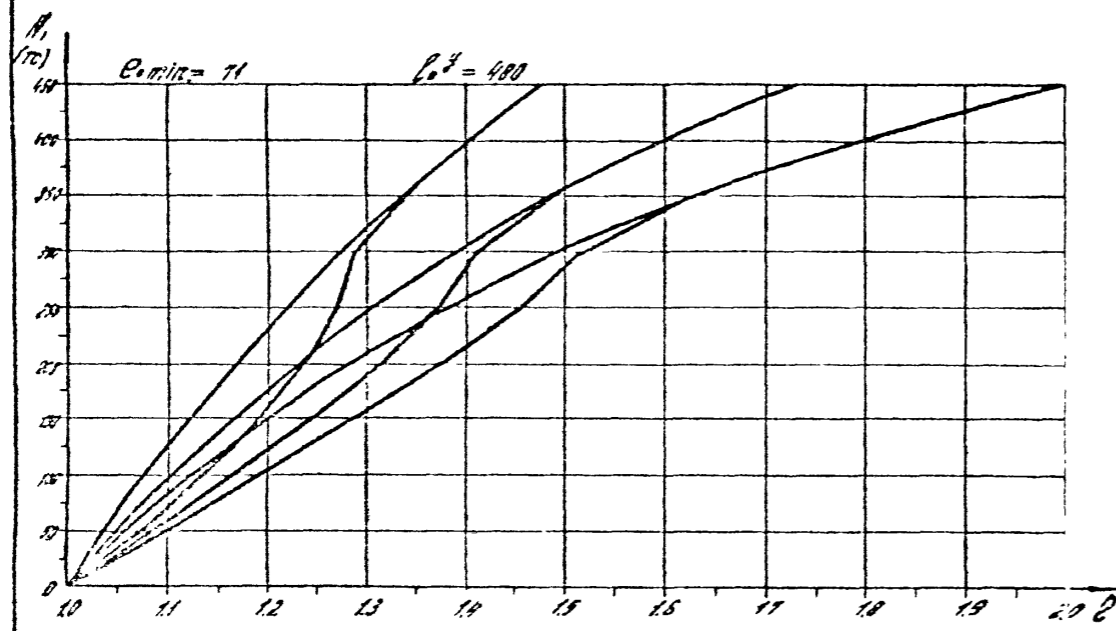
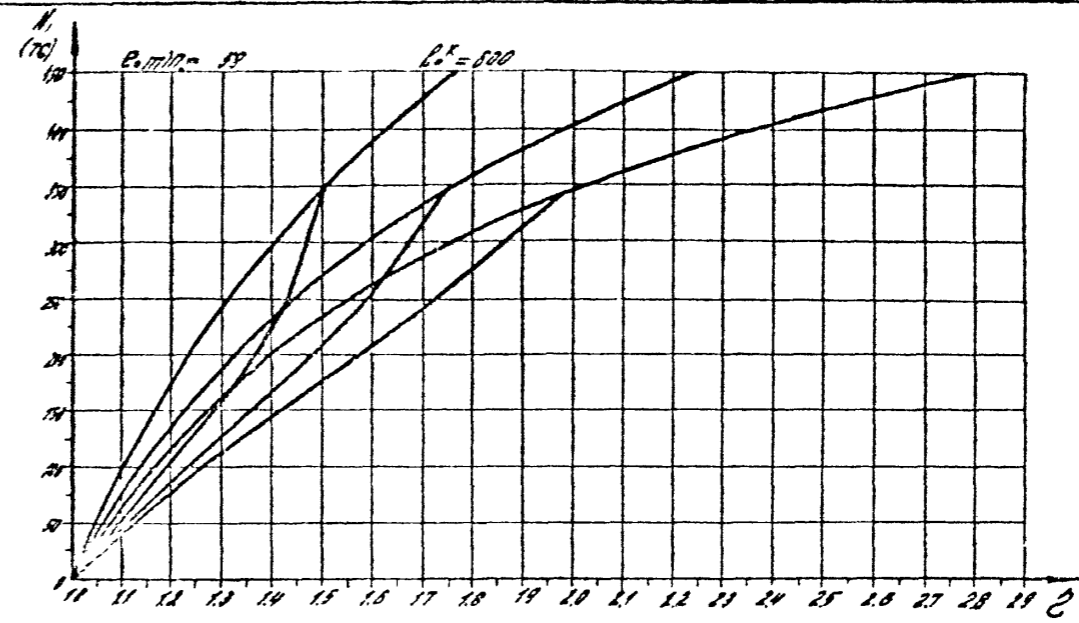
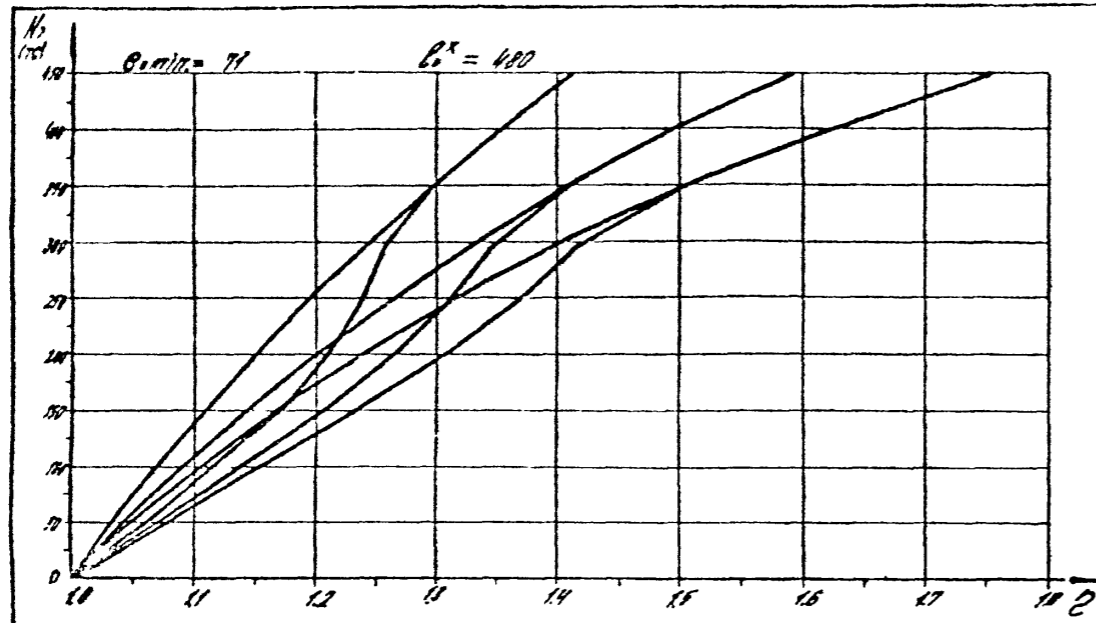


Bx. 32829 A. 207

Кривые для  $\beta = 4.0$  ( $R_0 = 201.6 \text{ кгс/см}^2$  при  $\gamma_{\text{жидк}}/\gamma_{\text{г}} = 6.5$ )

1020-1/87 0-6 - 3 173

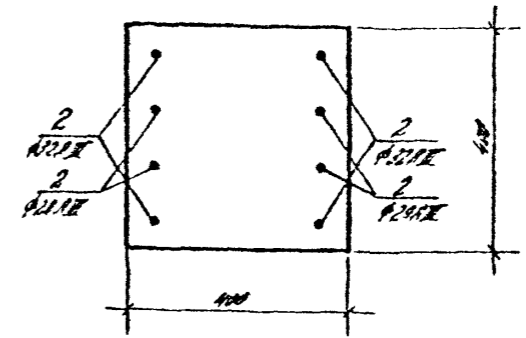
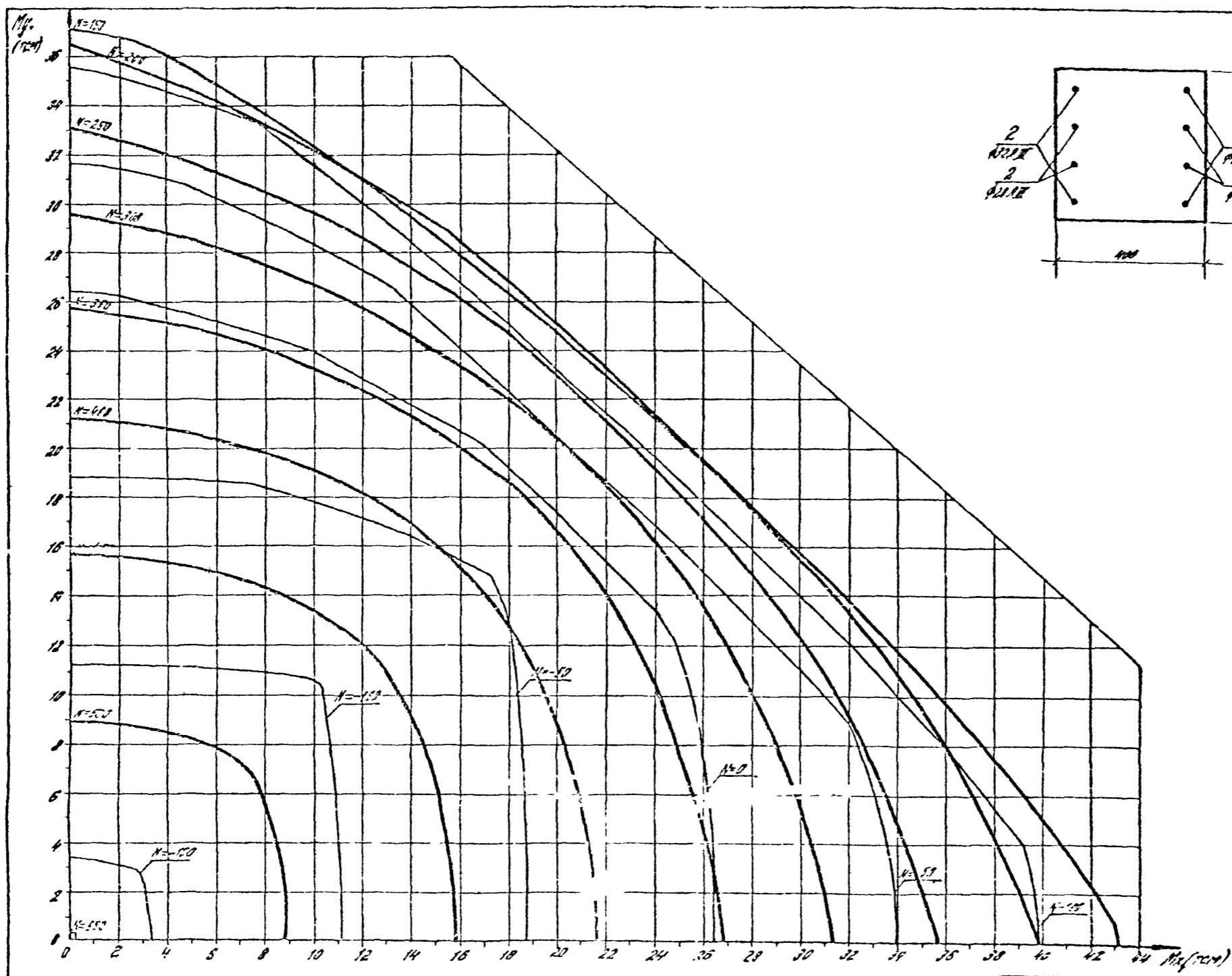
199



Bx. 32829 A.208

1.020-1/87. 0-6 - 3 173

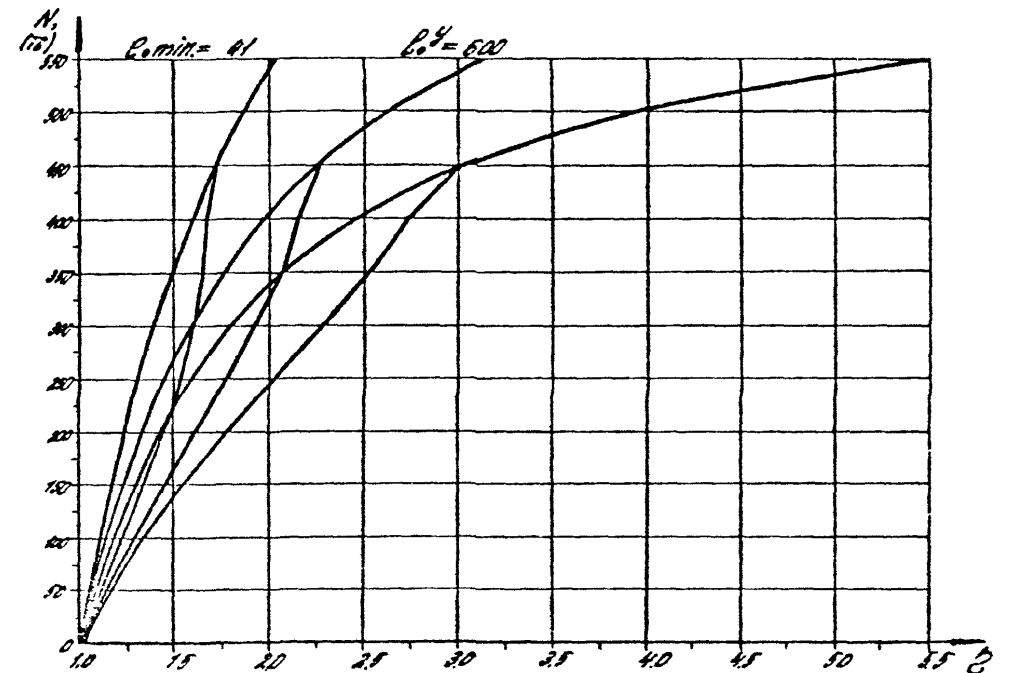
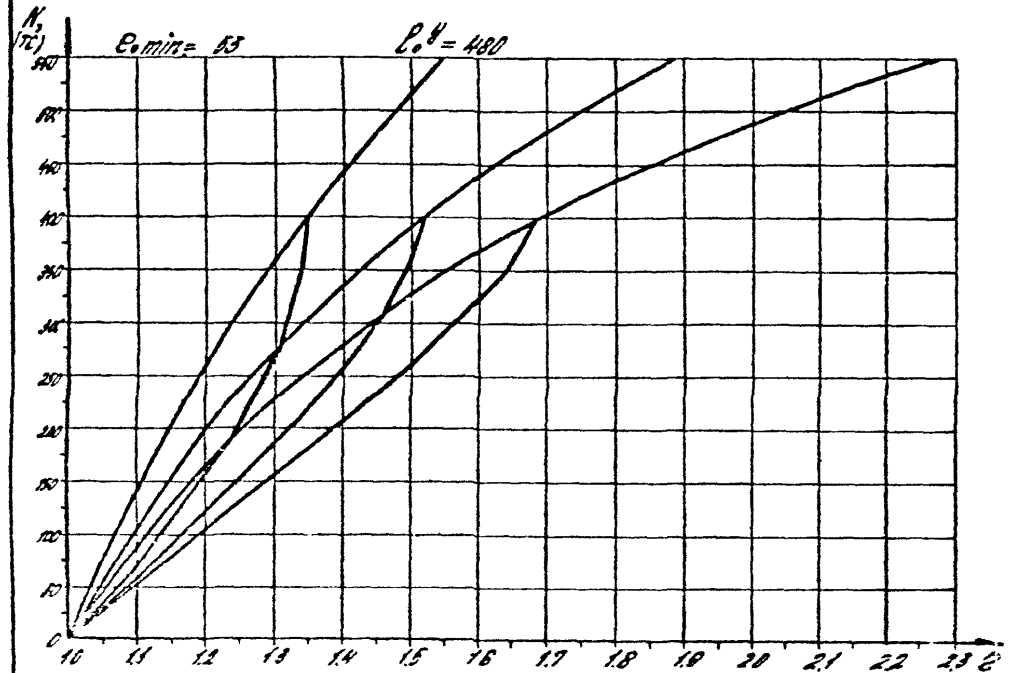
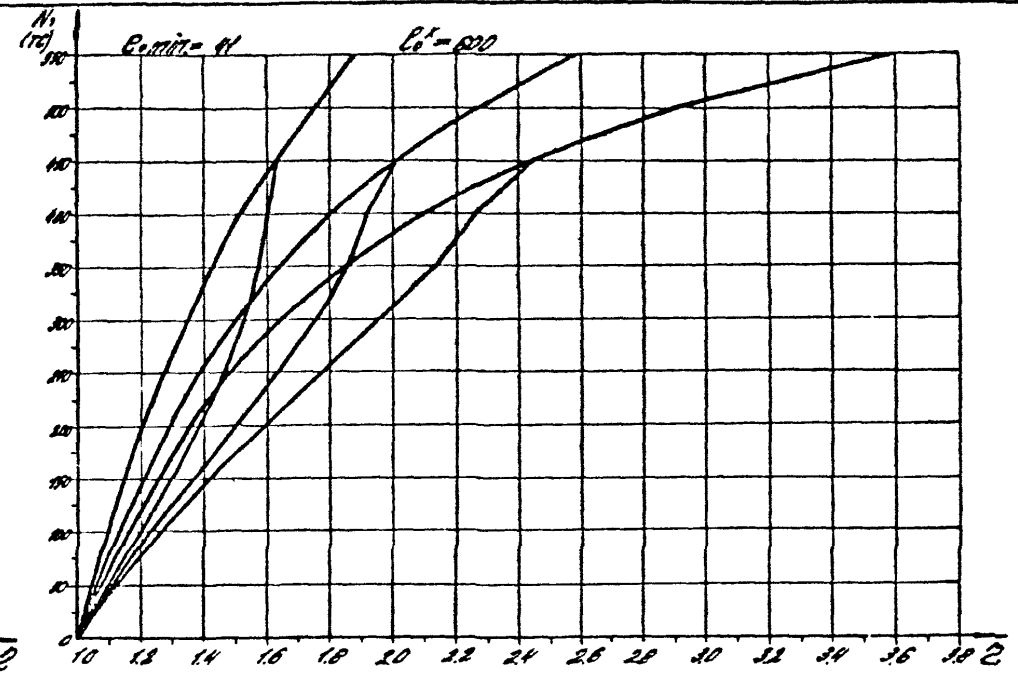
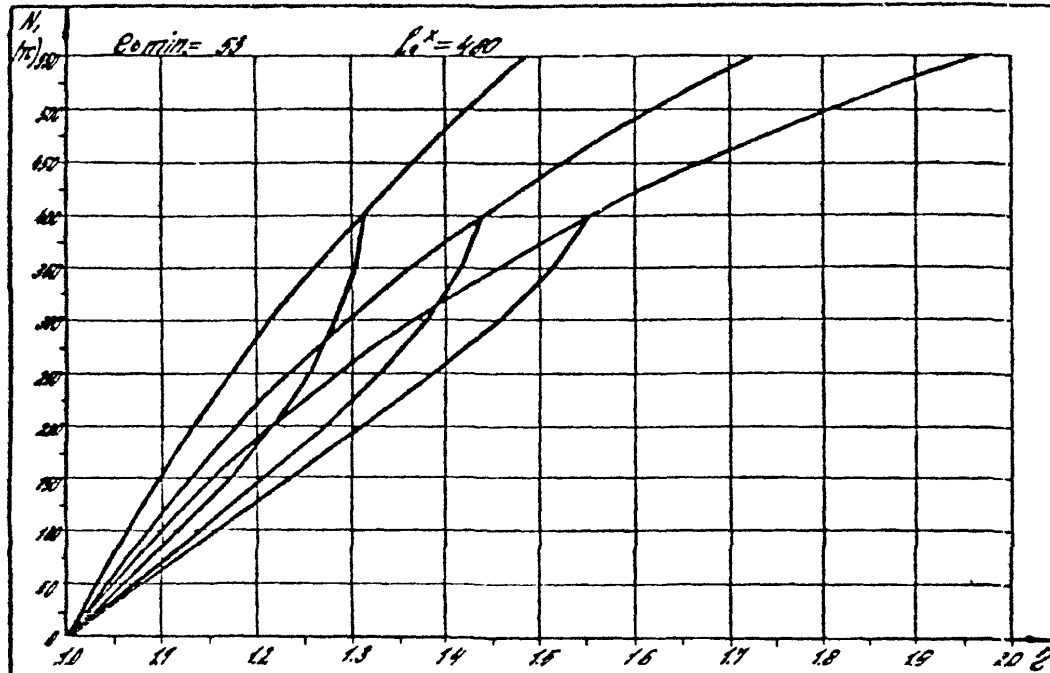
ACT
200



Кривые для  $Re = 240000 / (cm^2 \cdot \mu \cdot \nu) (Re = 110)$

1.020-1/87. 0-6 - 3 113  
 Ax.32829 A.209

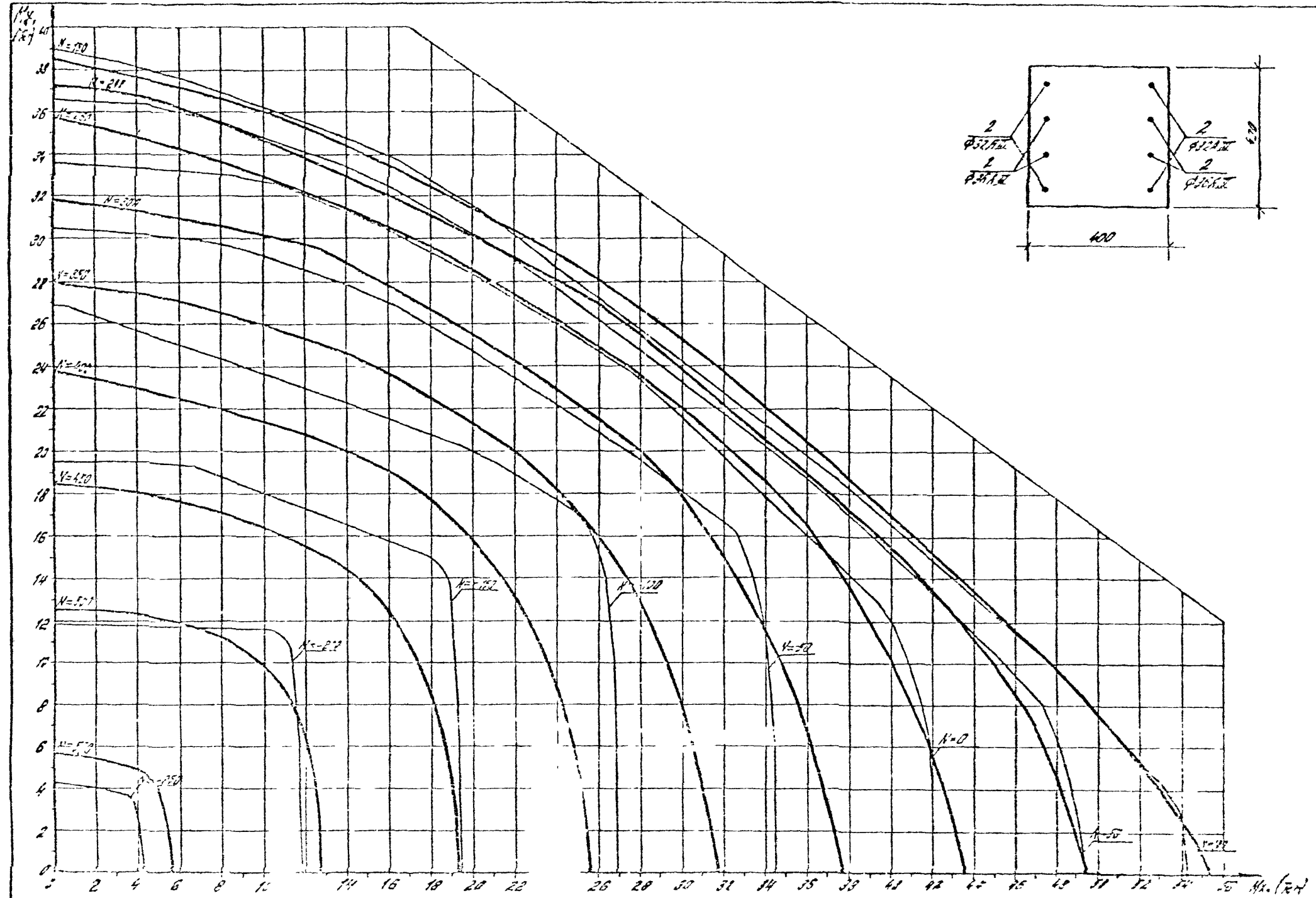
201



1020-1/87.0-6-3173

Bx. 32829 a.210

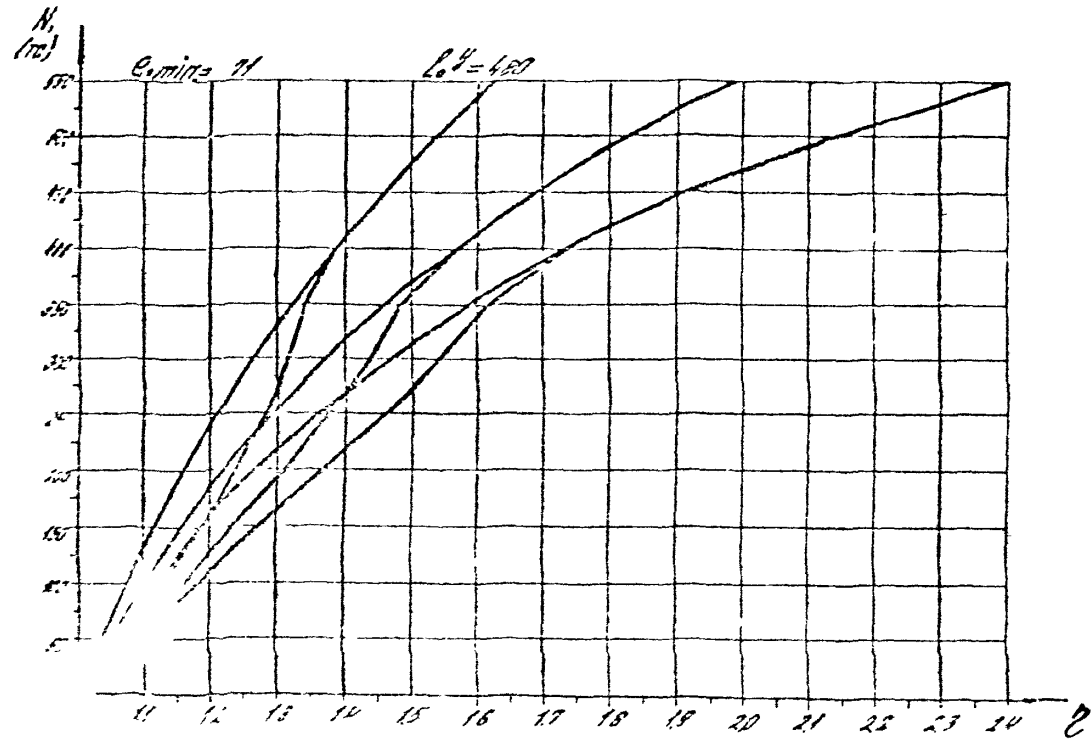
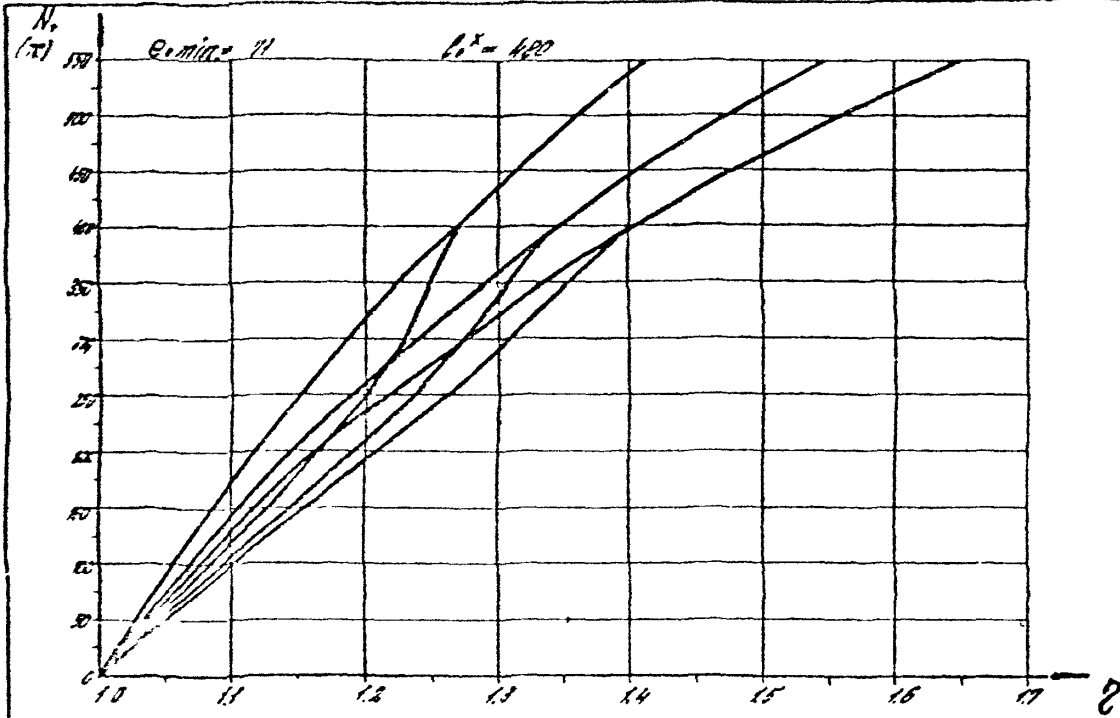




Handwritten text at the bottom left of the graph area.

1.020-1/87. 0-5 - 3 113

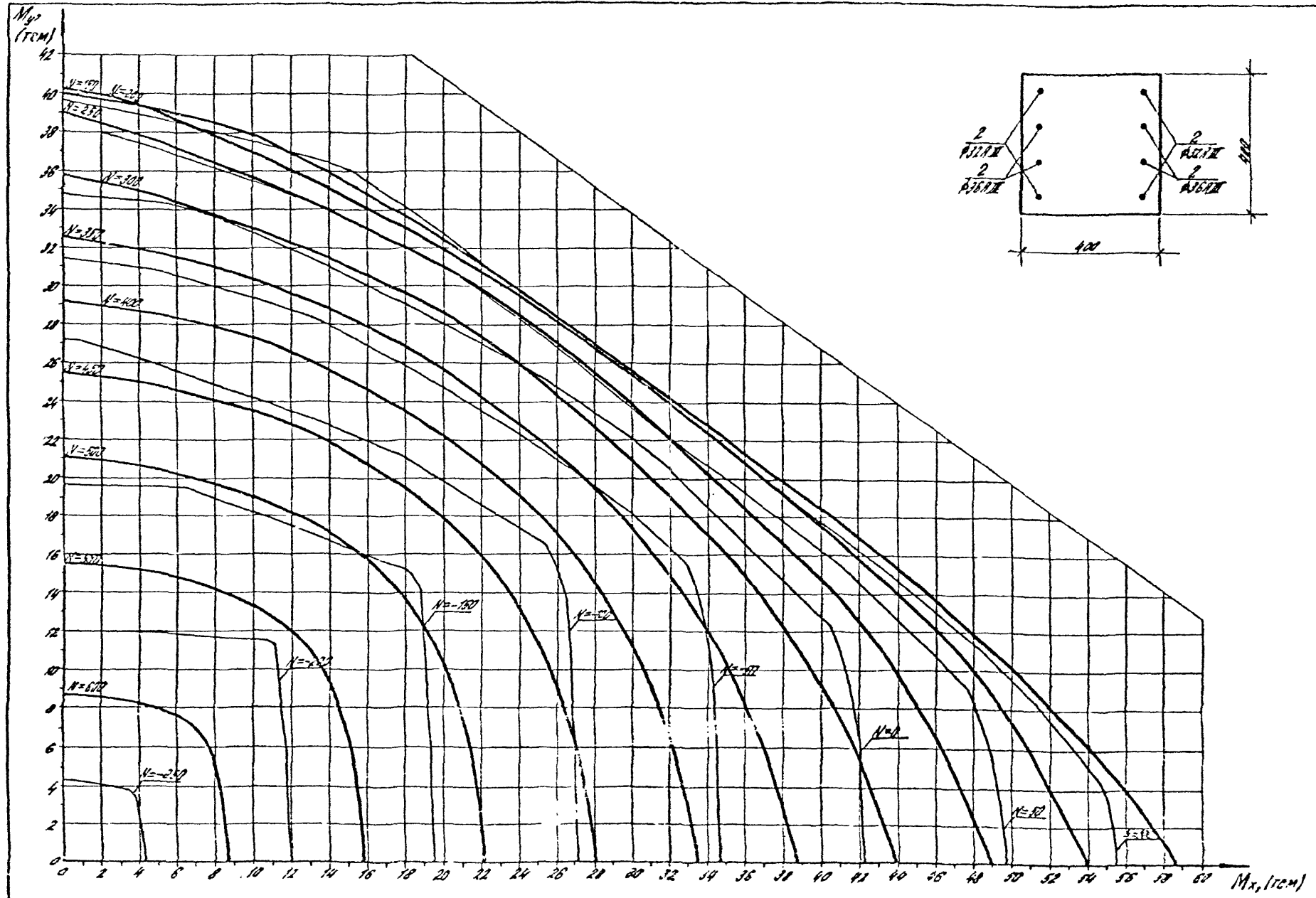
Bx 32829.211



Bx. 32829 A.212

1.020-1/87. 0-6-3 ПЗ

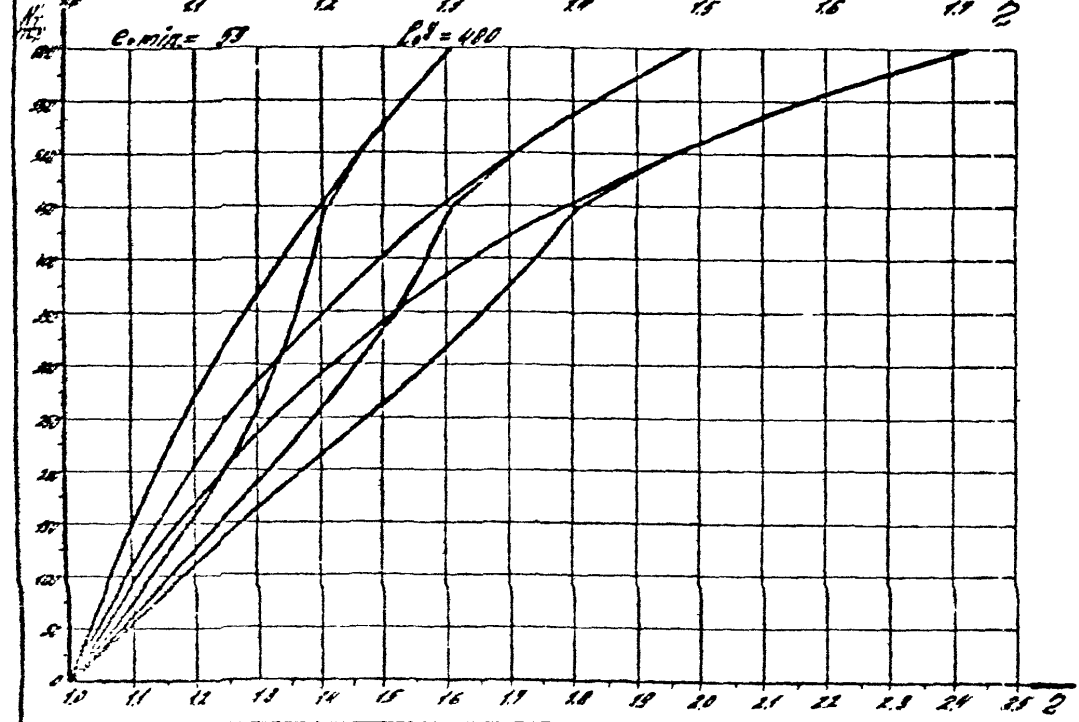
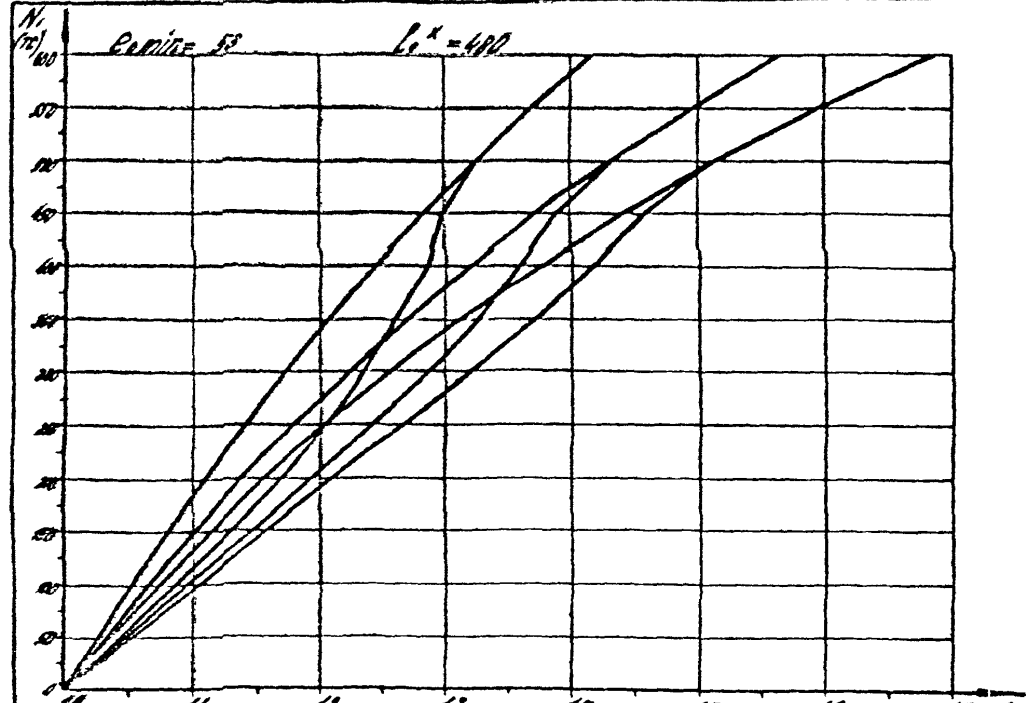
Лист  
204



Бетон марки В40 ( $R_b = 24.6 \text{ кгс/см}^2$  при учете  $\gamma_c = 1.10$ )

1.020-1/87. 0-6-3 ПЗ  
 Бх. 32829 л. 213

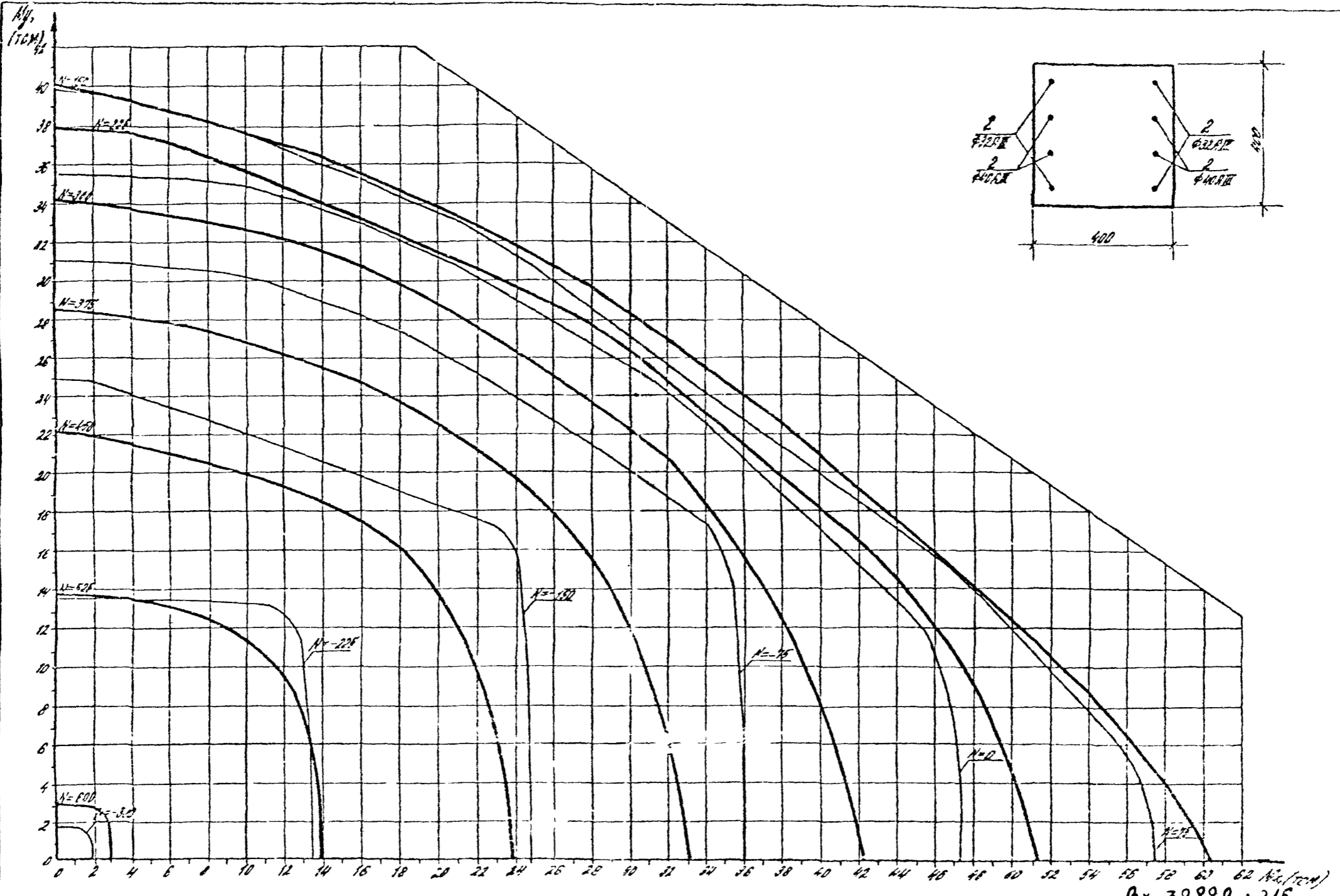
Лист  
 205



Bx 32829 A.214

1020-1/87. 0-6-3 173

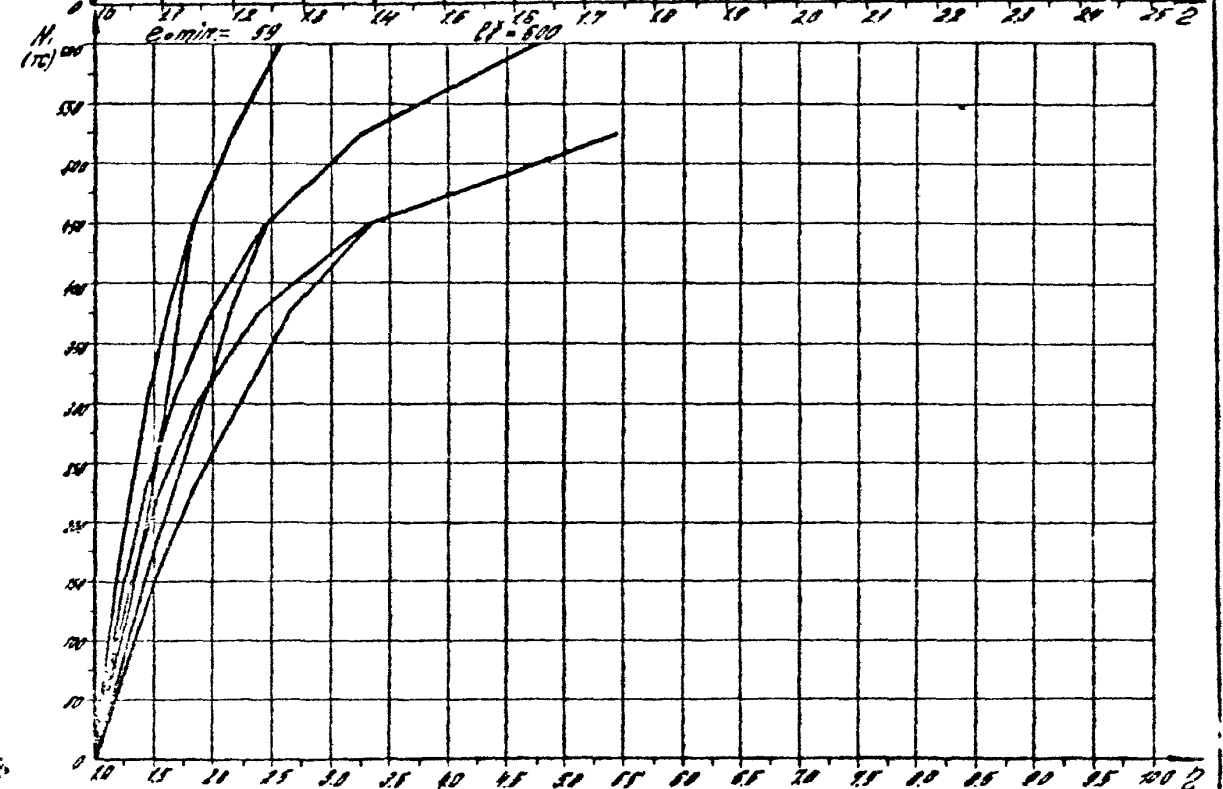
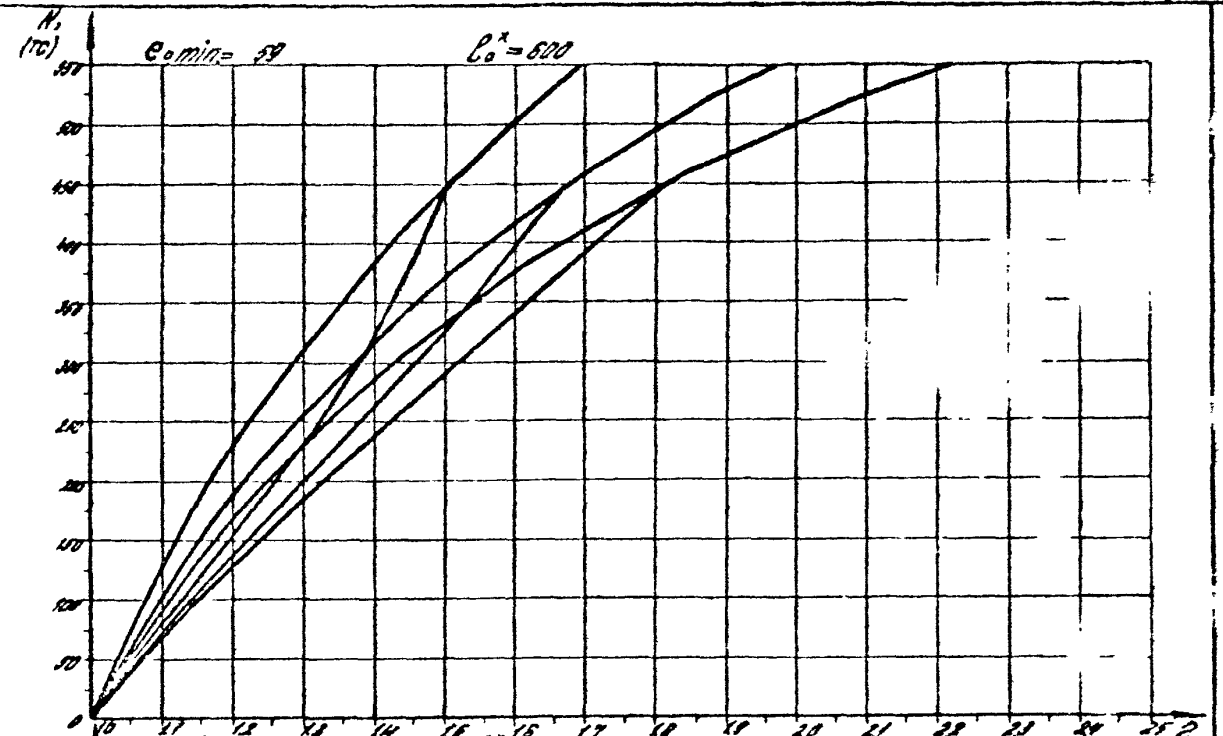
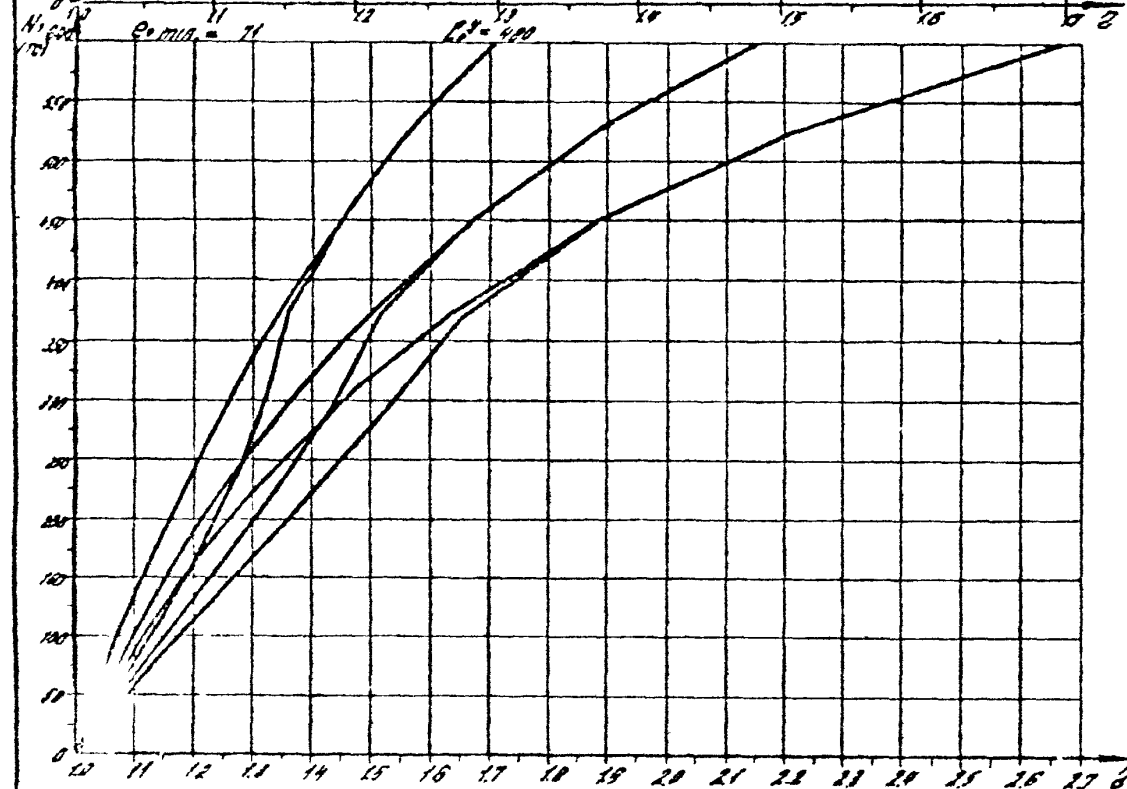
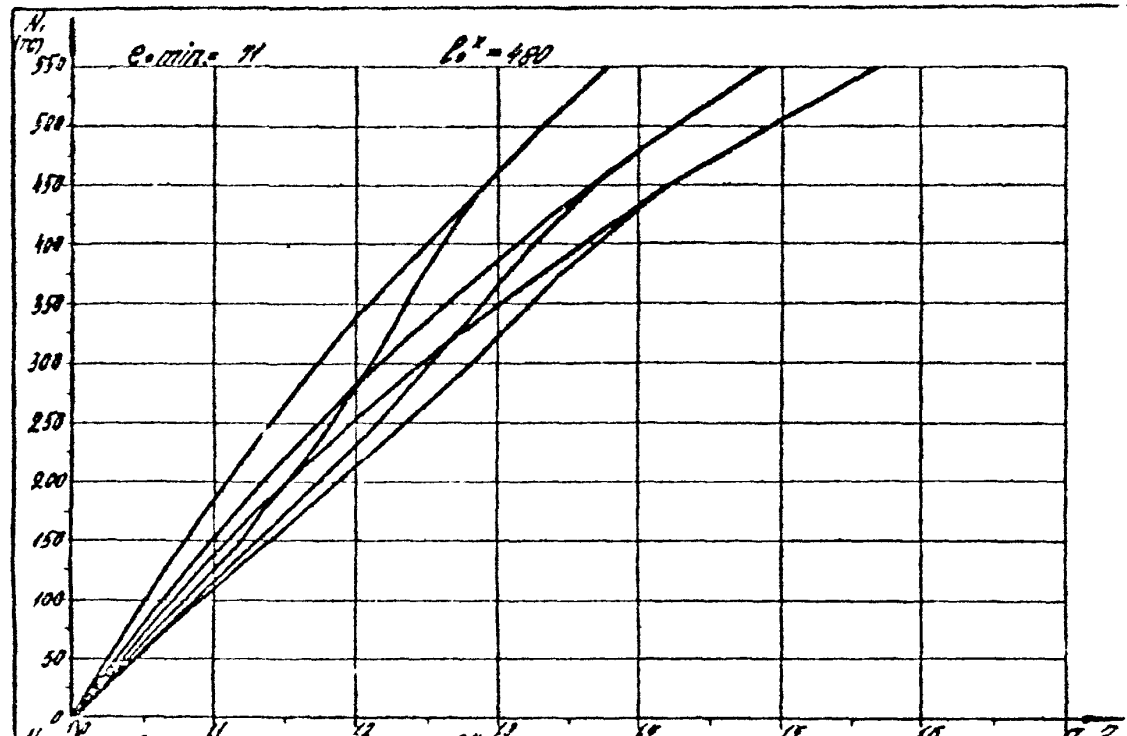
INCT  
206



Криволинейный B40 ( $R_B = 201,6 \text{ км}$ ) от 1700 м до 1700 м ( $R_2 = 63$ )

1020-1/87.0-6-3 173

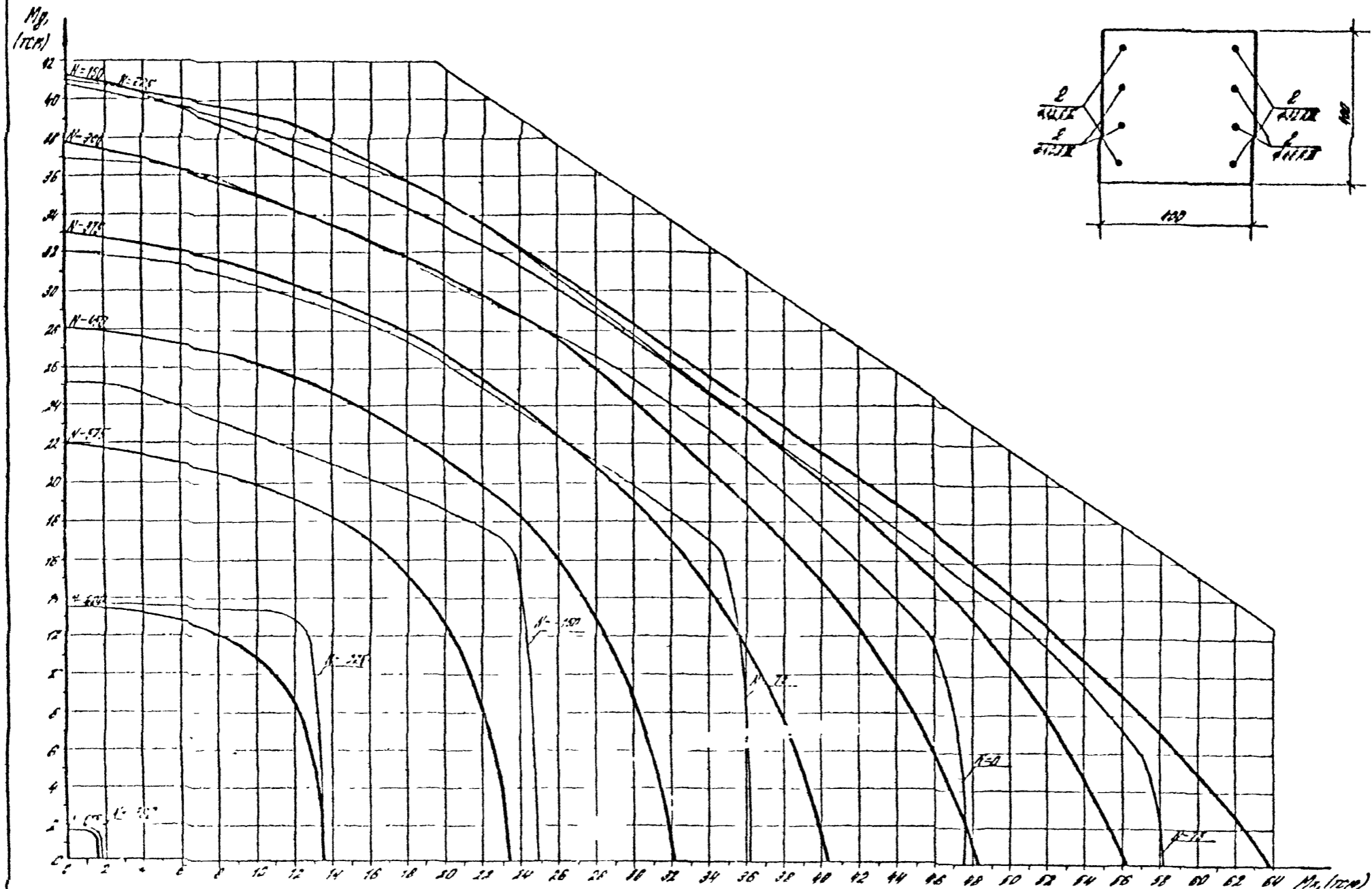
Вх. 32829 А.215



1.020-1/87.0-6 - 3 173

Acc 208

Bx. 32829 A.216

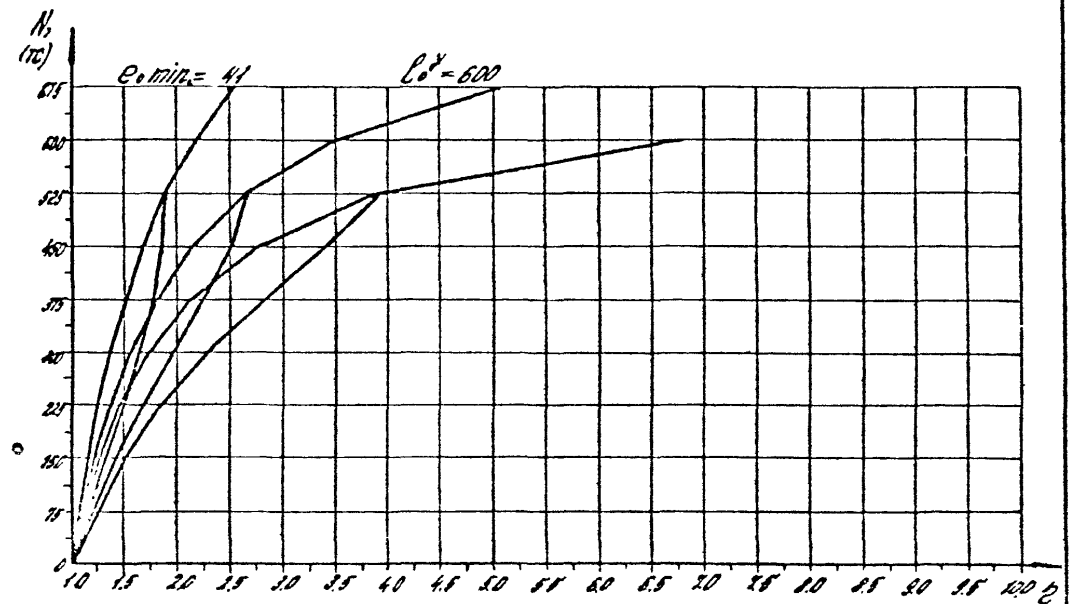
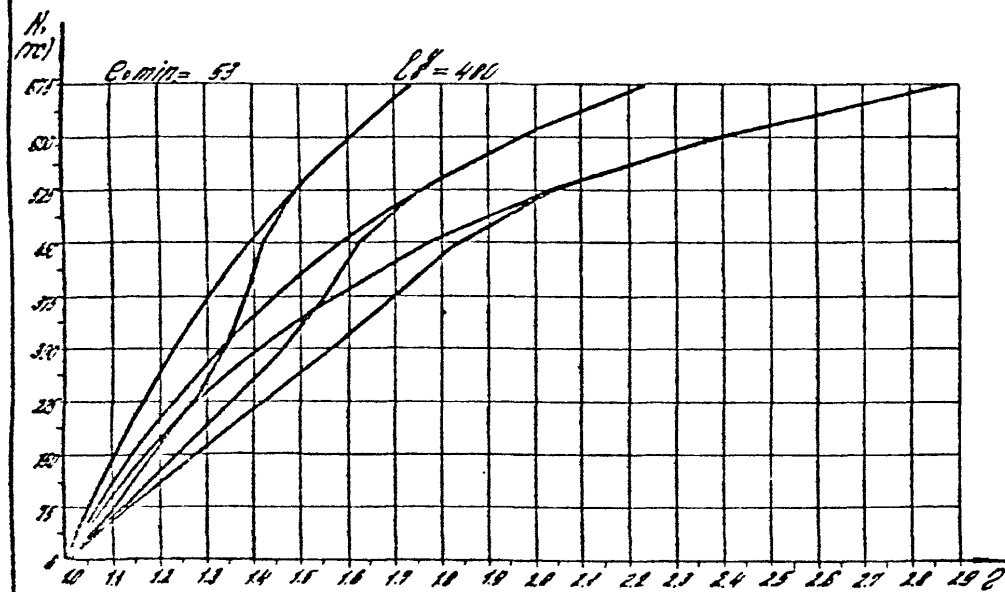
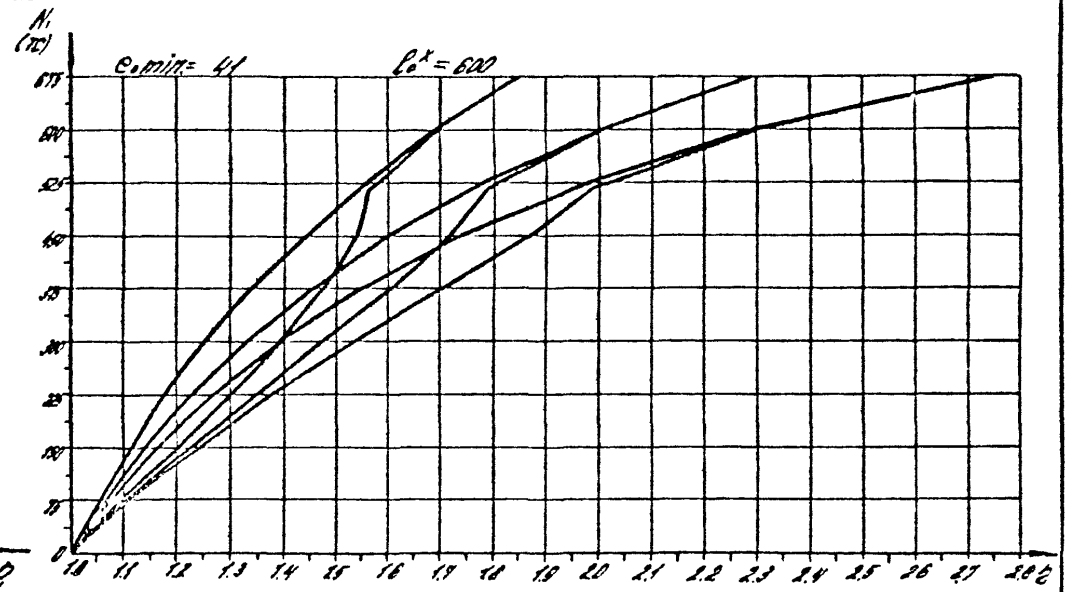
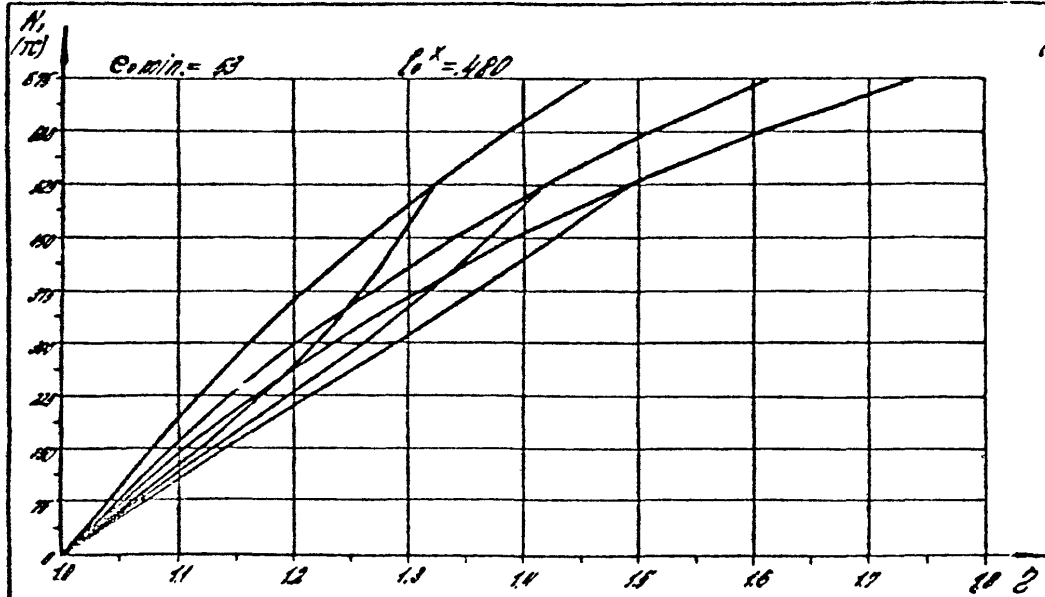


Литература: СНиП (ЛС-246 4 кгс/см<sup>2</sup> при γ<sub>н</sub> = 1.10)

1020-1/87. 0-6-3 113

Лист  
209

Дх.32829 д.217

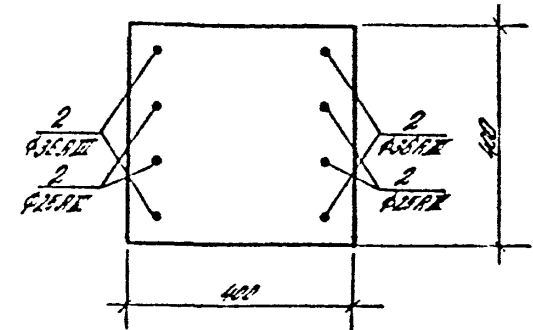
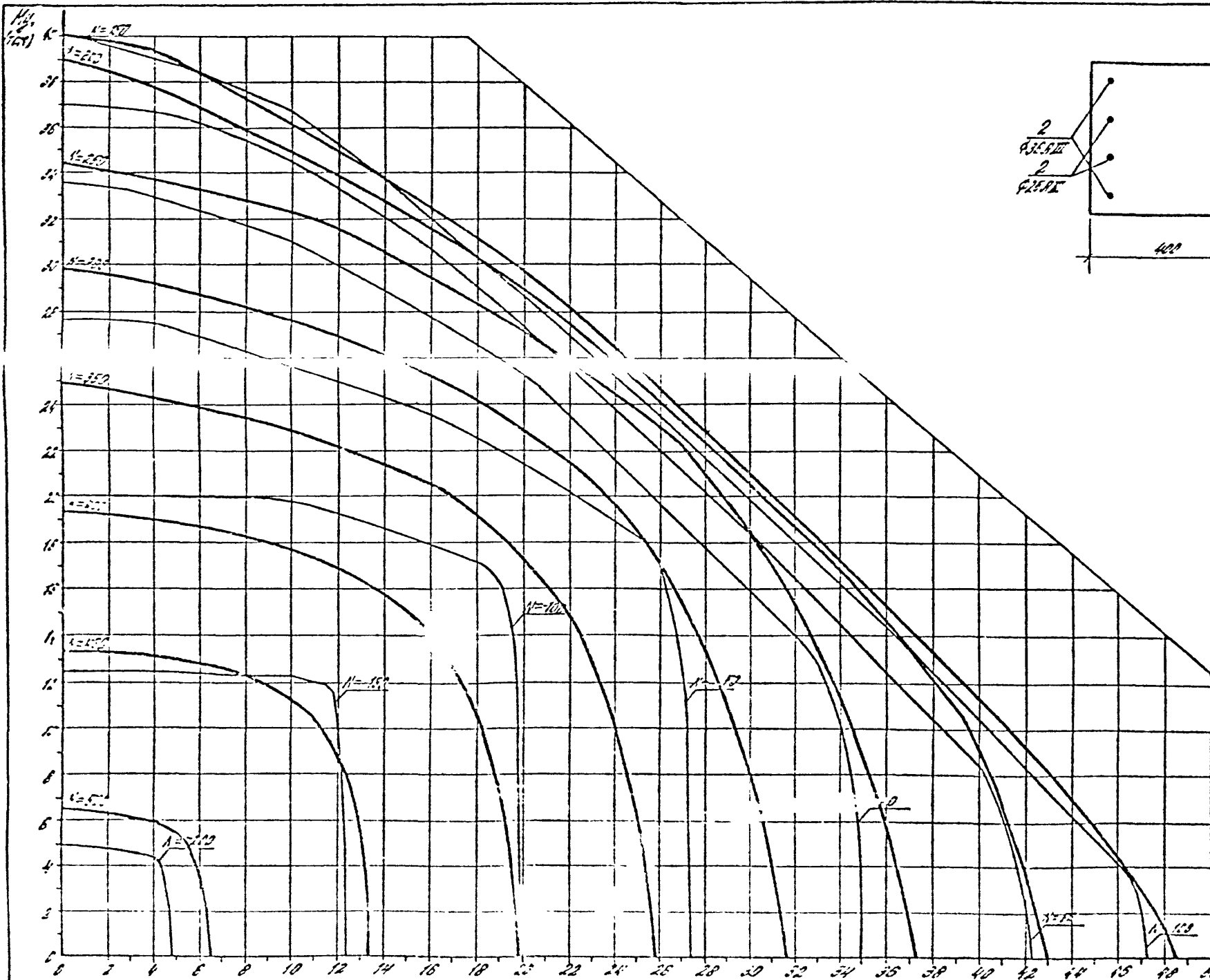


Box 32829 A.218

1.020-1/87. 0-6-3773

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210



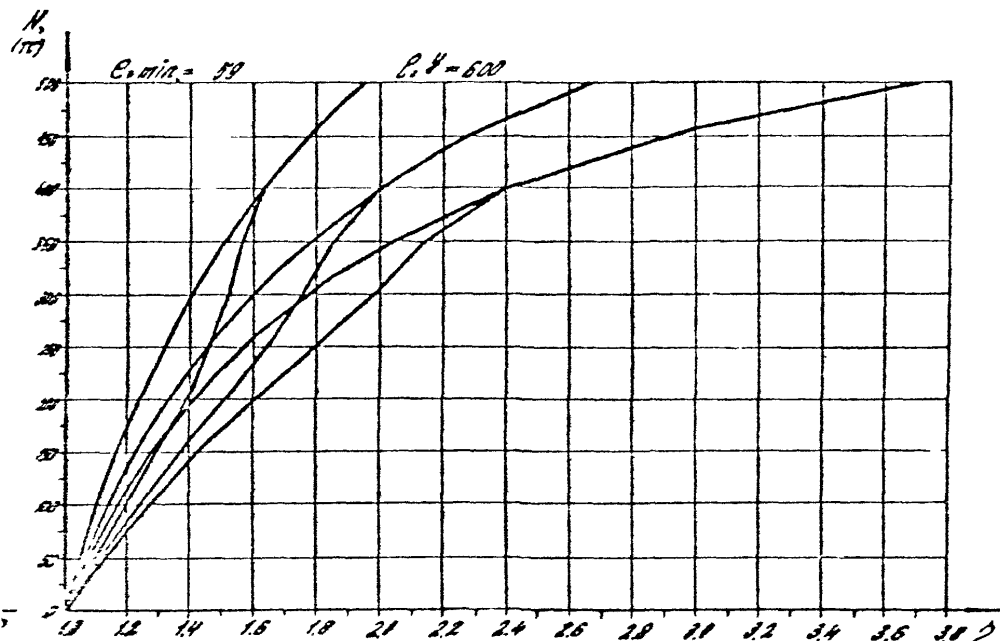
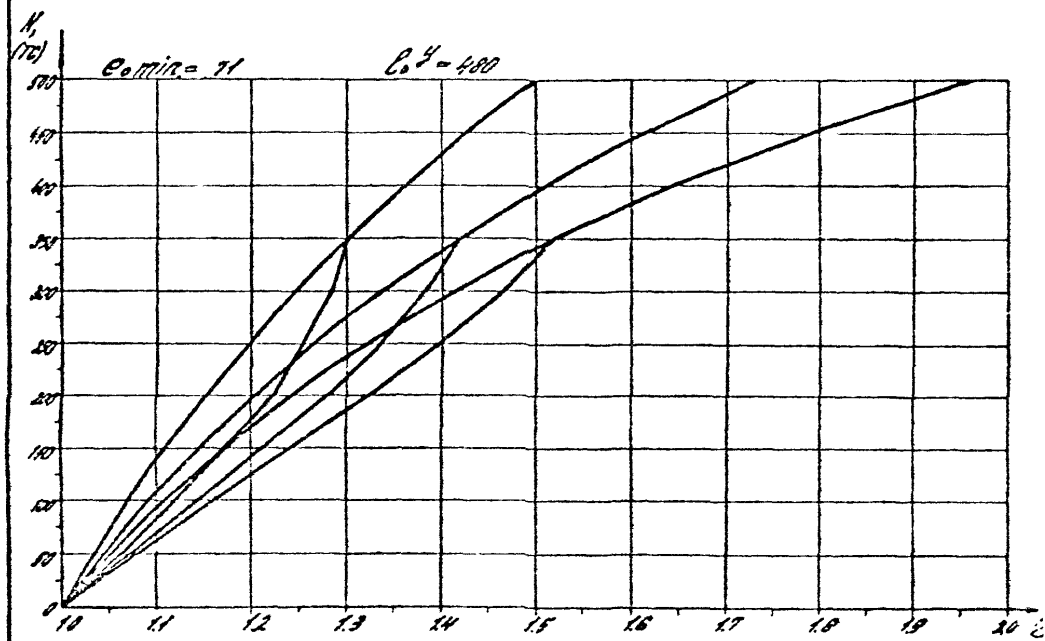
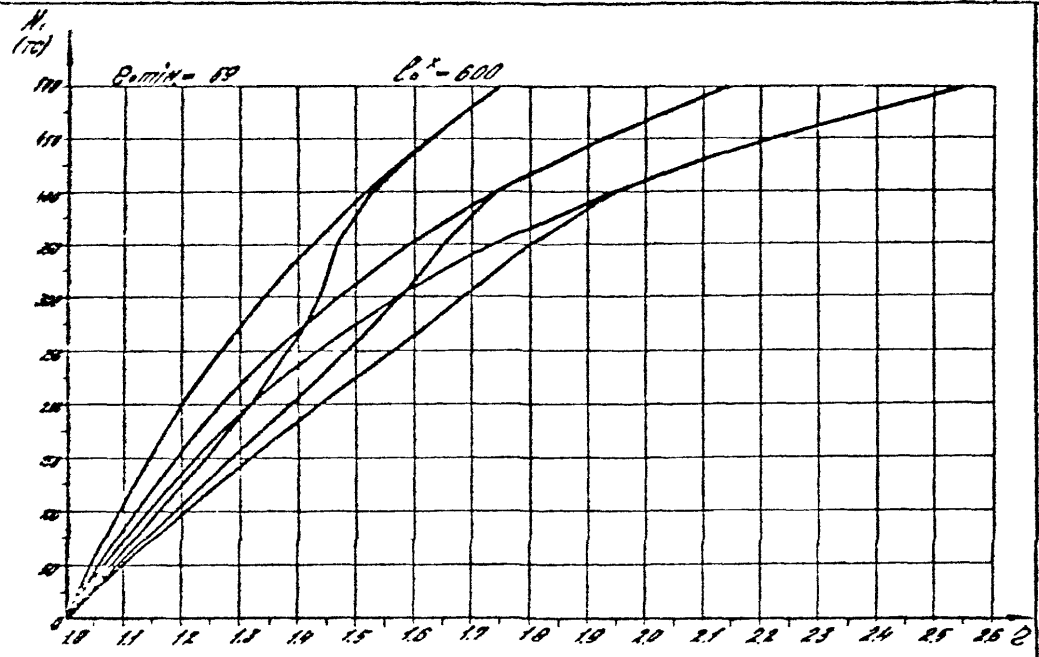
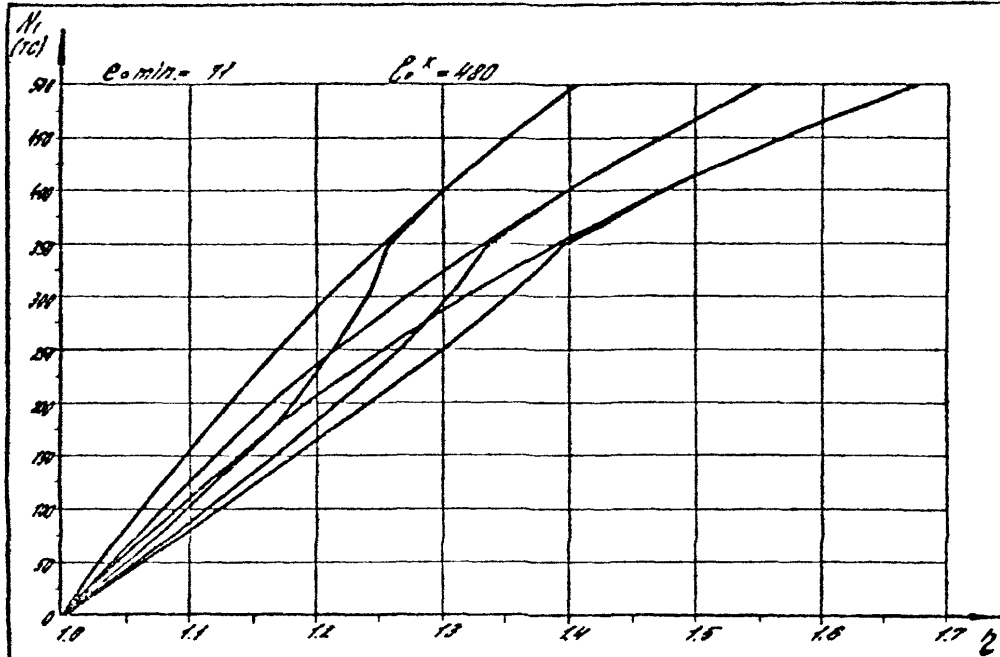


Вх.32829 д.219

Линейно деформат 540 ( $R_b = 201.6 \text{ кгс/см}^2$  при  $\mu = 0.2$ ) ( $R_s = 42$ )

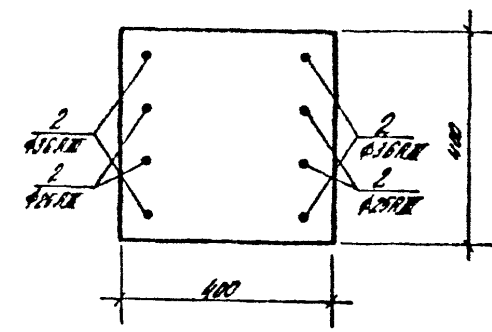
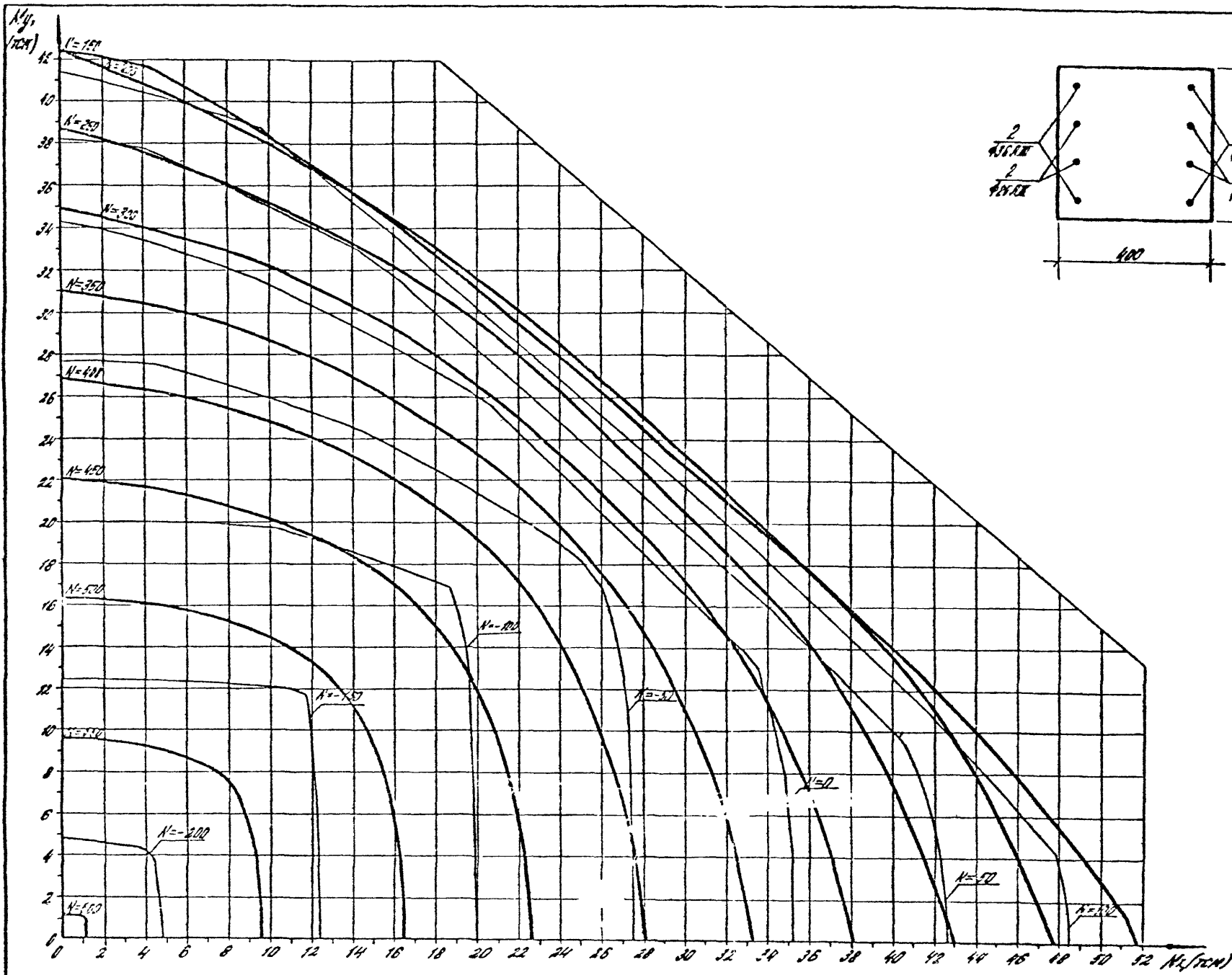
1.020-1/87. 0-6-373

Лист
211



Bx. 32829 A. 220

1020-1/87. 0-6-3 173	Avr 212
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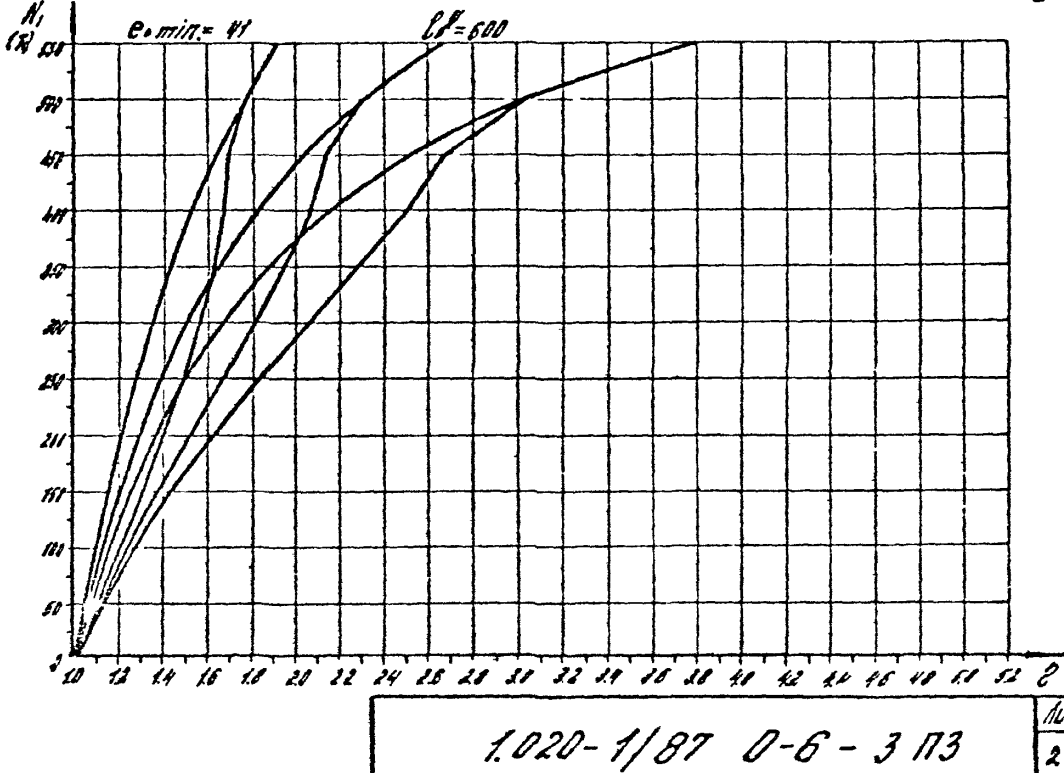
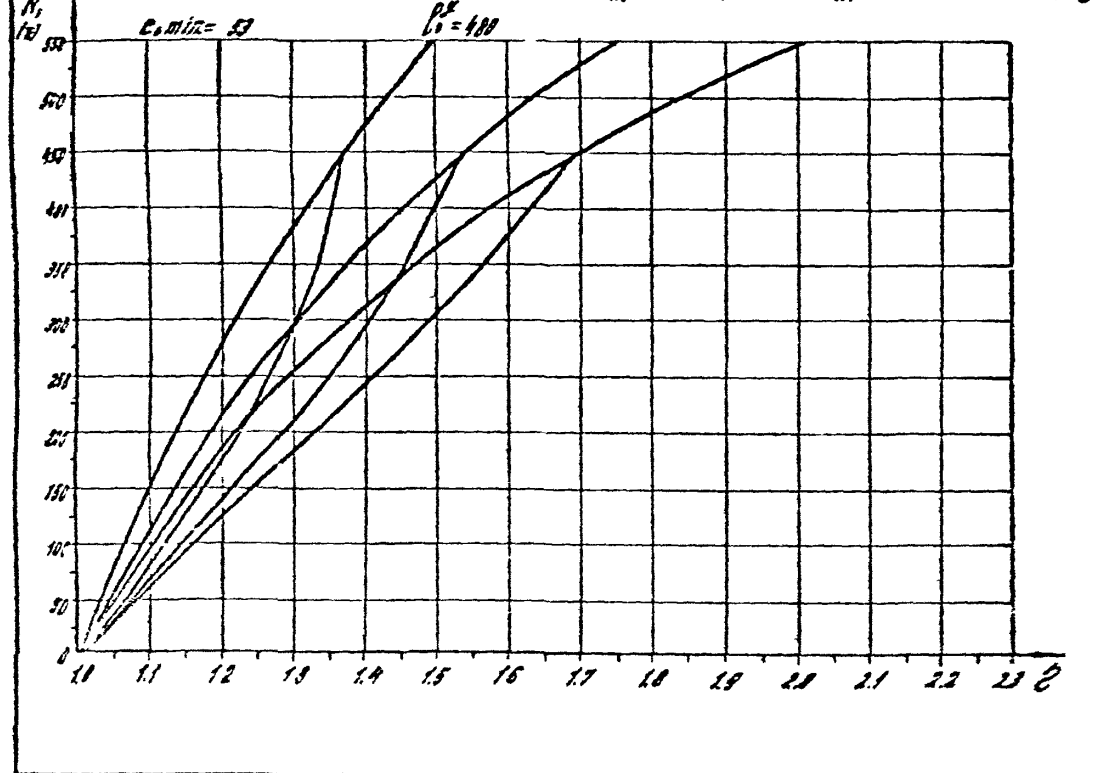
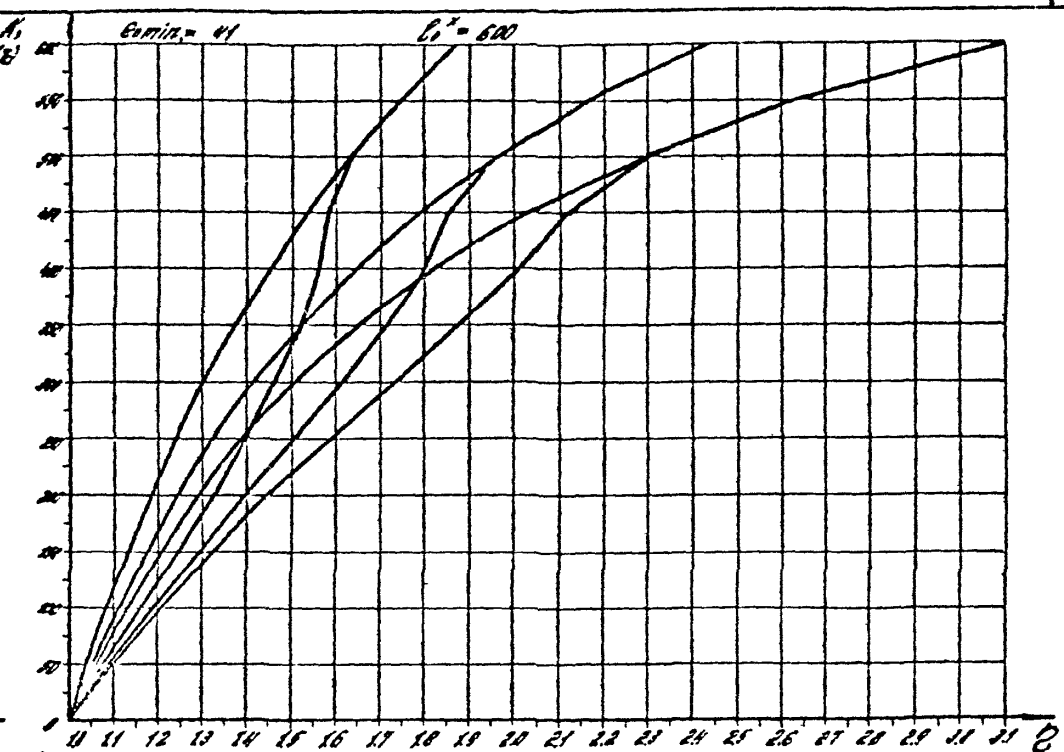
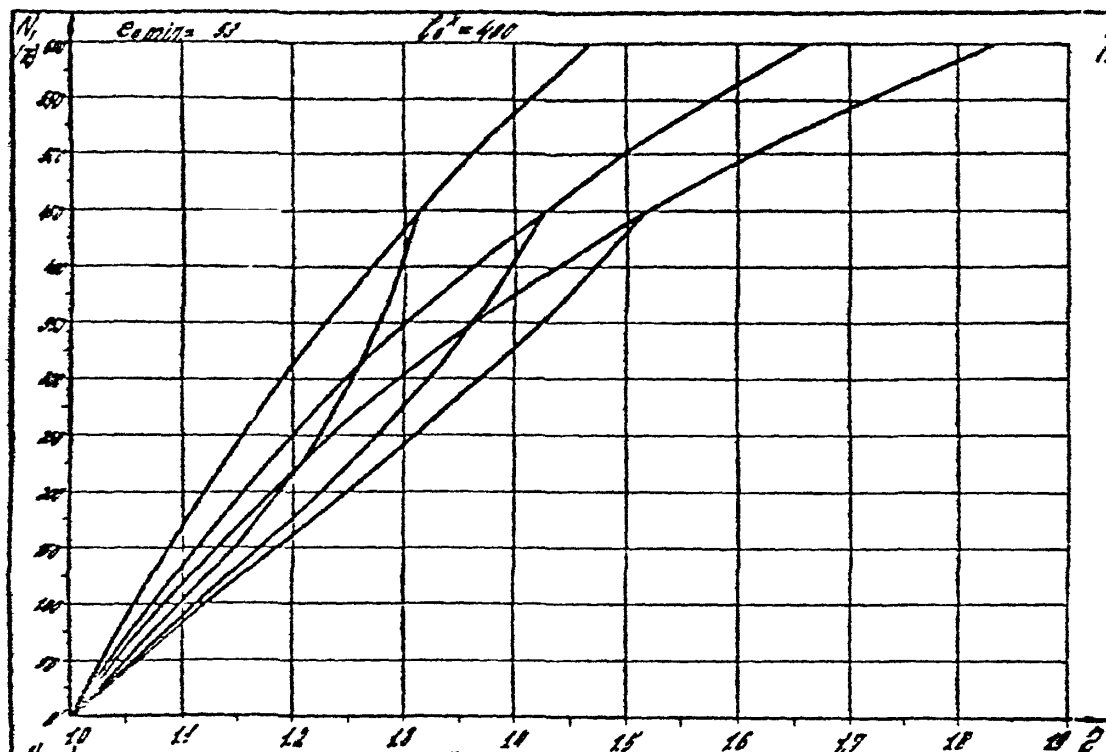


Криво изогнут B40 ( $R_s = 246.4 \text{ кгс/см}^2$  при  $\lambda_{кр} = 1.10$ )

Вх. 32829 а. 221

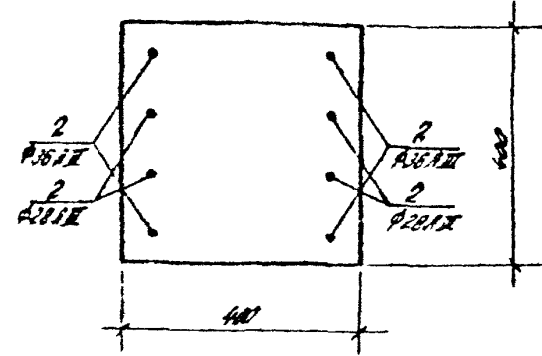
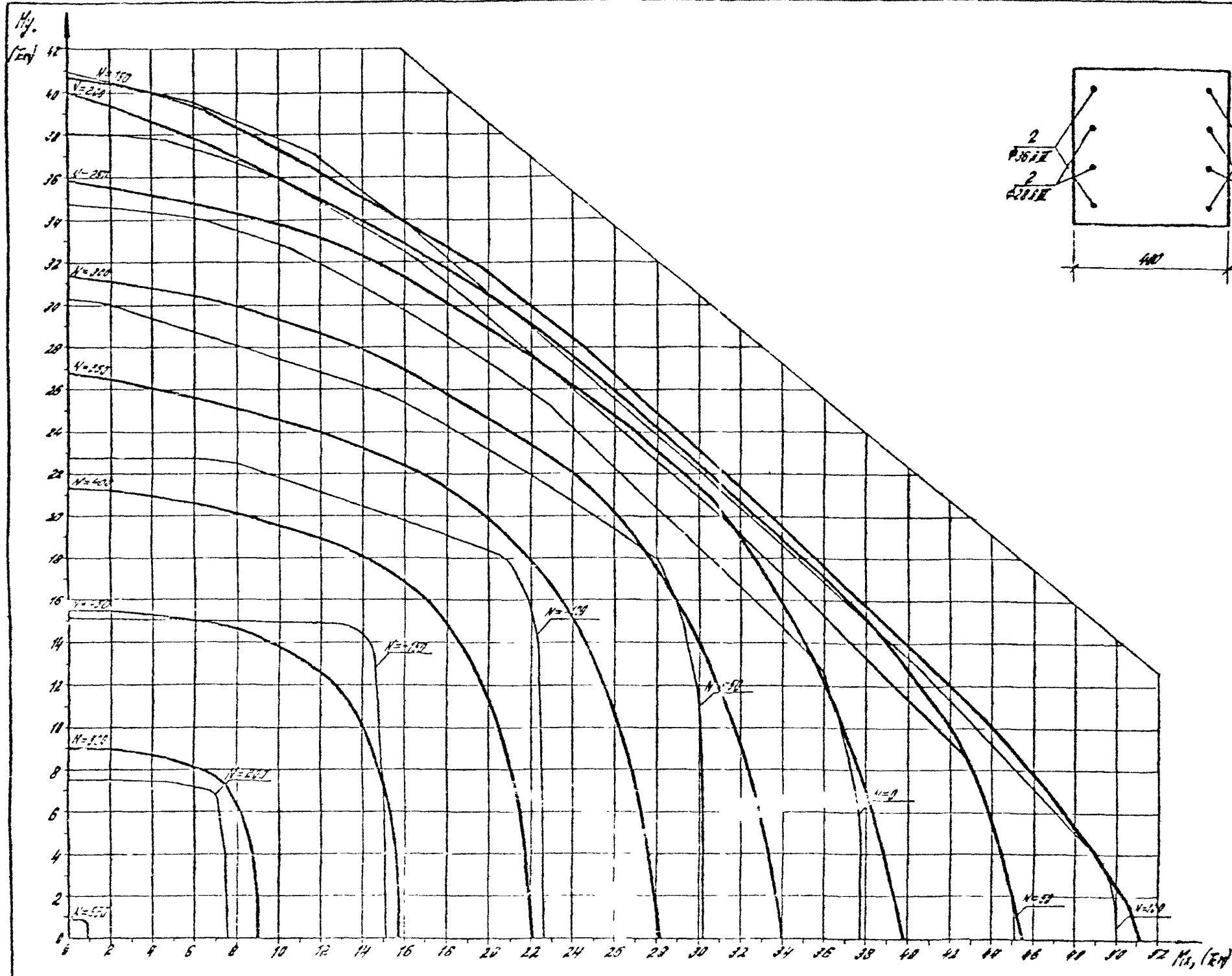
1.020-1/87.0-6-373

1/000  
213



1.020-1/87 0-6-3 113  
 Bx 32829 a.222

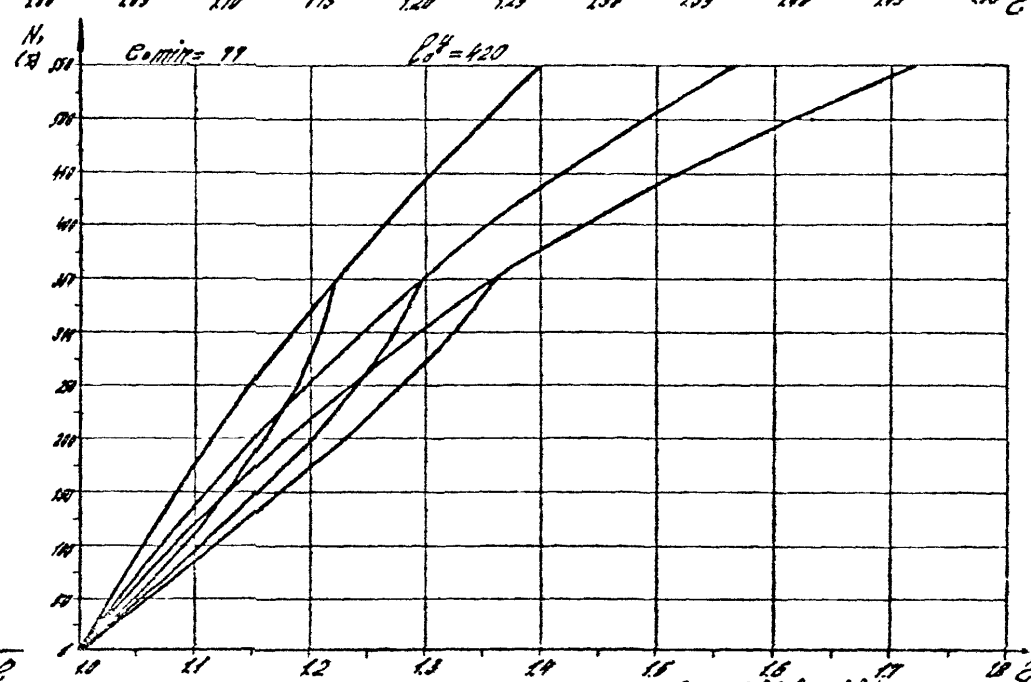
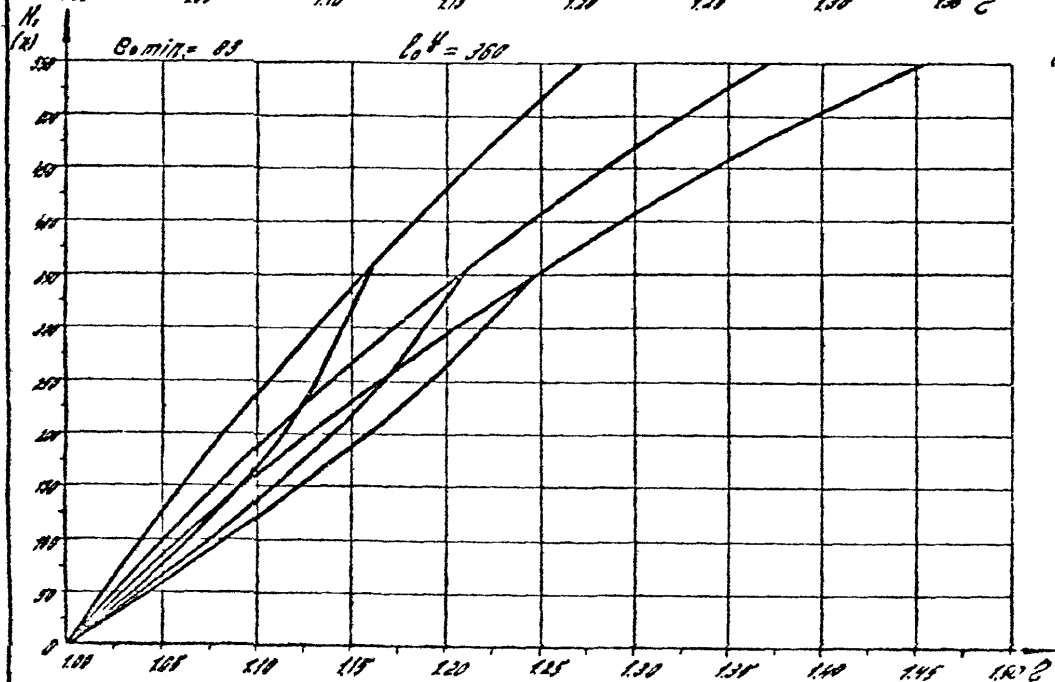
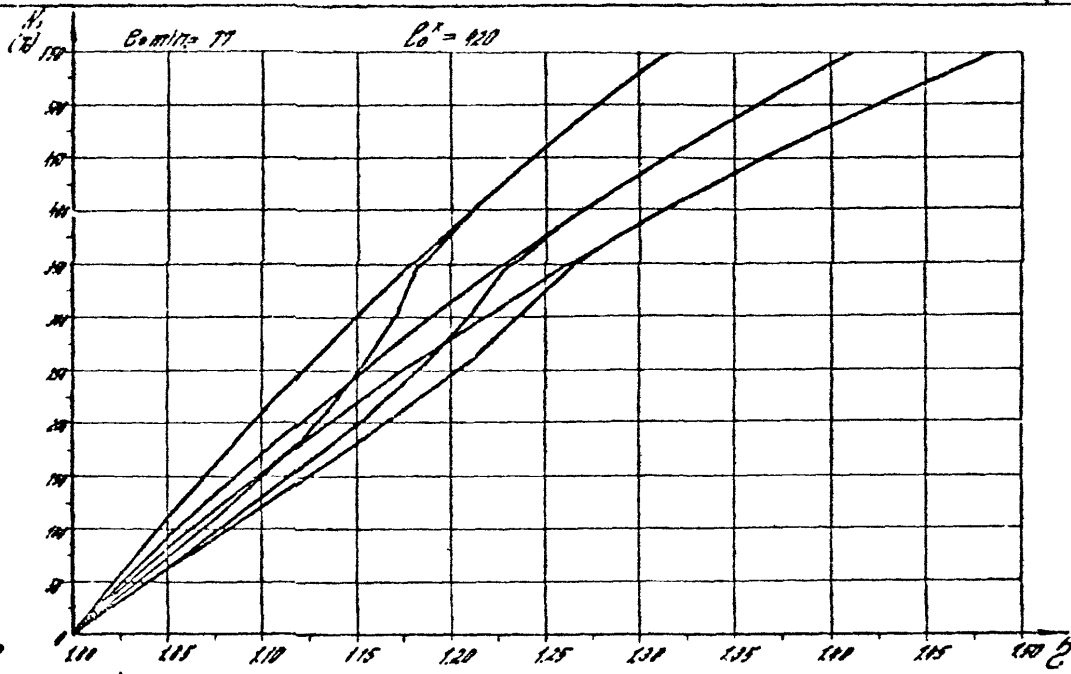
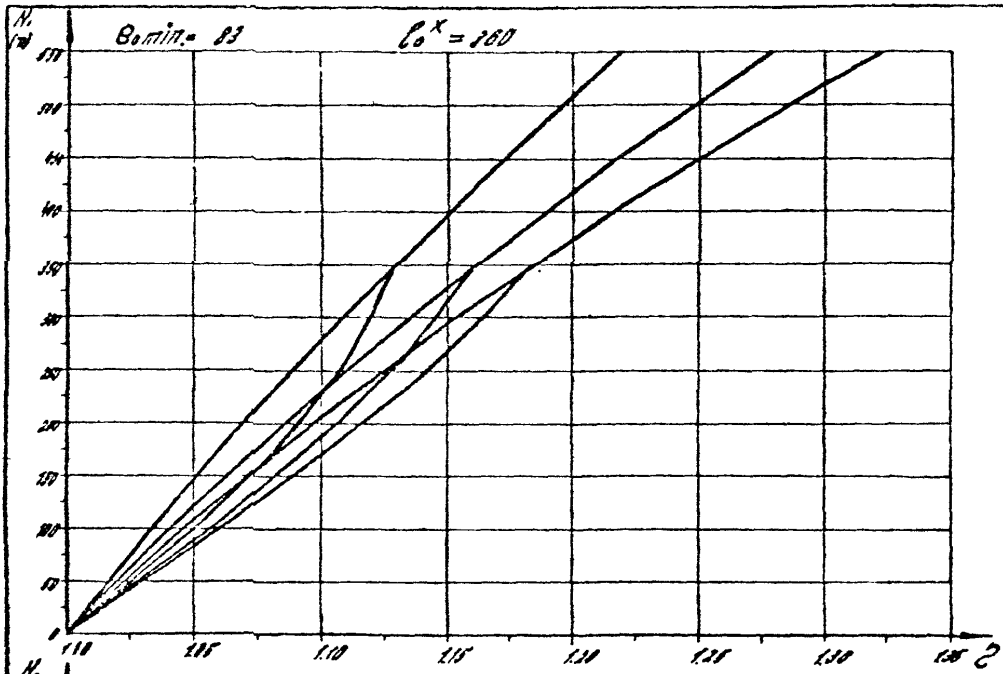
1007  
 214



Нормы прочности стали ( $R_s = 101.6 \text{ kN/cm}^2$  при  $\gamma_s = 1.0$ )

Вх. 32829 Л. 223

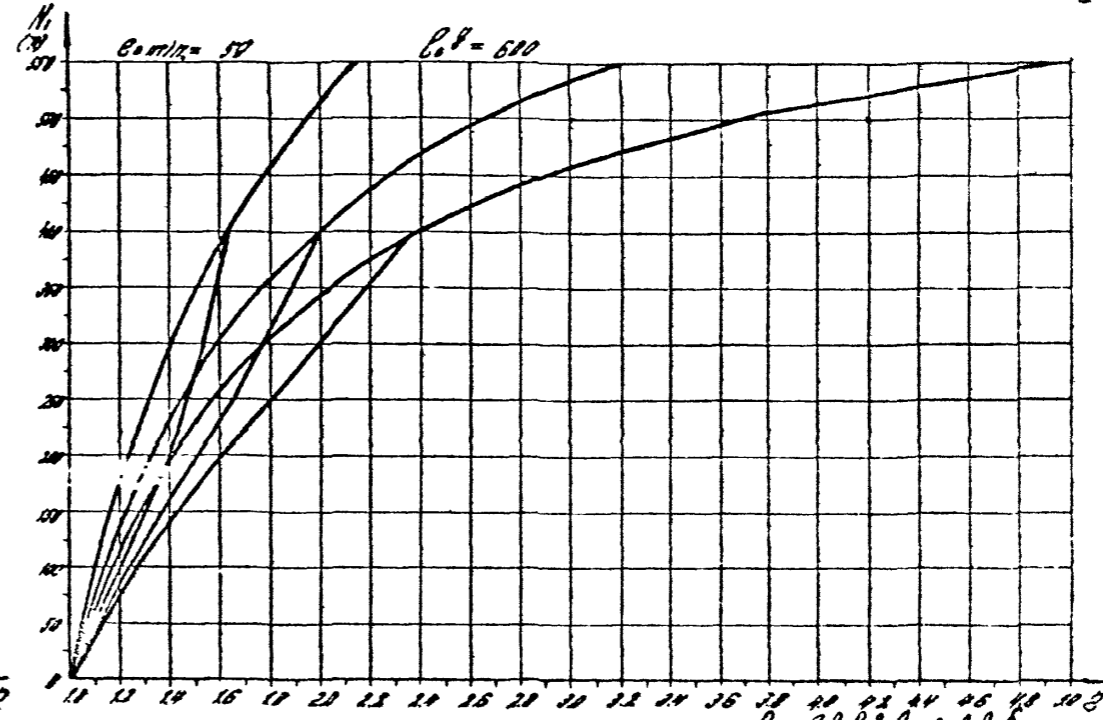
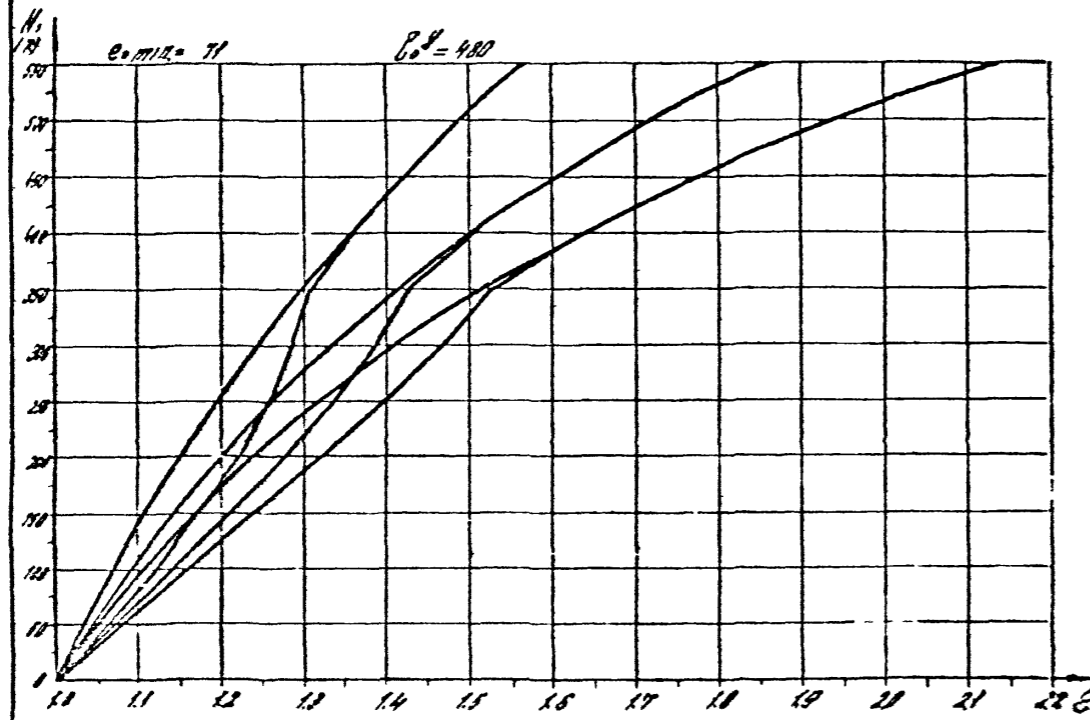
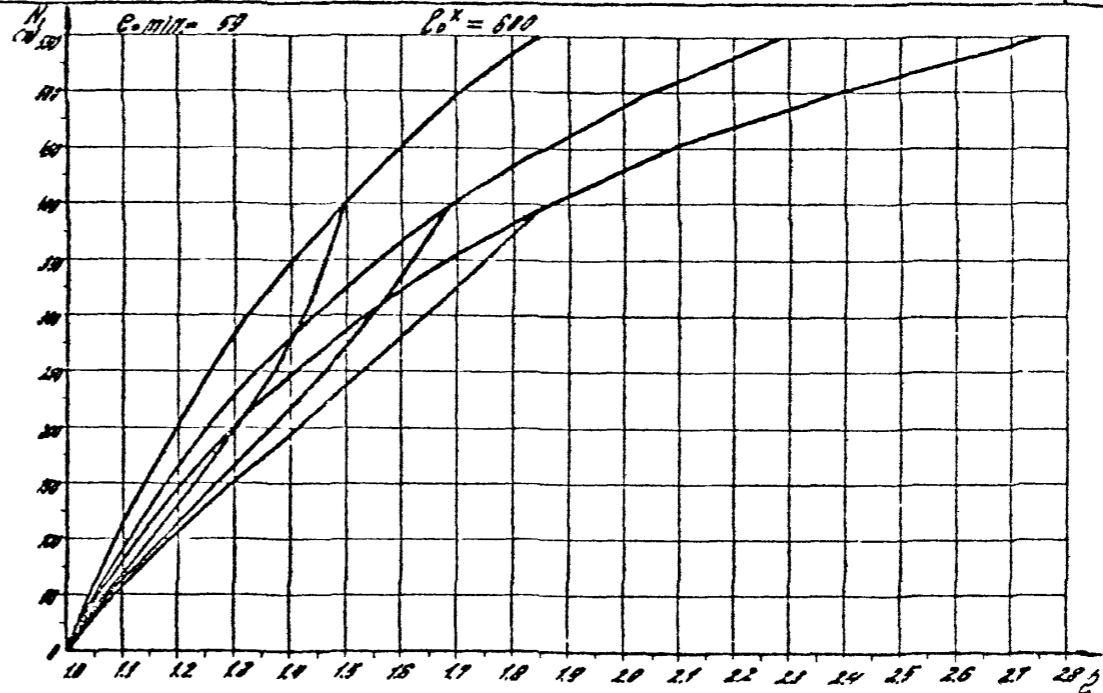
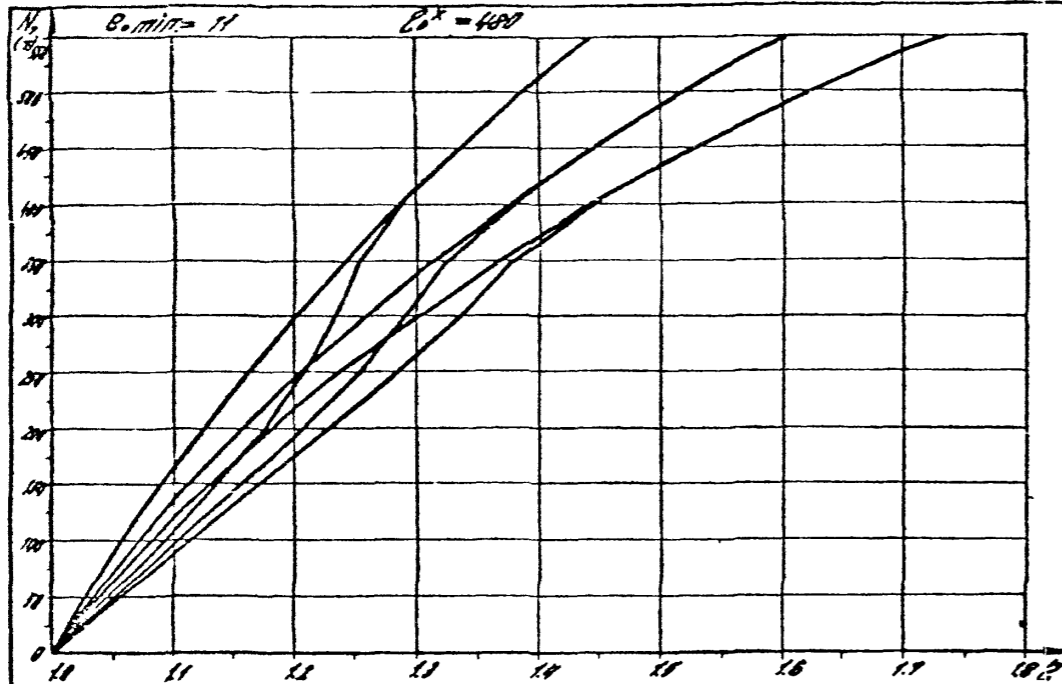
1020-1/87.0-6-3 173	1/07
	2.15



Box 32829 a.224

1.020-1/87. 0-6 - 3 173

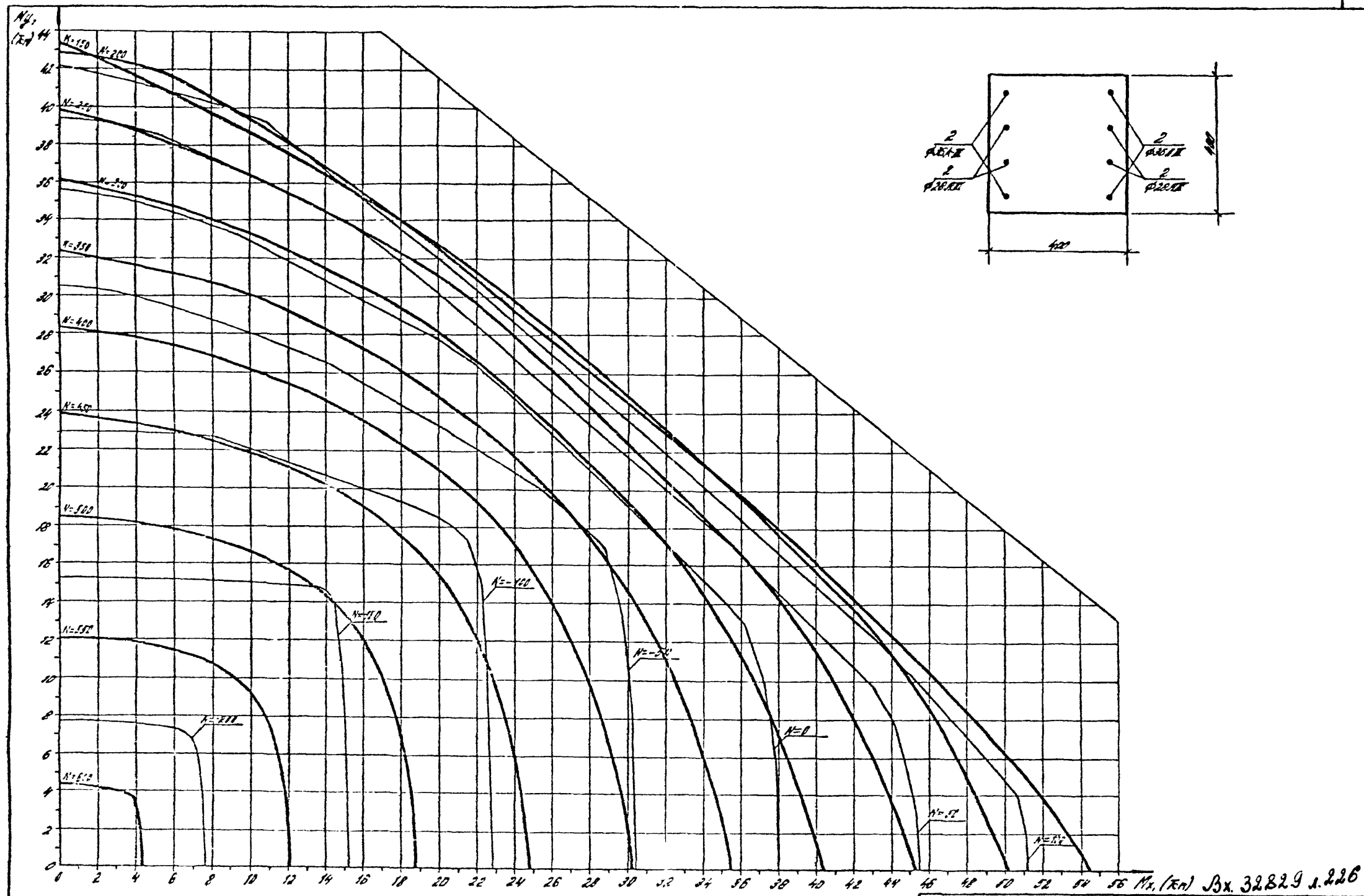
2.16



Bx 32829 A.225

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2007
217



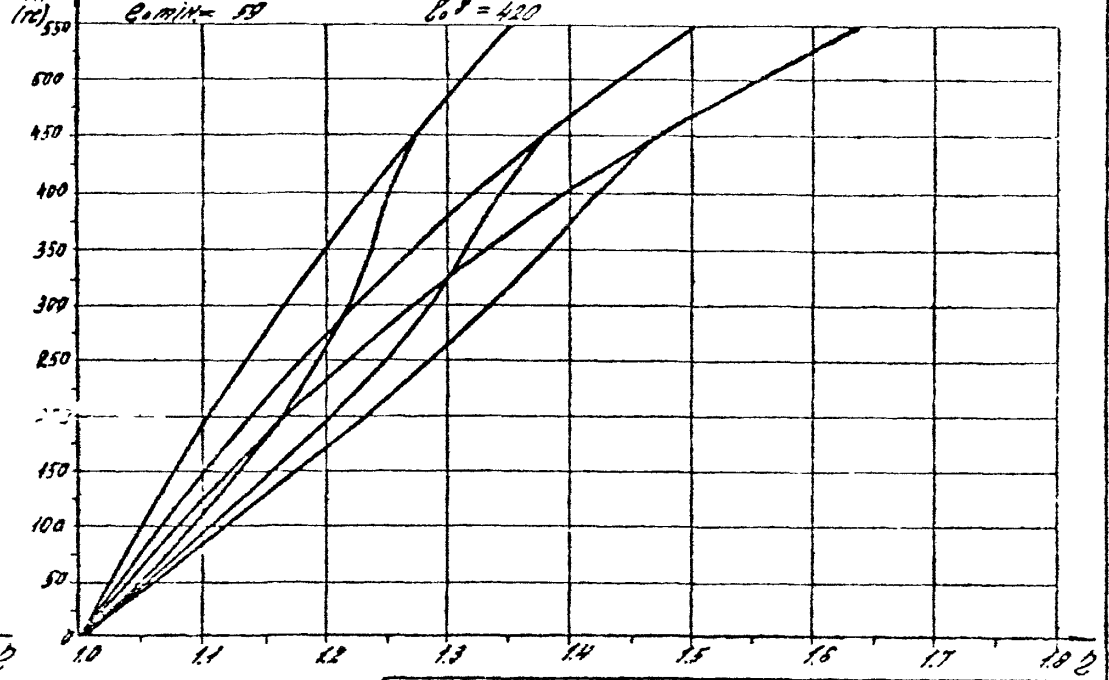
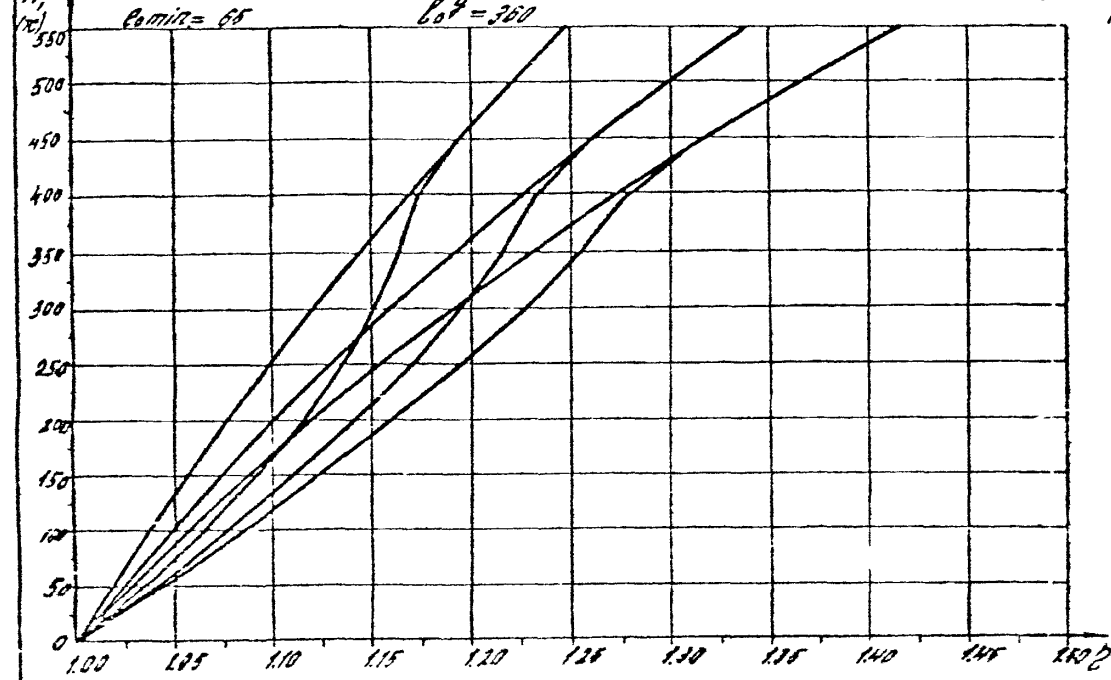
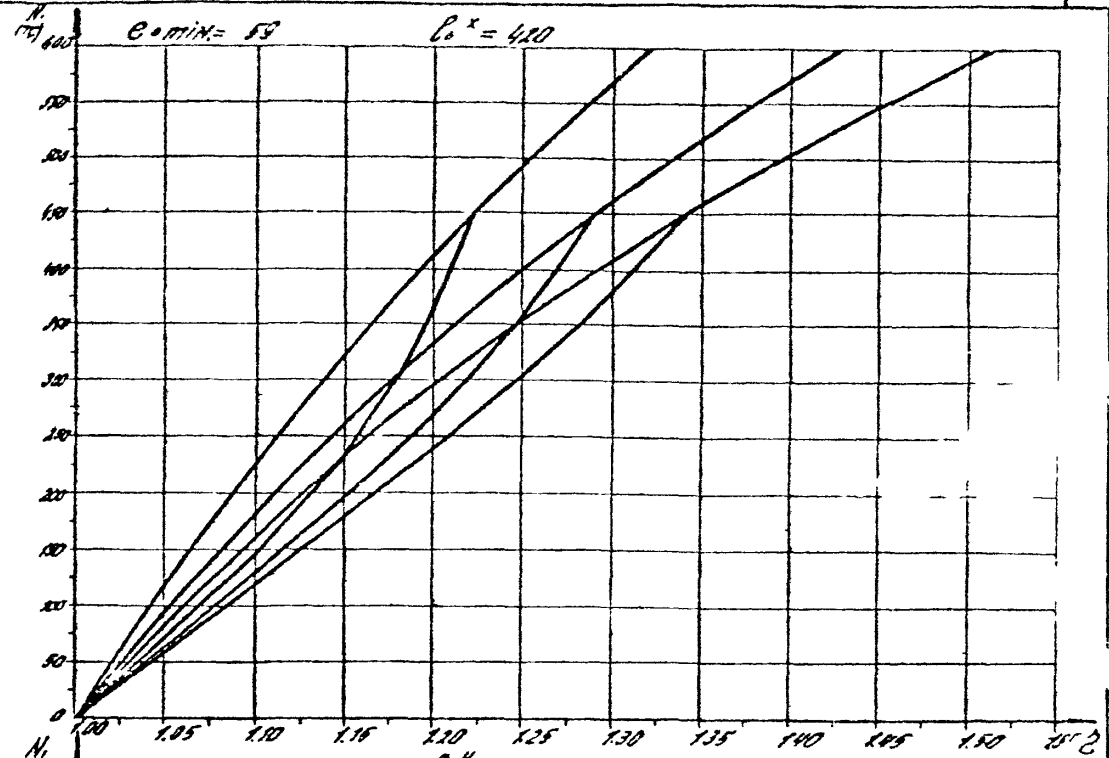
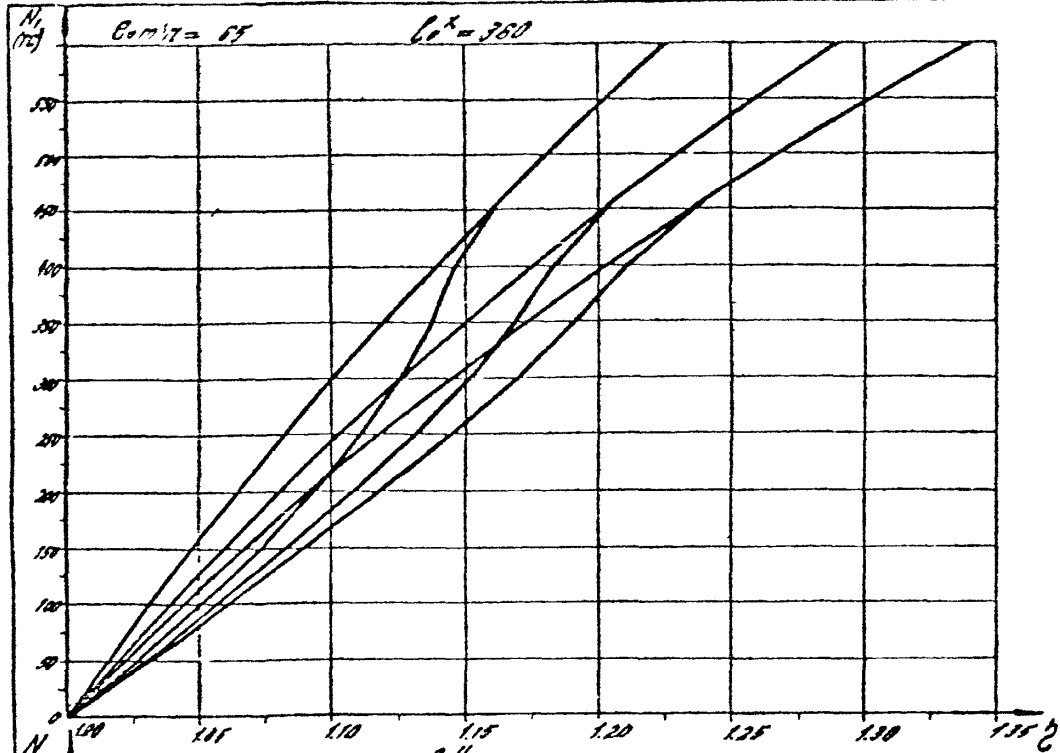
Класс бетона В 40 ( $R_D = 240.4 \text{ кгс/см}^2$  при  $\gamma_{R2} = 1.10$ )

1.020-1/87.0-6-3 п.3

Лист
2.18

Дж. 3282.9 д. 226

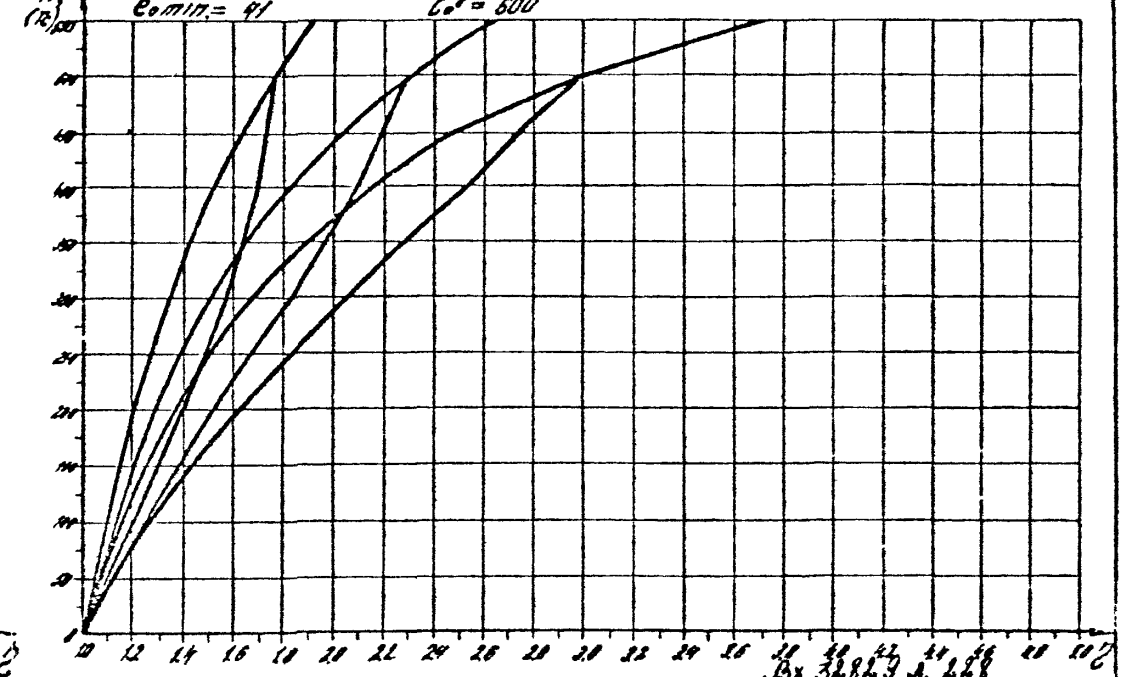
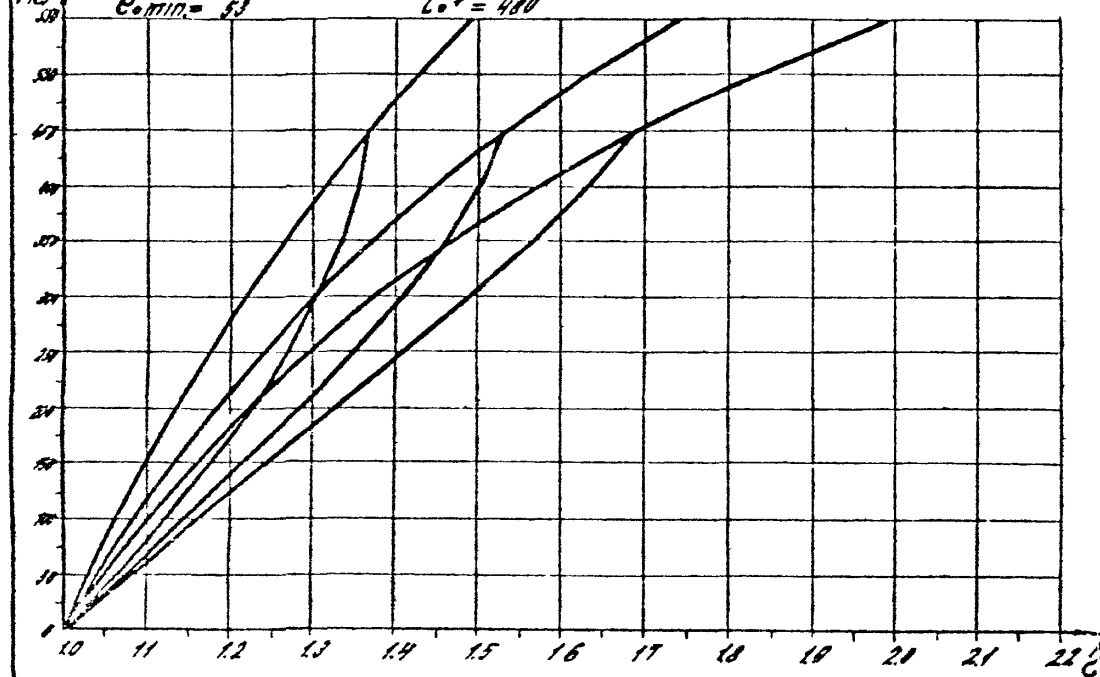
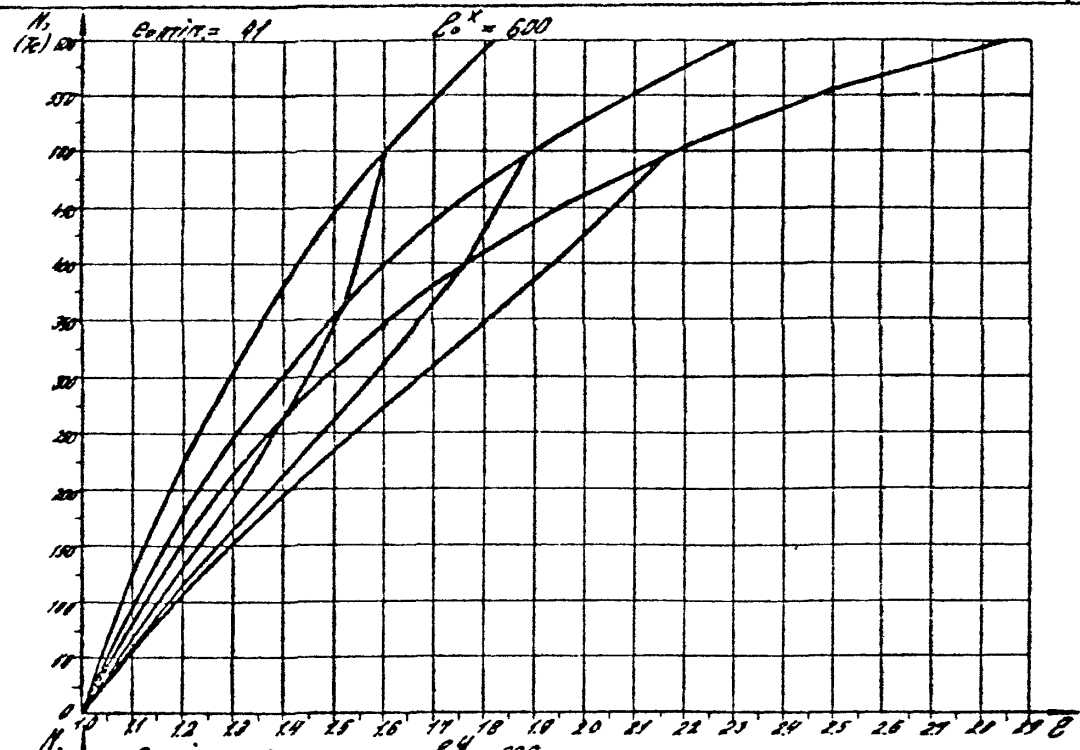
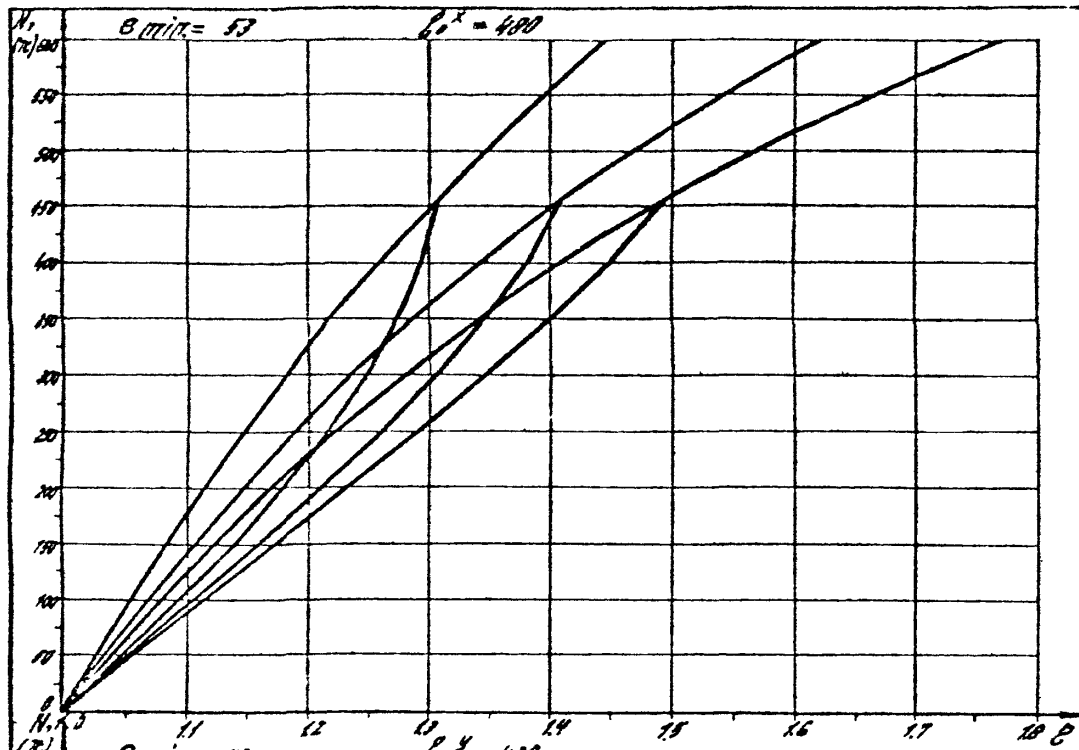




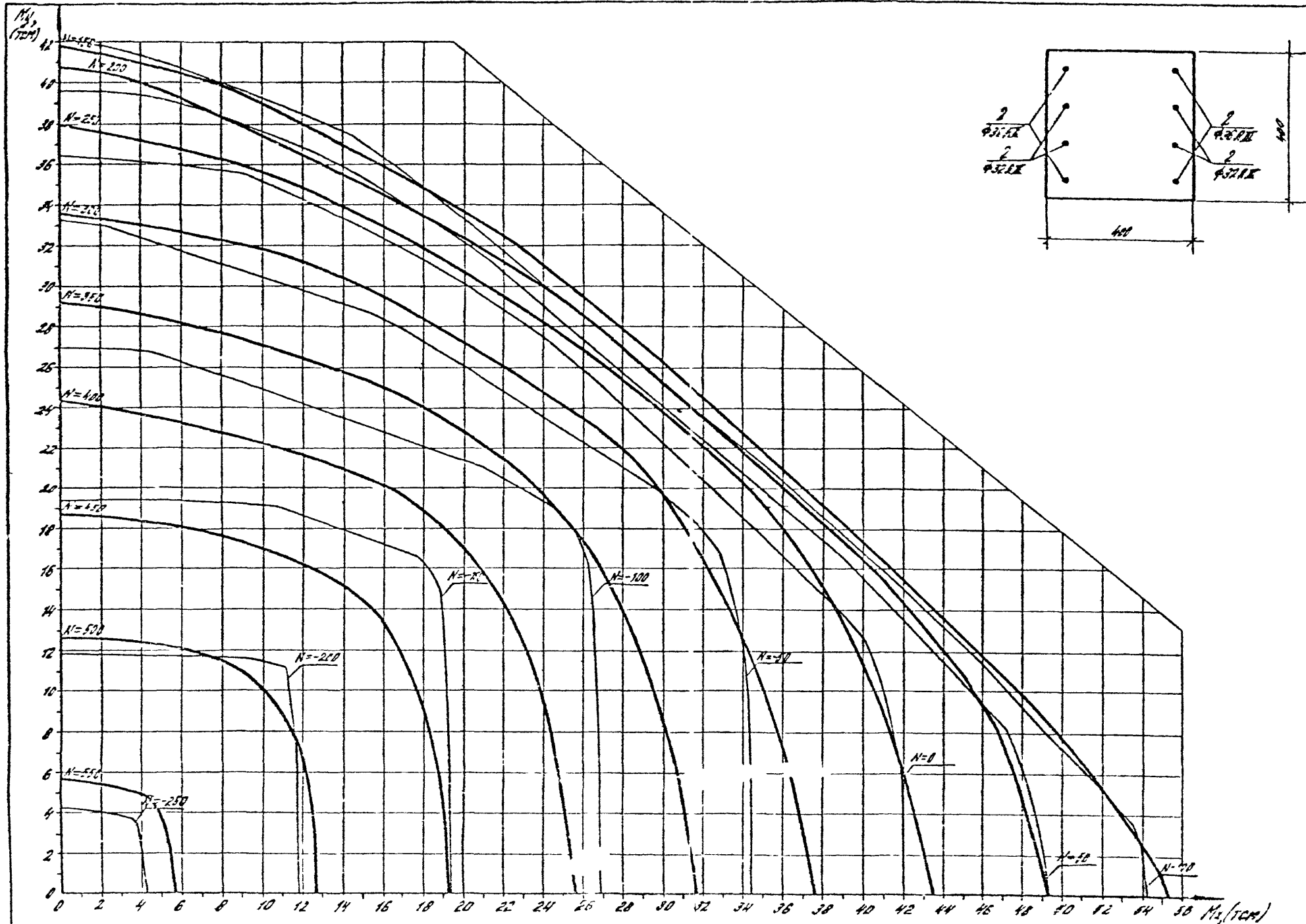
1.020-1/87. 0-6 - 3 173

Bx. 32829 a. 224

Just  
219

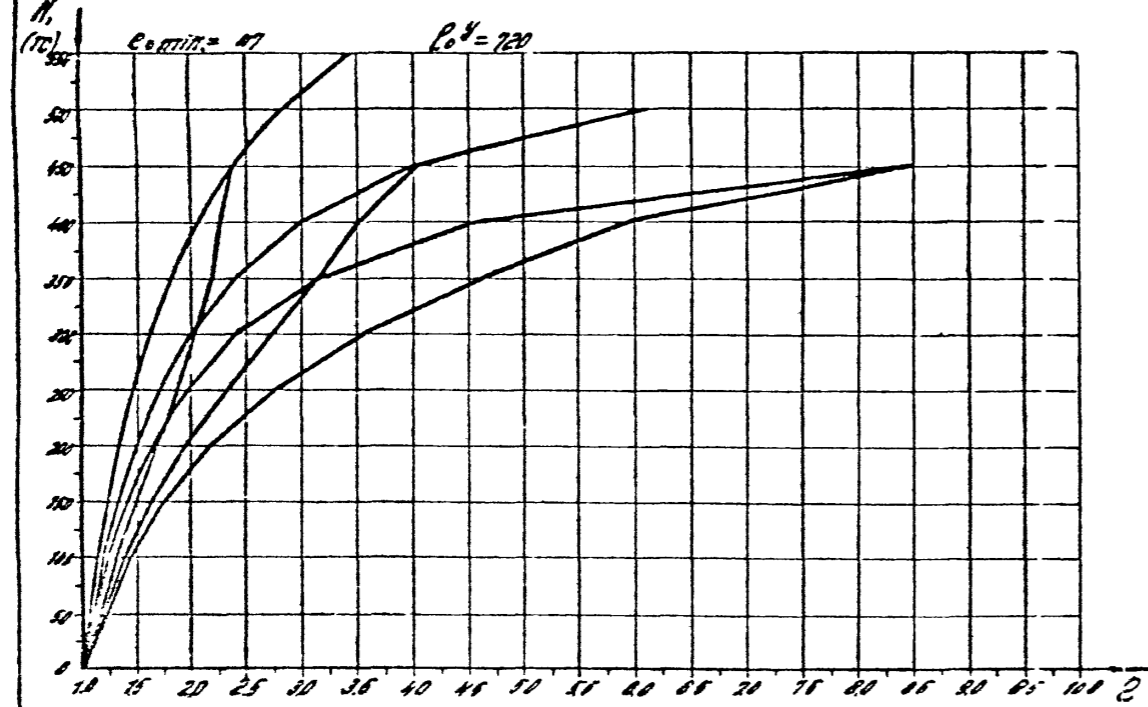
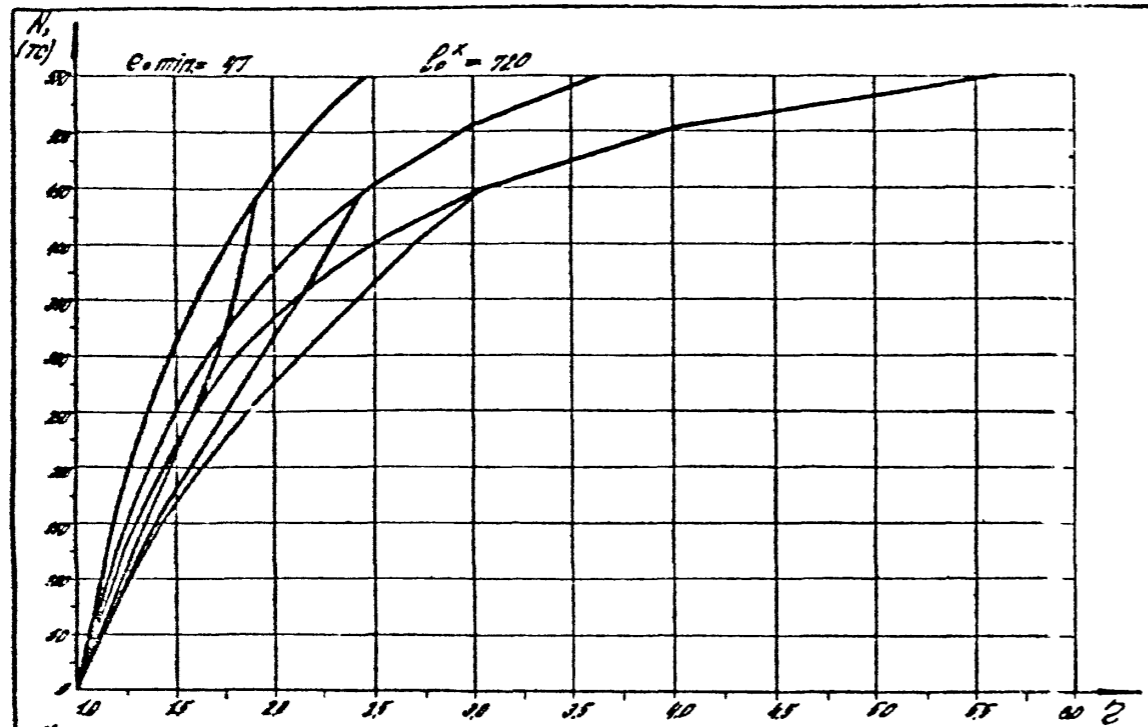


1020-1/87. 0-6-3173  
 AUG 220



Класс бетона В40 ( $R_b = 231.6 \text{ кгс/см}^2$  при учете  $\gamma_{c2} = 0.9$ )

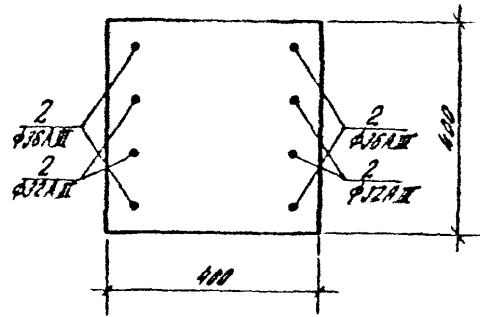
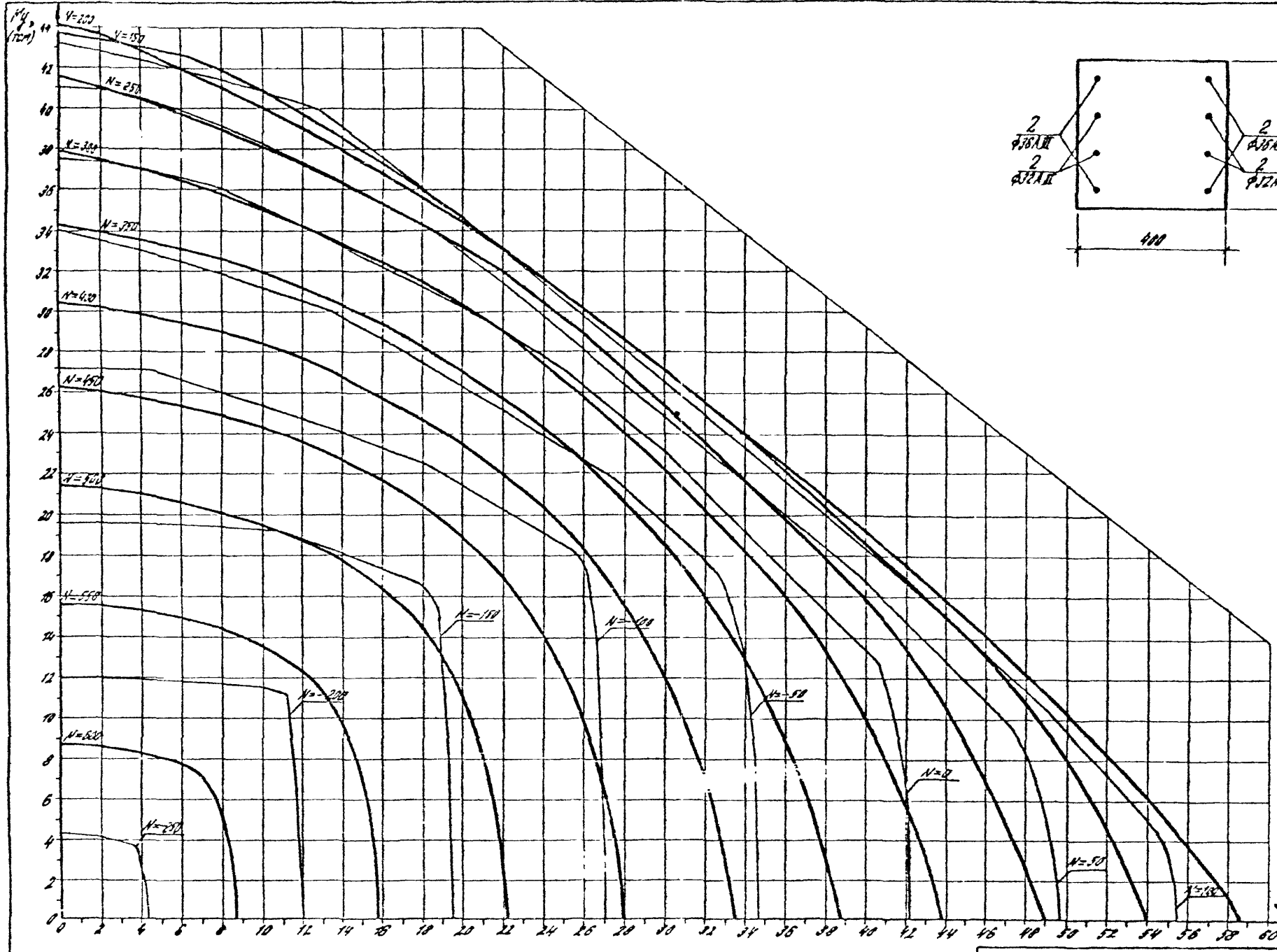
Вх. 32829 л. 229  
 1.020-1/87. Д-6-3173  
 Асст  
 221



Bx. 32829 A.230

1020-1/87. 0-6-373

1027
222

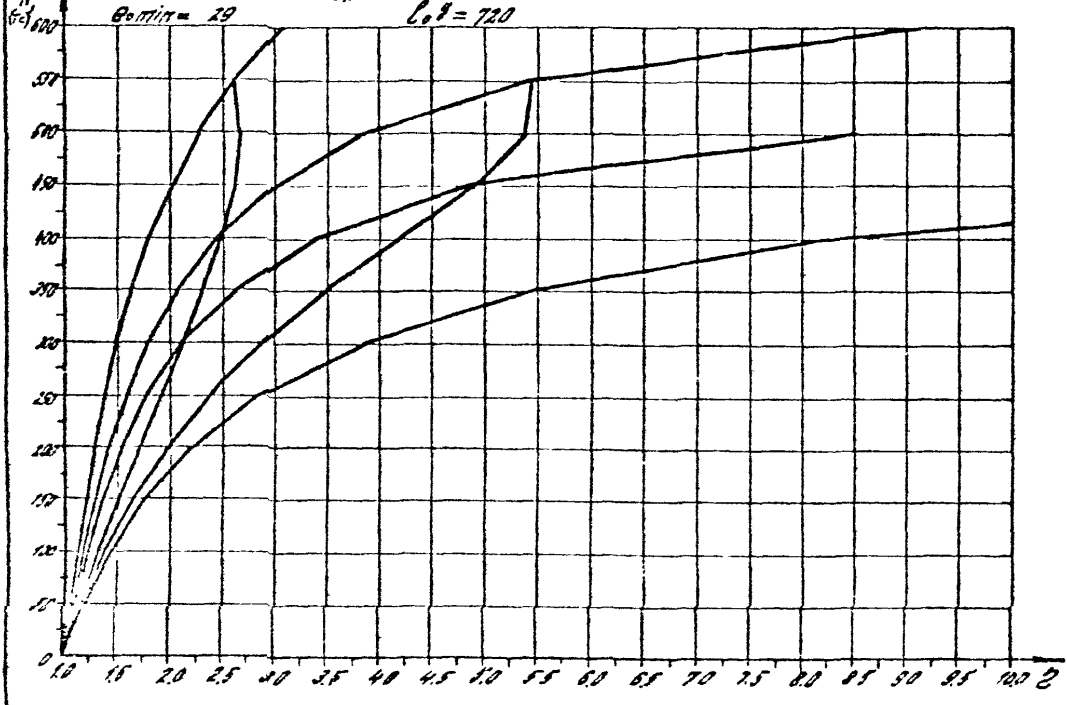
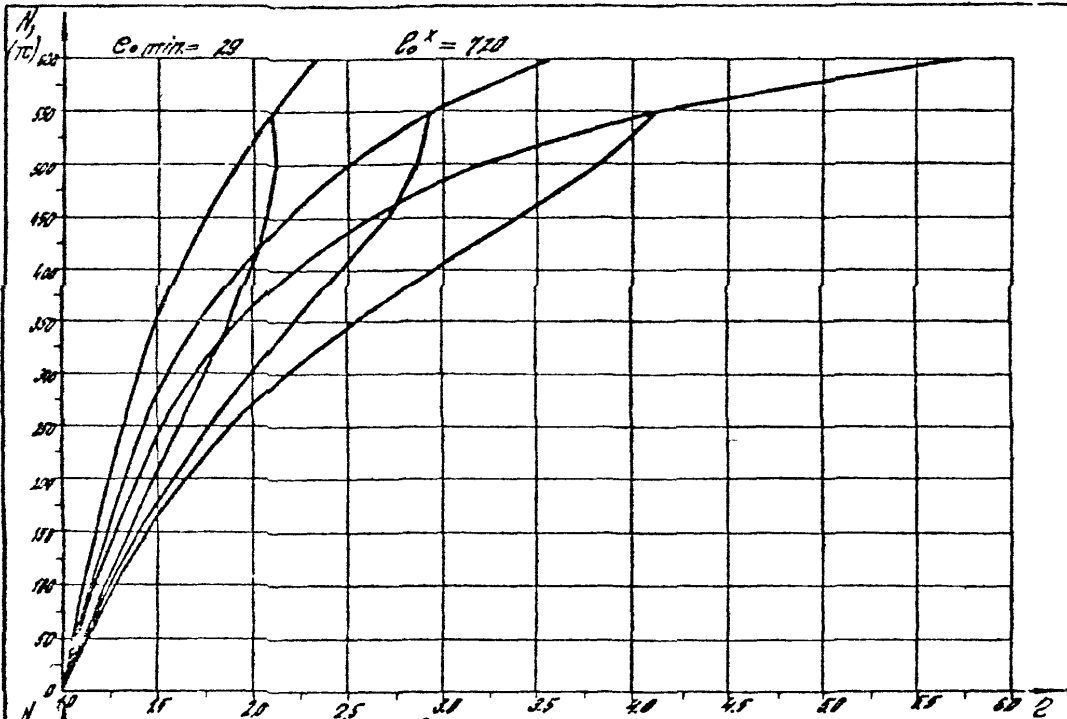


Вх. 32829

Класс бетона В40 ( $R_b = 24.6 \text{ МПа}$  при учете  $\gamma_{b2} = 1.10$ )

1020-1/87. 0-6-3 ПЗ

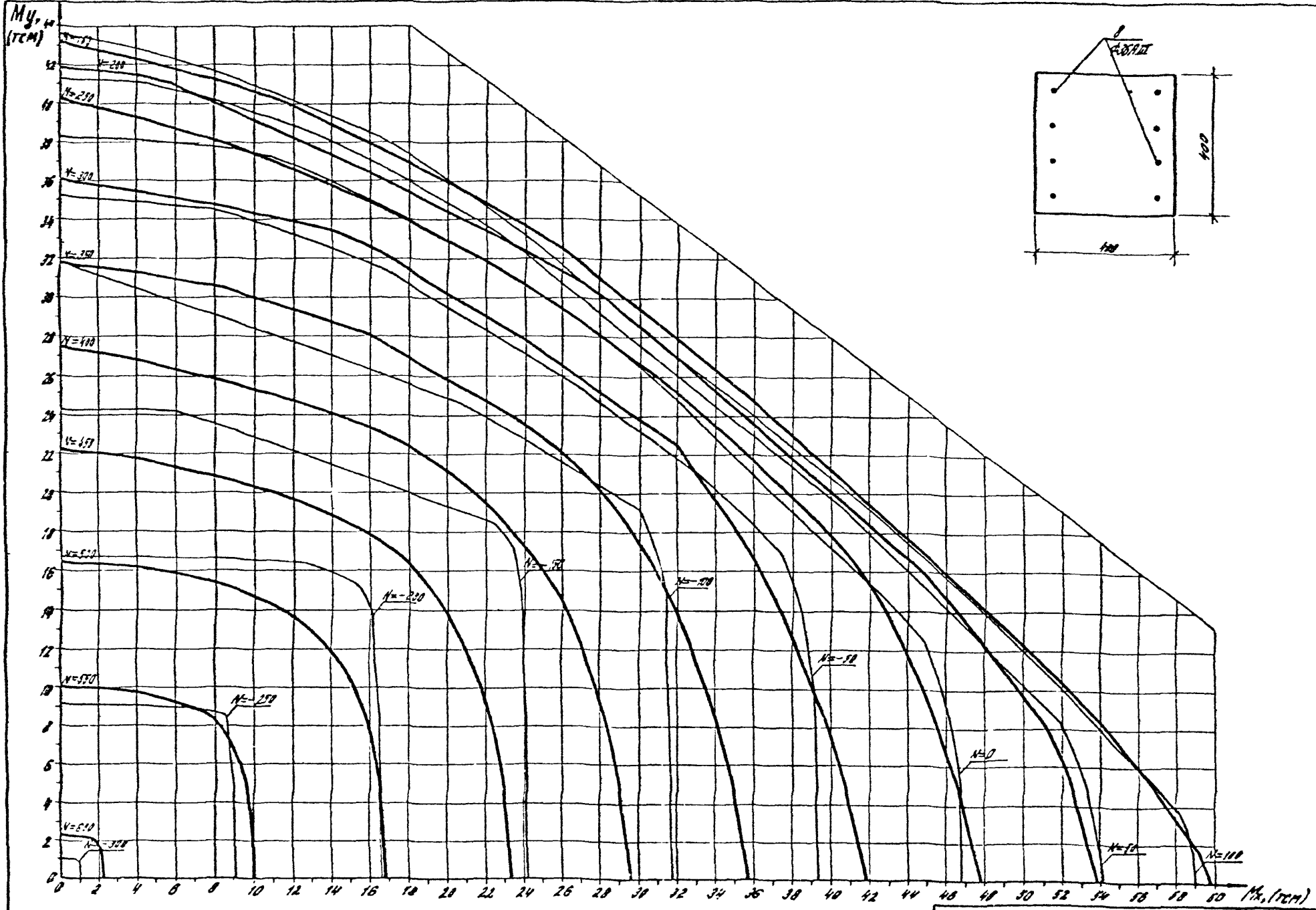
Лист  
225



Bx. 32829 & 232

1020-1/87 . 0-6-373

1007
224

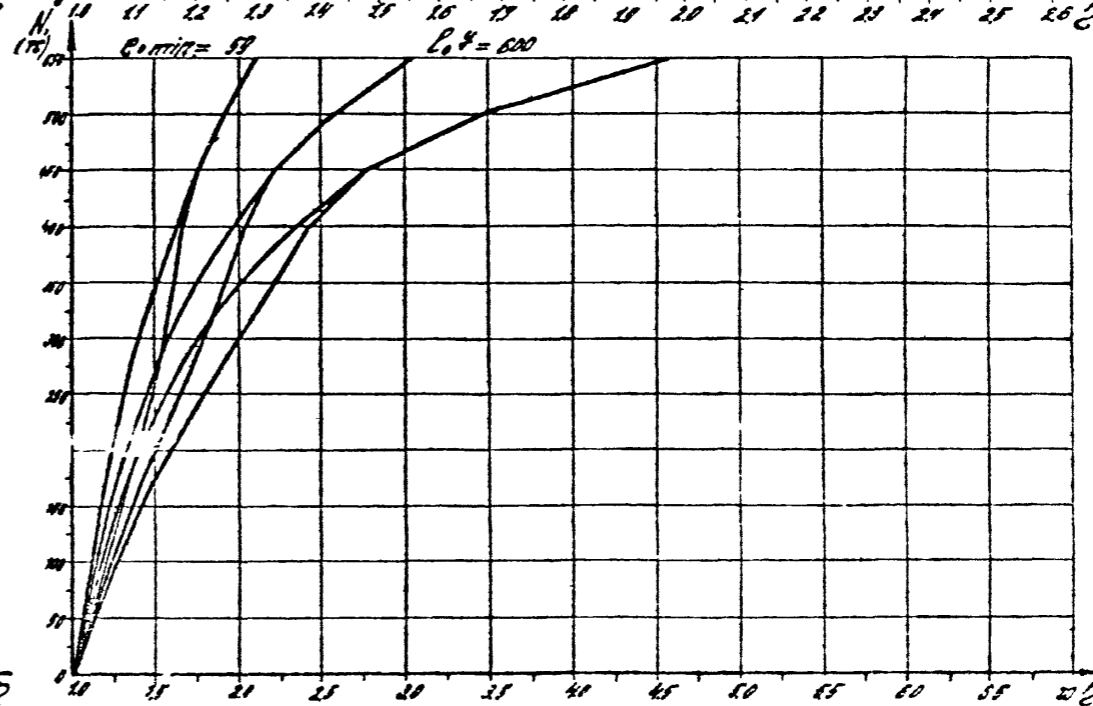
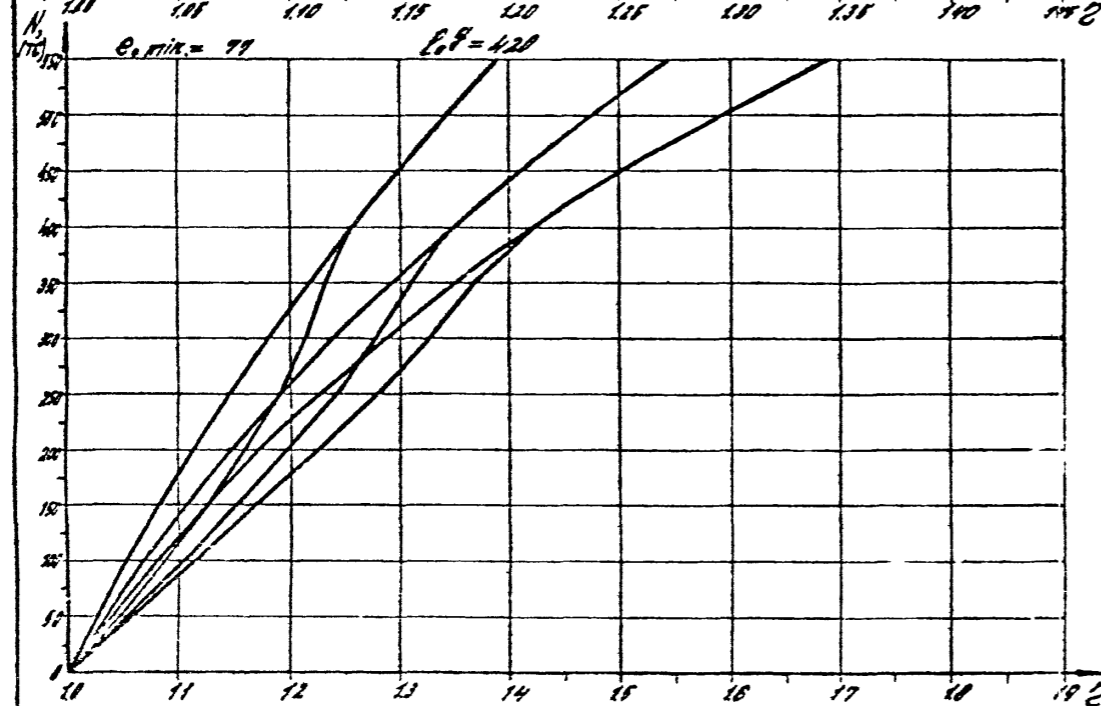
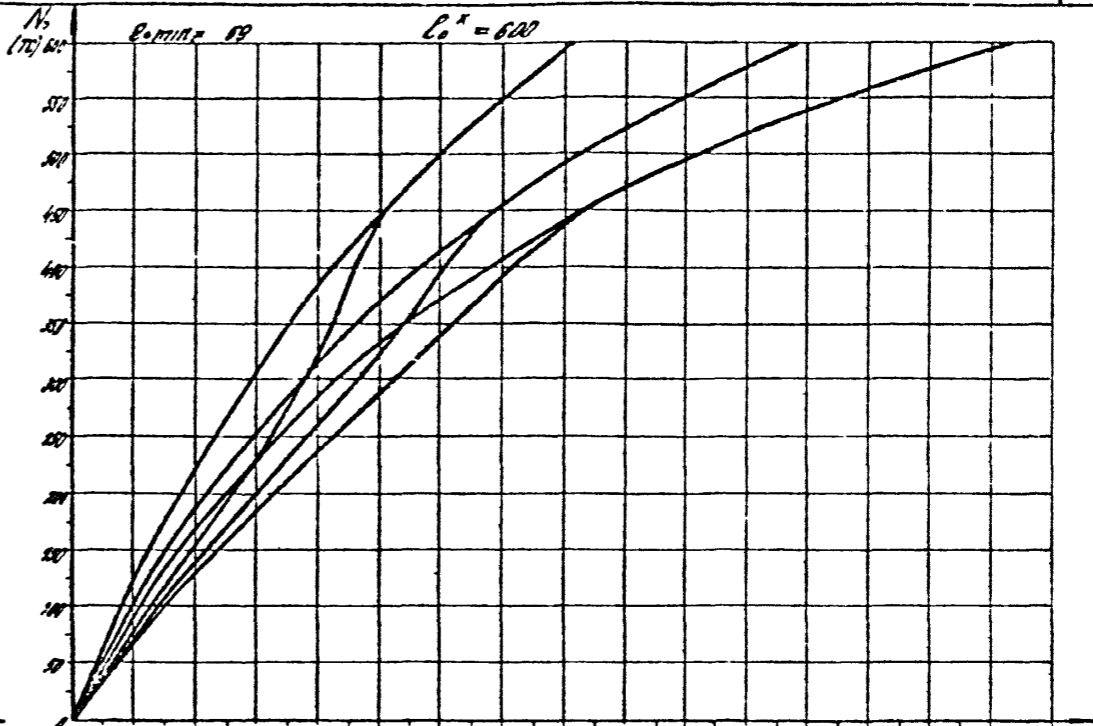
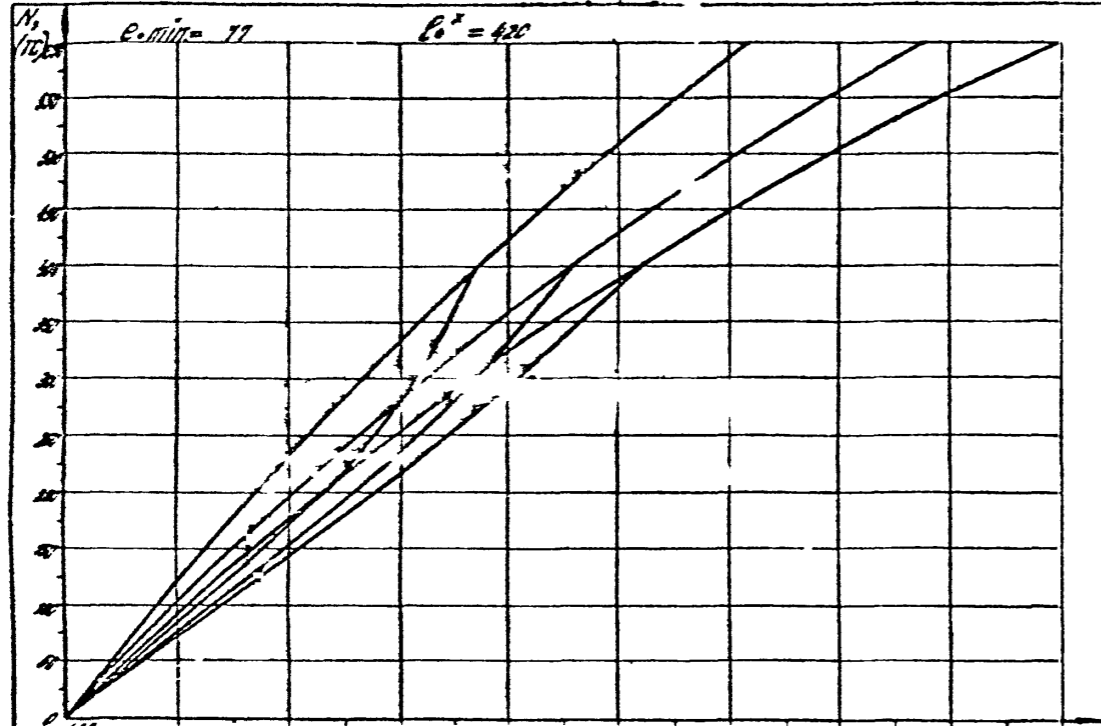


Класс бетона В40 ( $R_b = 201.6 \text{ кгс/см}^2$  при учете  $\gamma_{b2} = 0.9$ )

1020-1/87. 0-6-313

Лх. 32829 А.233

Лист 225

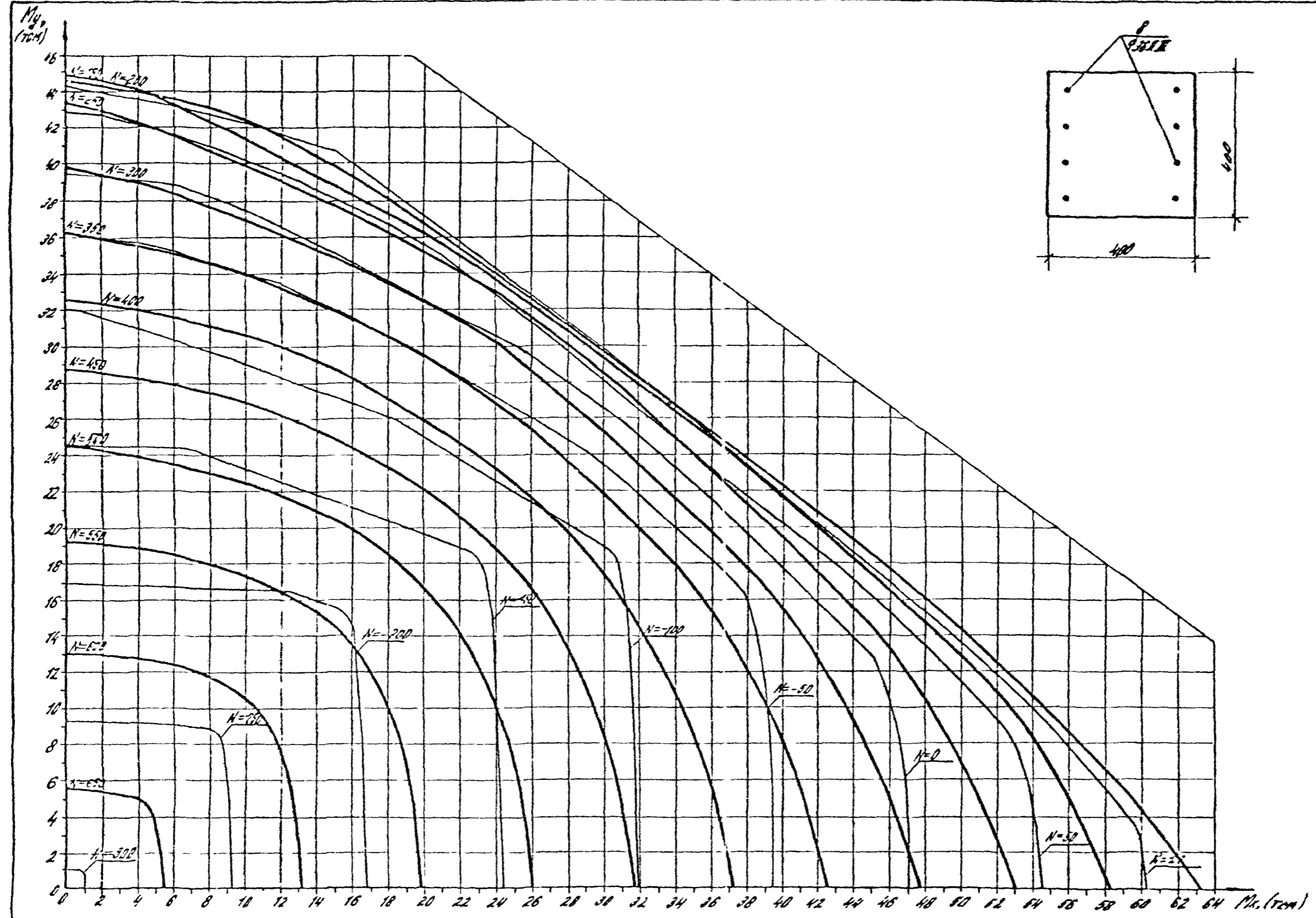


1020-1/87 0-6-373

Bx. 32829 A. 234

Aug 27  
226

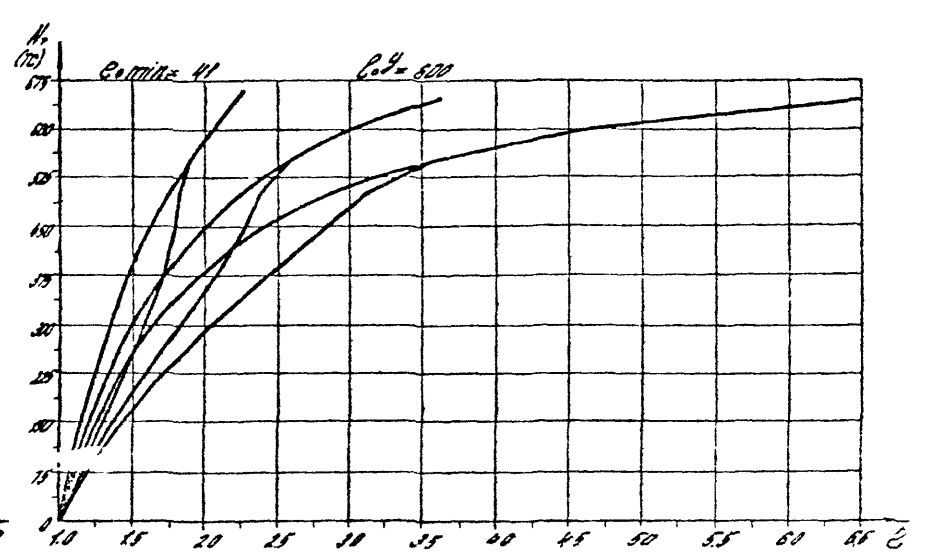
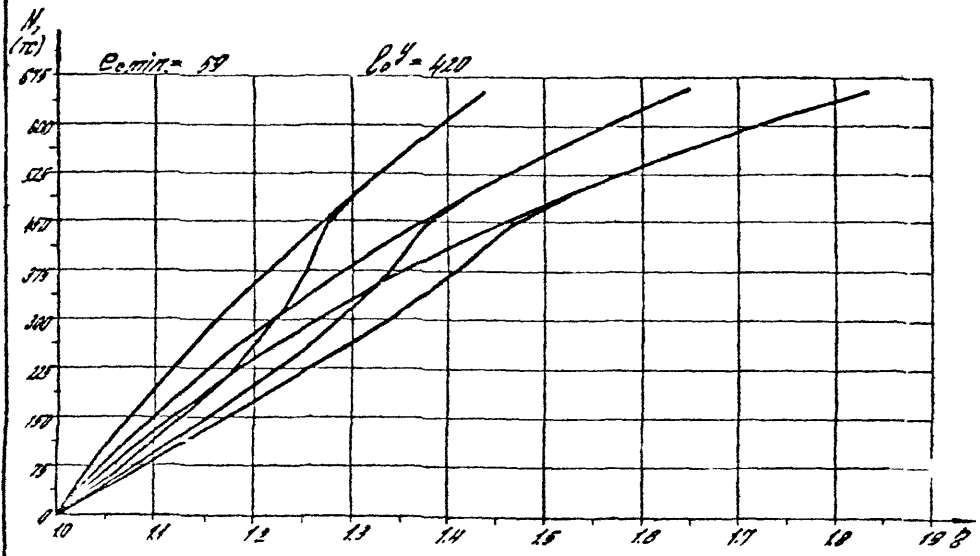
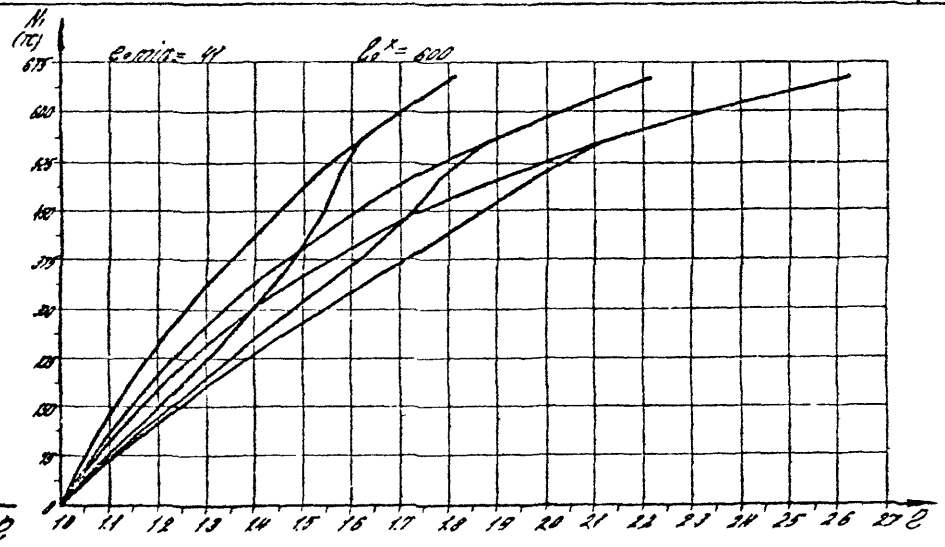
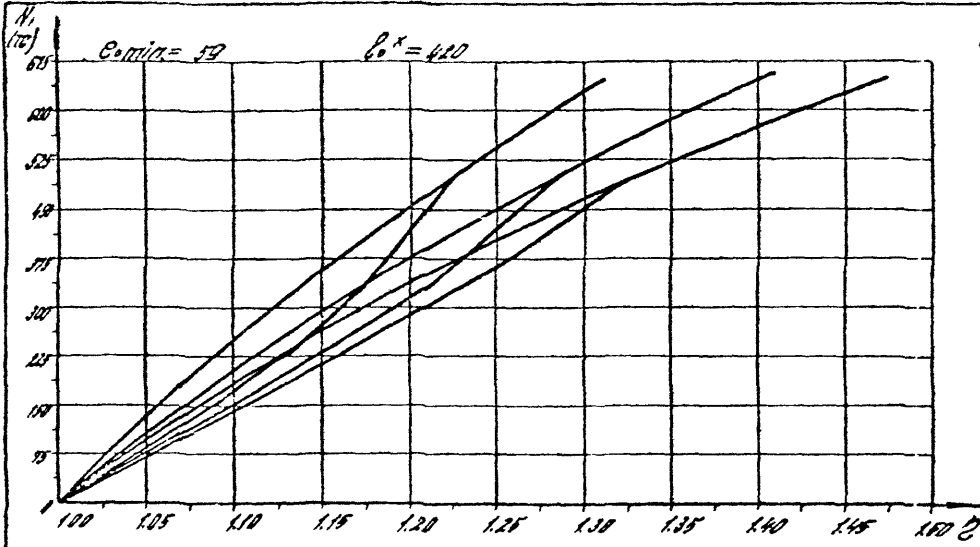




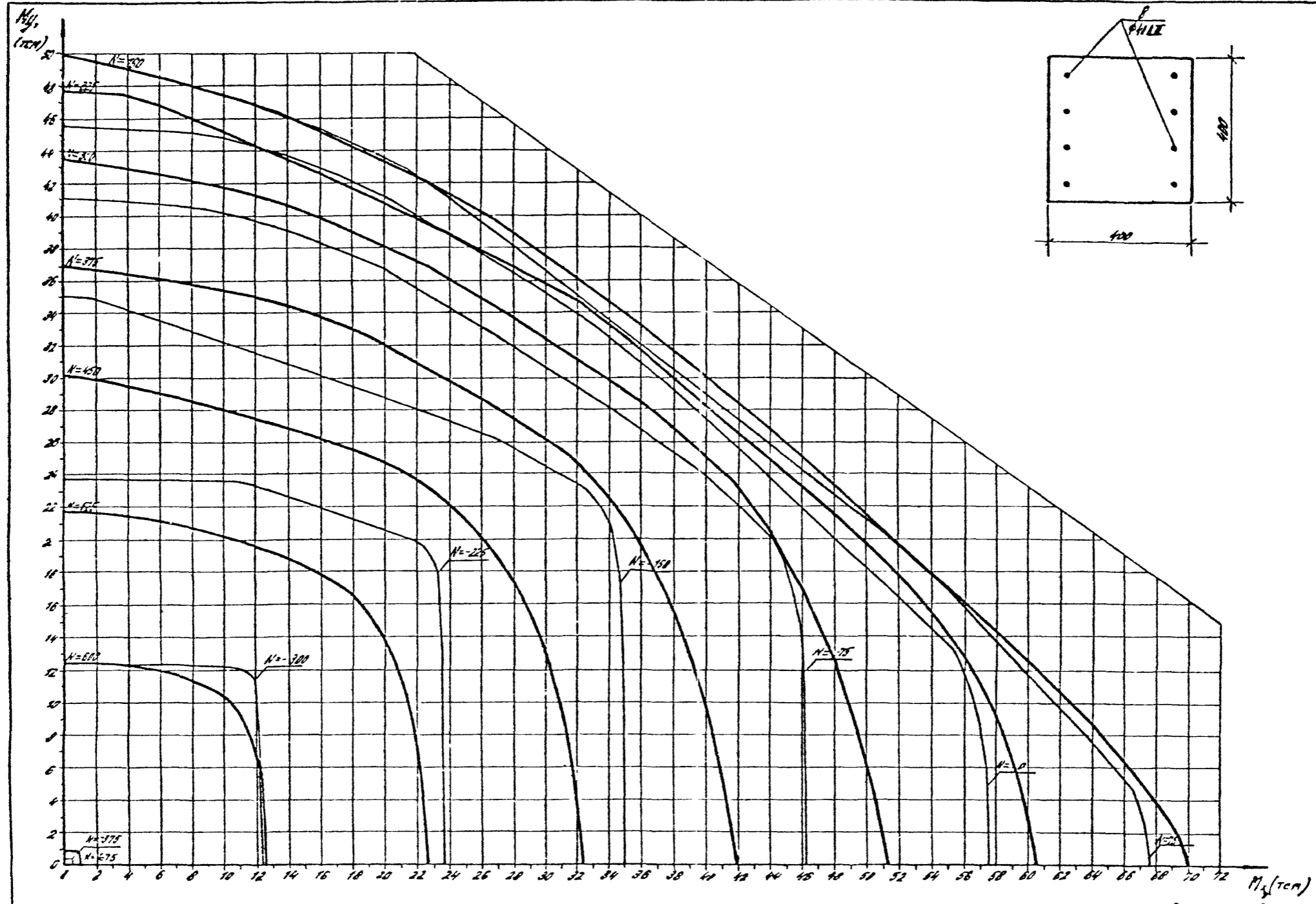
Класс бетона В40 ( $R_B = 246.4 \text{ кг/см}^2$  при учете  $\gamma_{B2} = 1.10$ )

1.020-1/87 0-6-373

1/207  
227



1020-1/87. 0-6-3 113

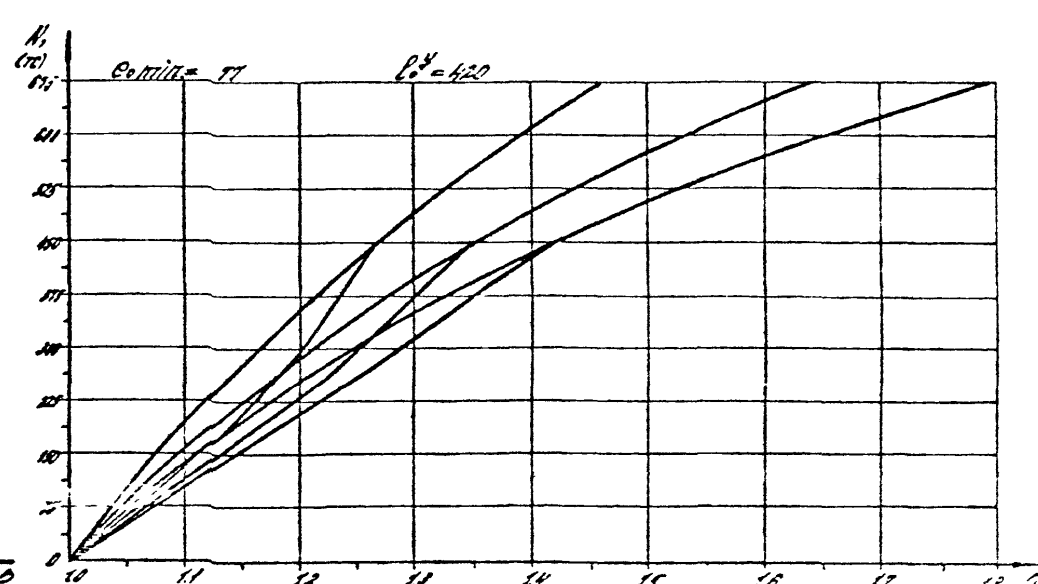
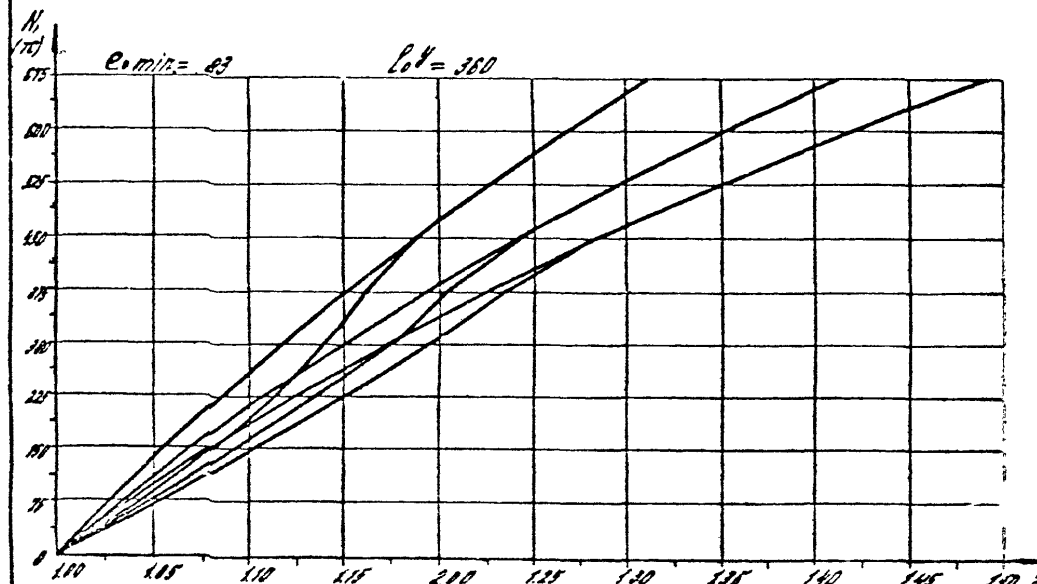
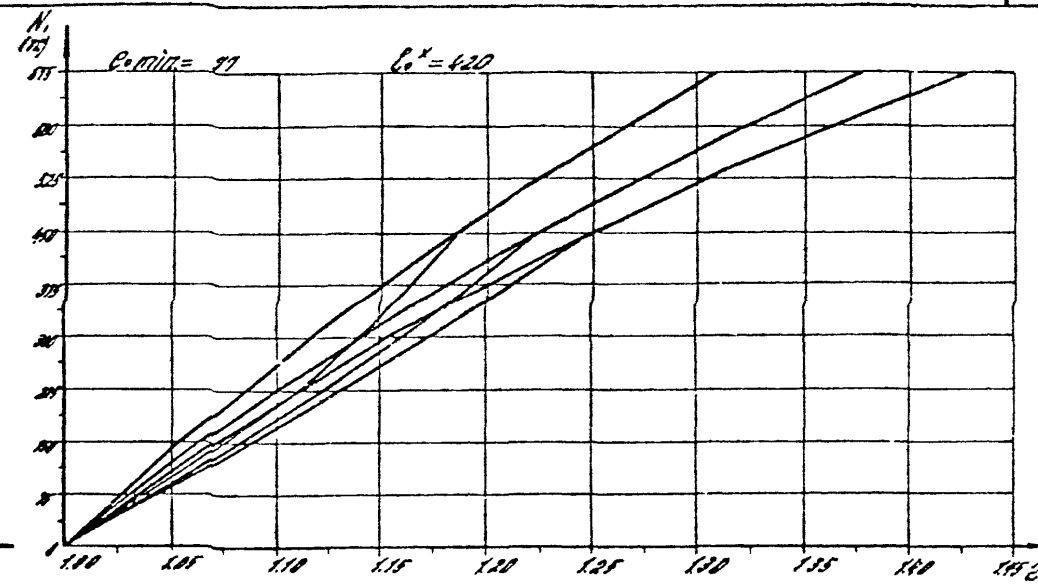
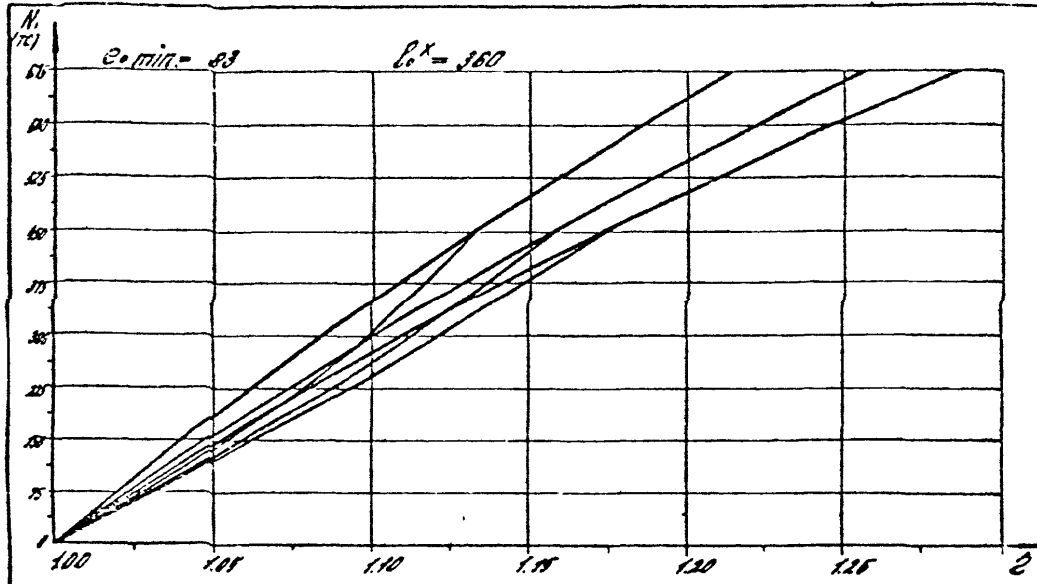


Класс бетона В40 ( $R_b = 201 \text{ кгс/см}^2$  при  $\gamma_{b2} = 0,9$ )

Бх. 32829 и. 234

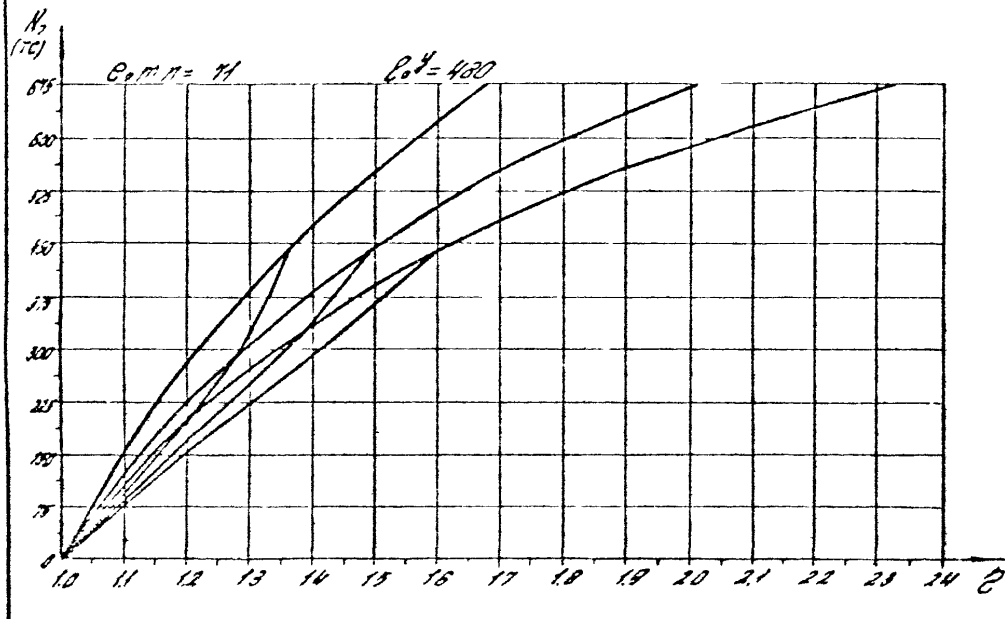
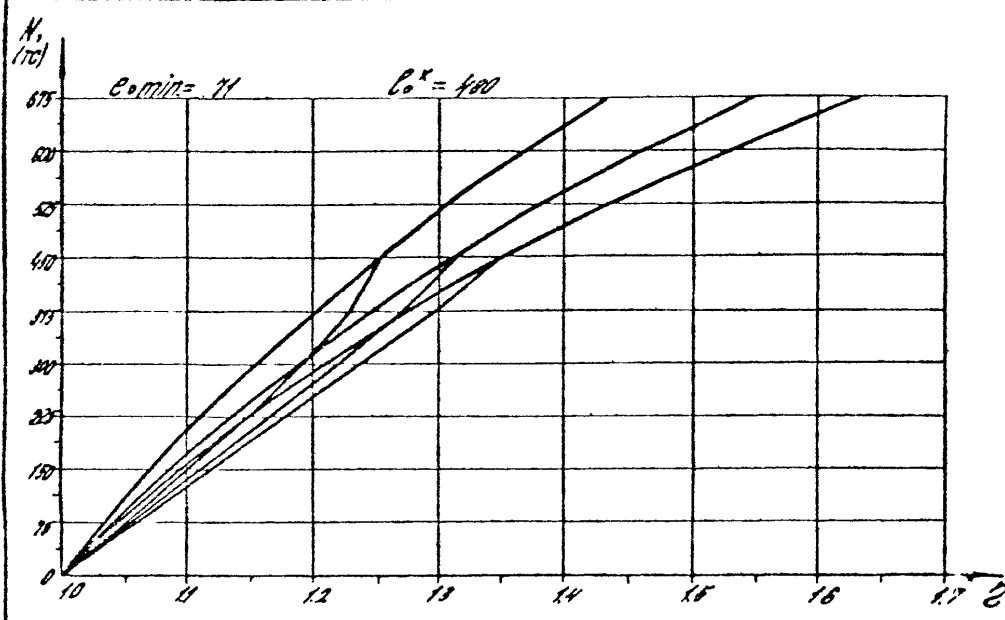
1.020-1/87. 0-6 - 3 ПЗ

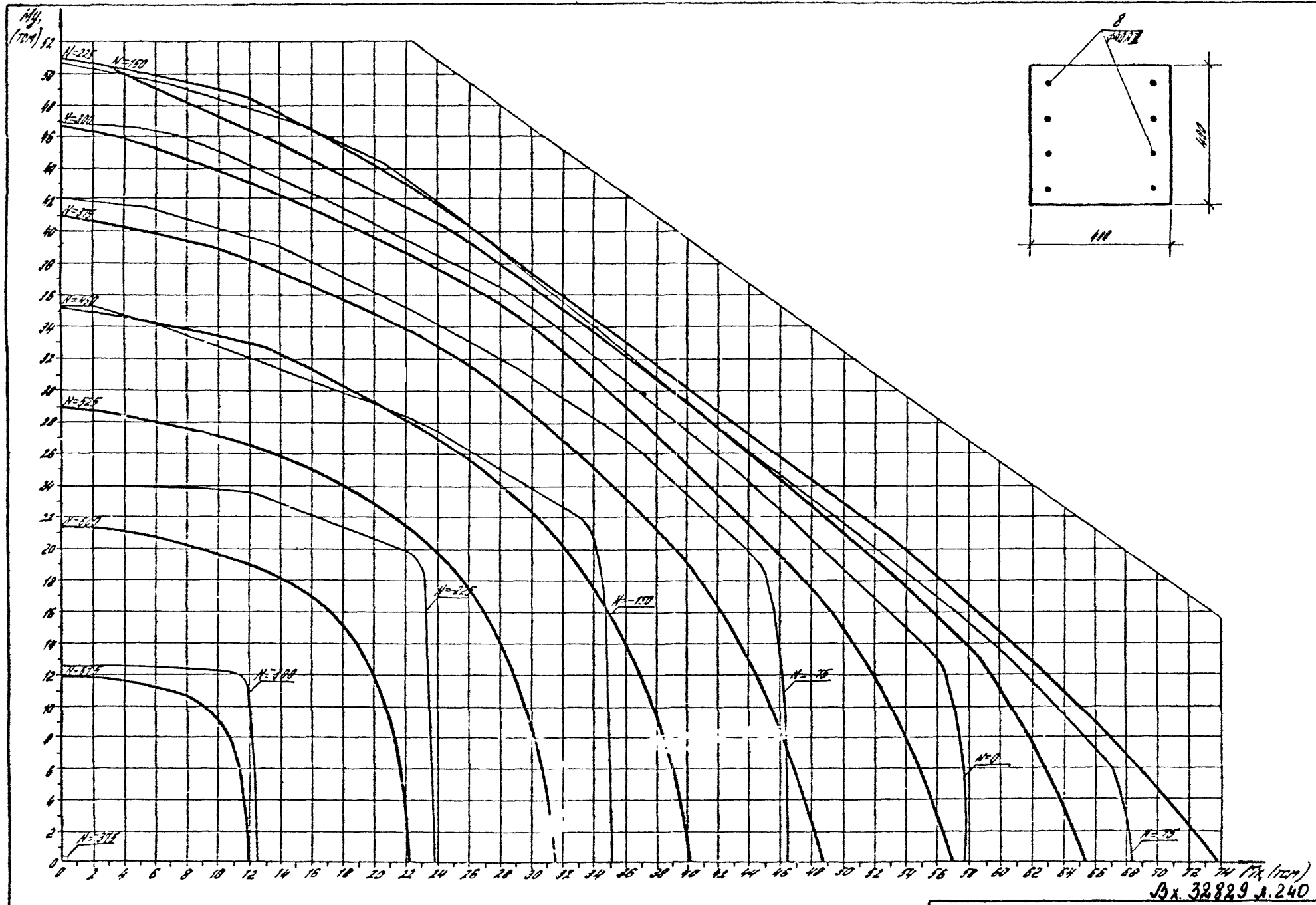
Лист
229



Bx 32829 A. 238

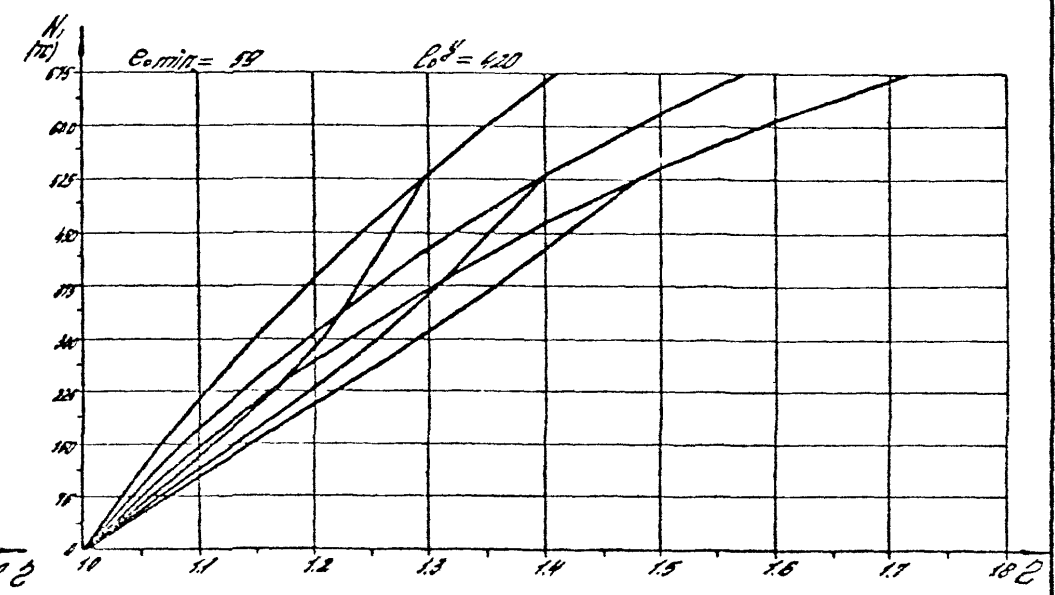
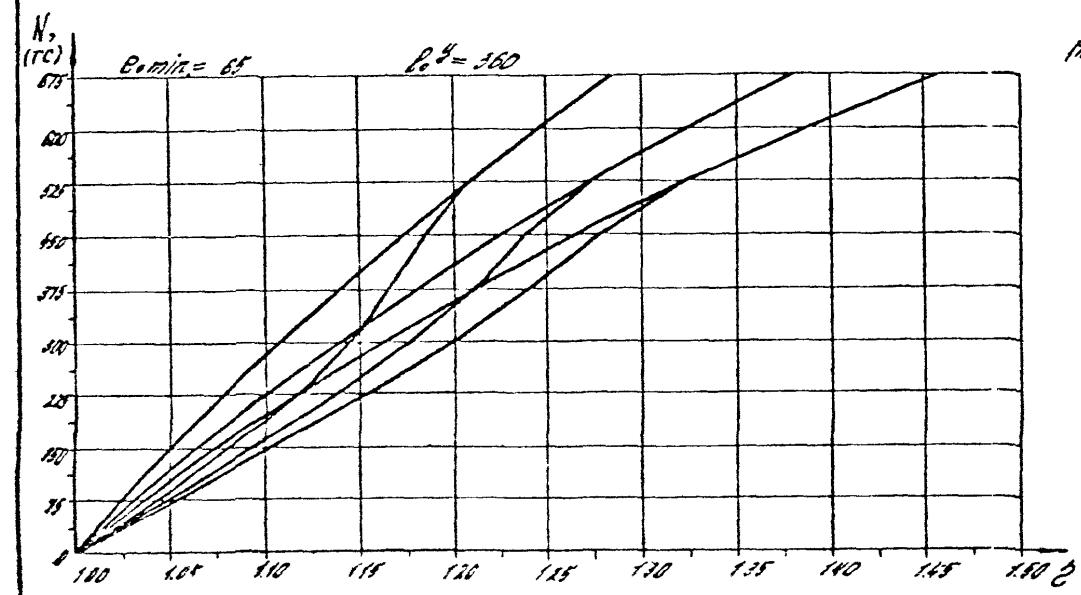
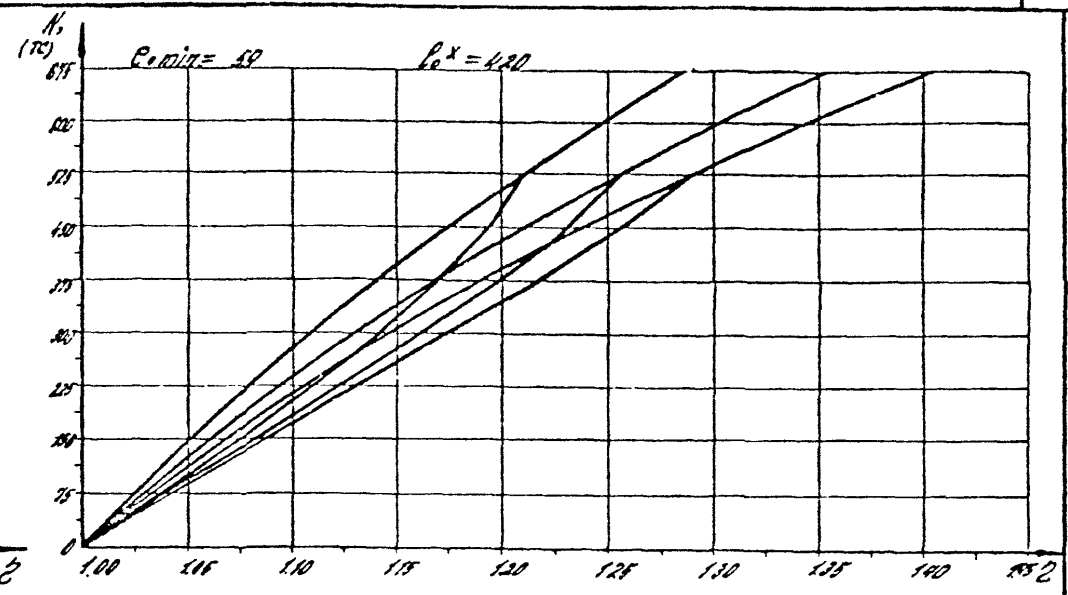
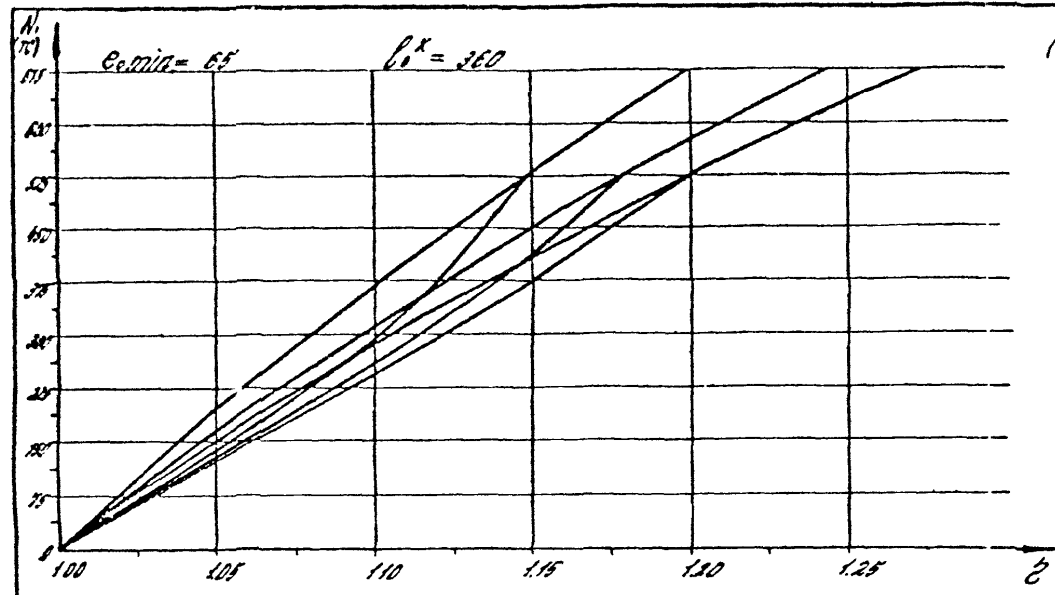
1020-1/87.0-6-373	407
	230





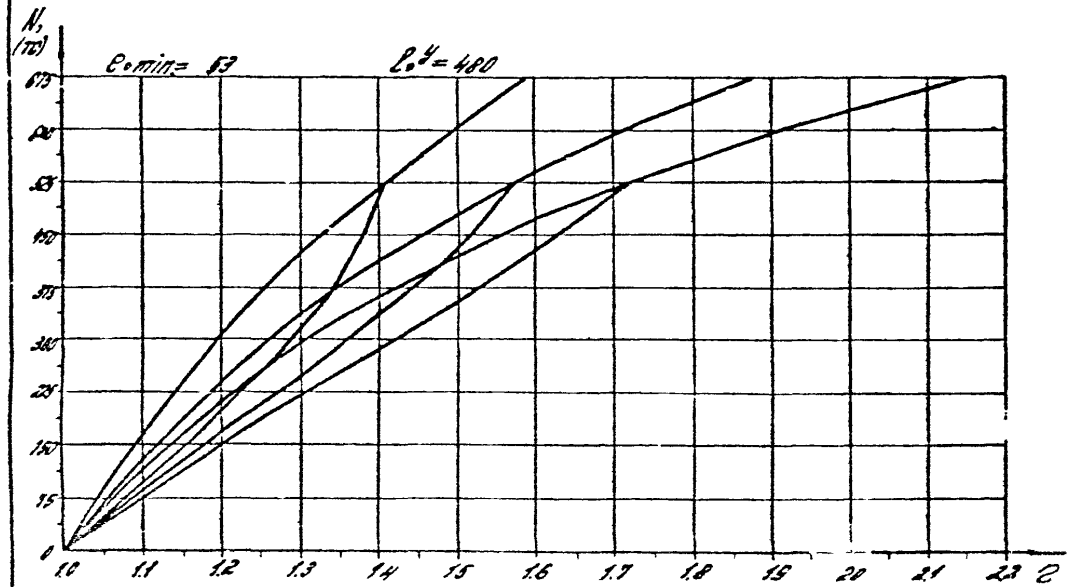
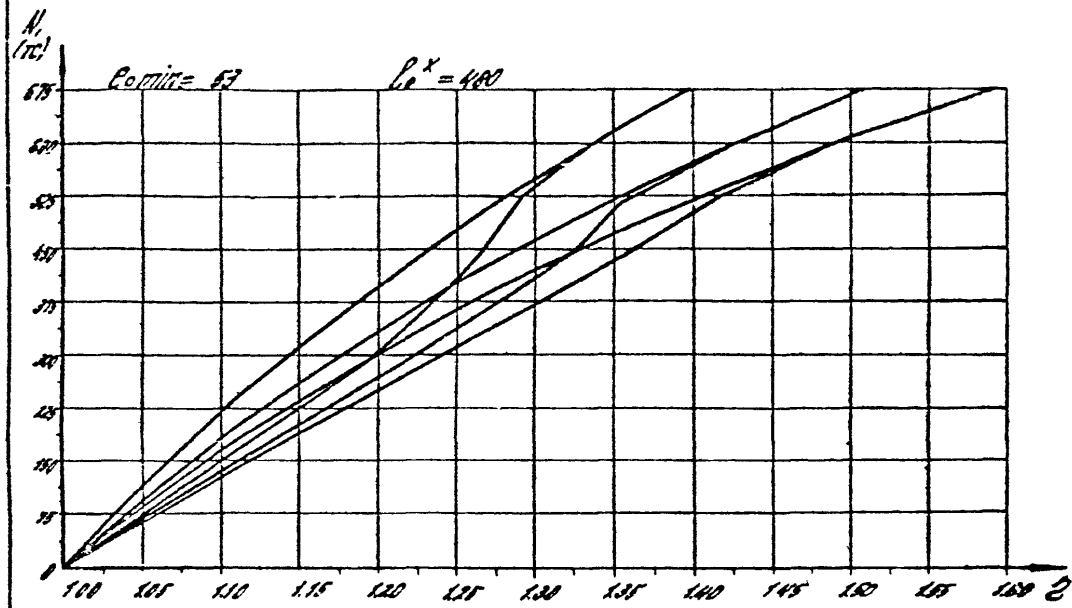
Класс бетона В40 ( $R_b = 240 \text{ кгс/см}^2$  при  $\gamma_{b2} = 1.10$ )

1020-1/87 0-6-3 113  
 32829 А.240  
 232



Sx. 32829 A. 241

1.020-1/87. 0-6-373	239
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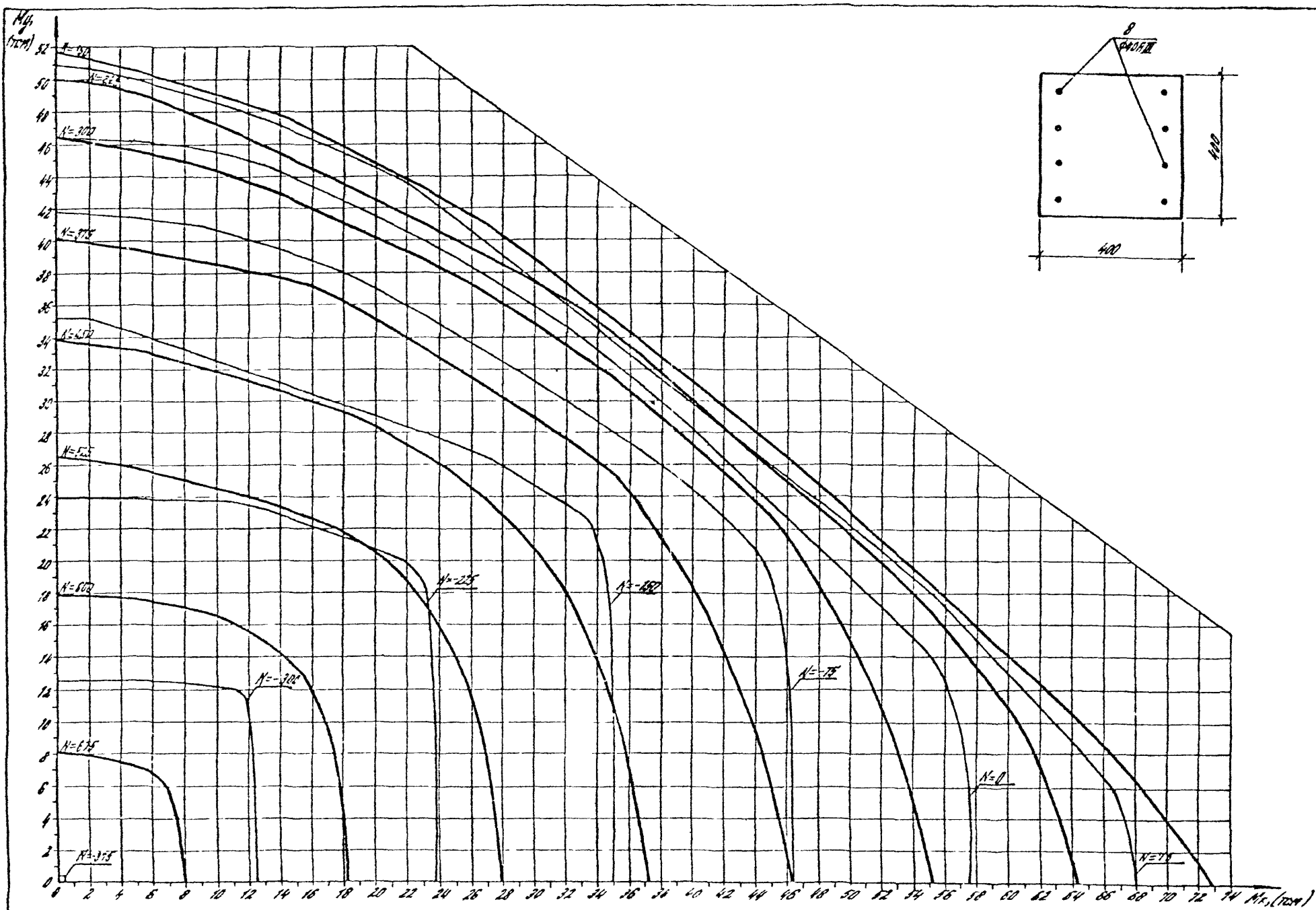


Box 32829 A. 242

1020-1/87 0-6-3 113

1107
234

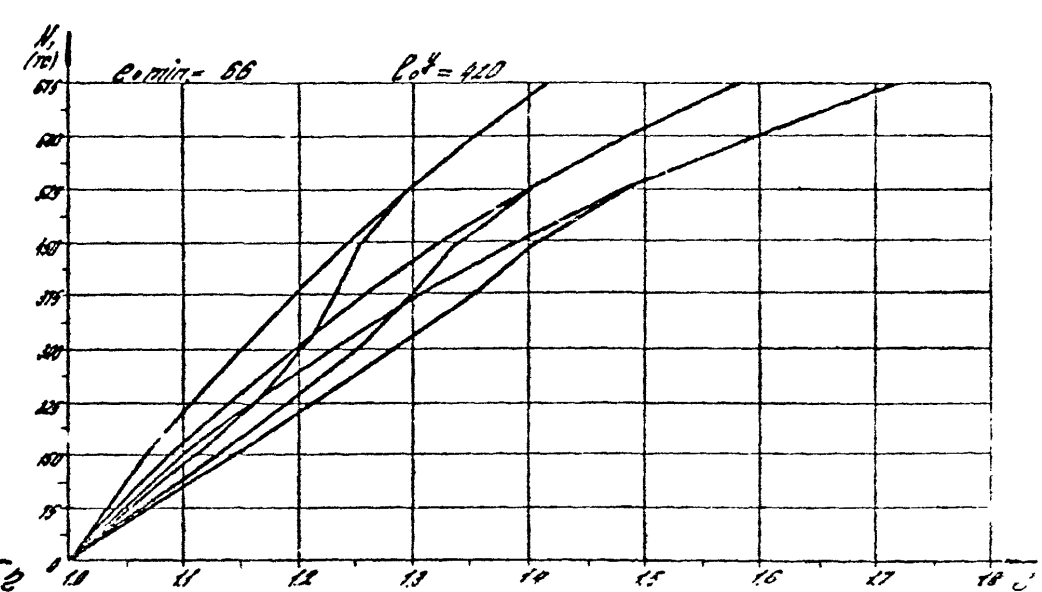
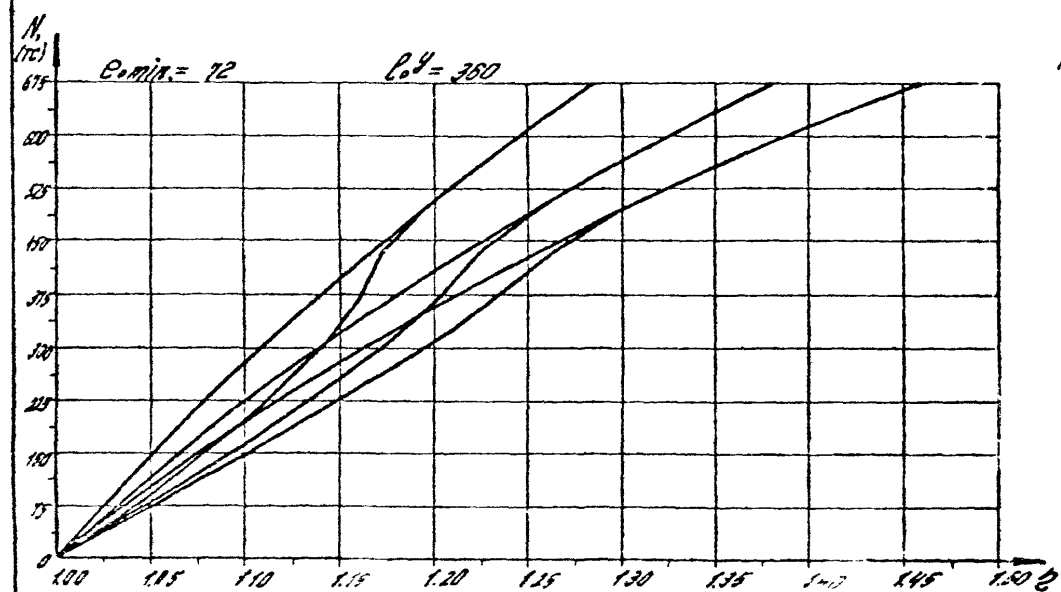
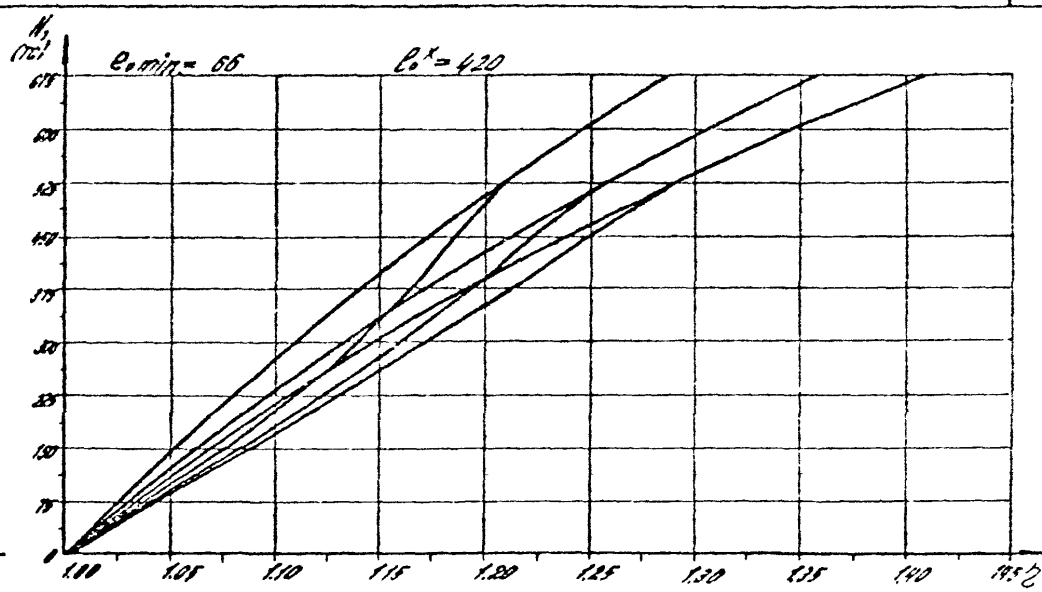
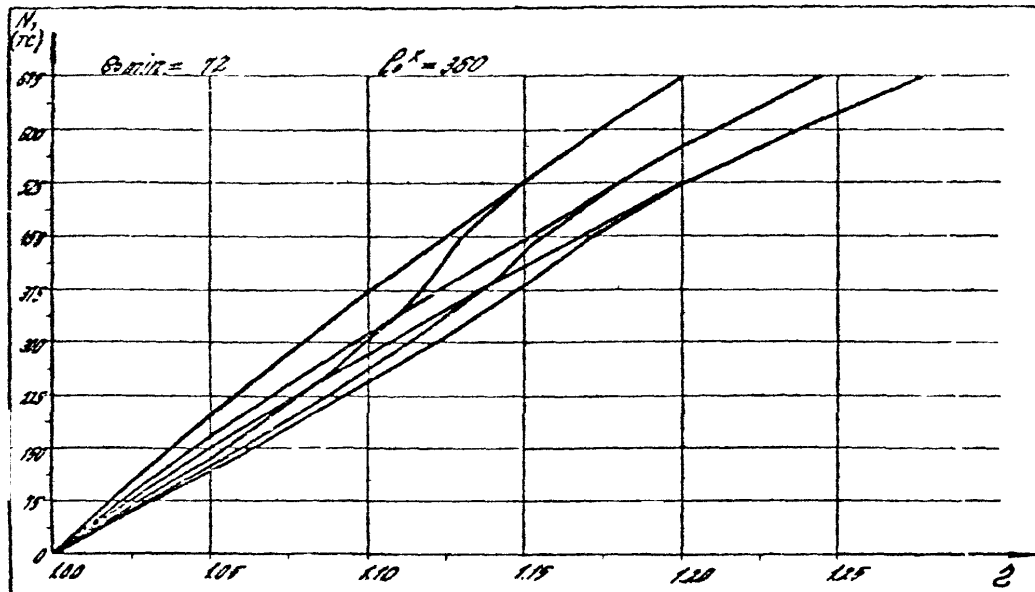


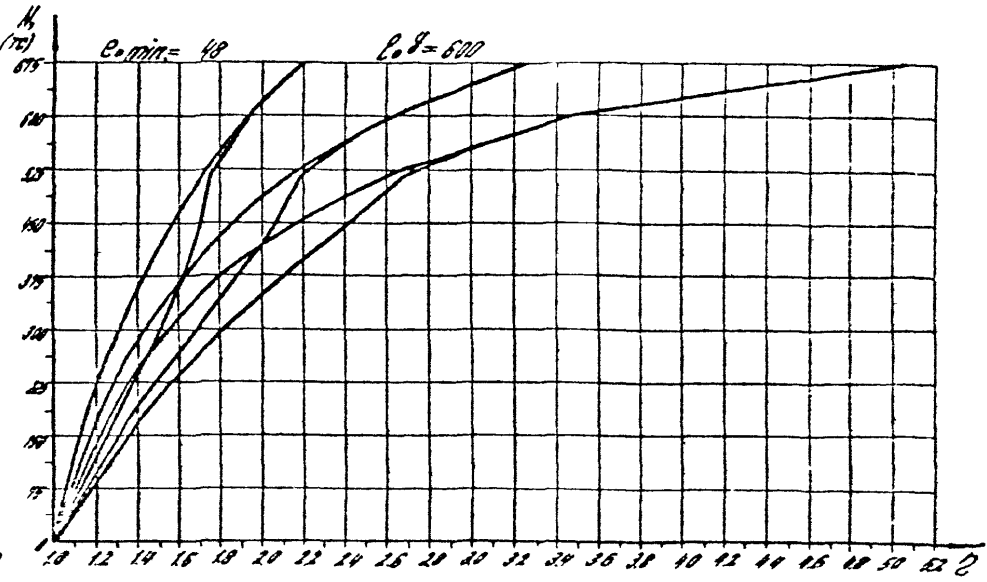
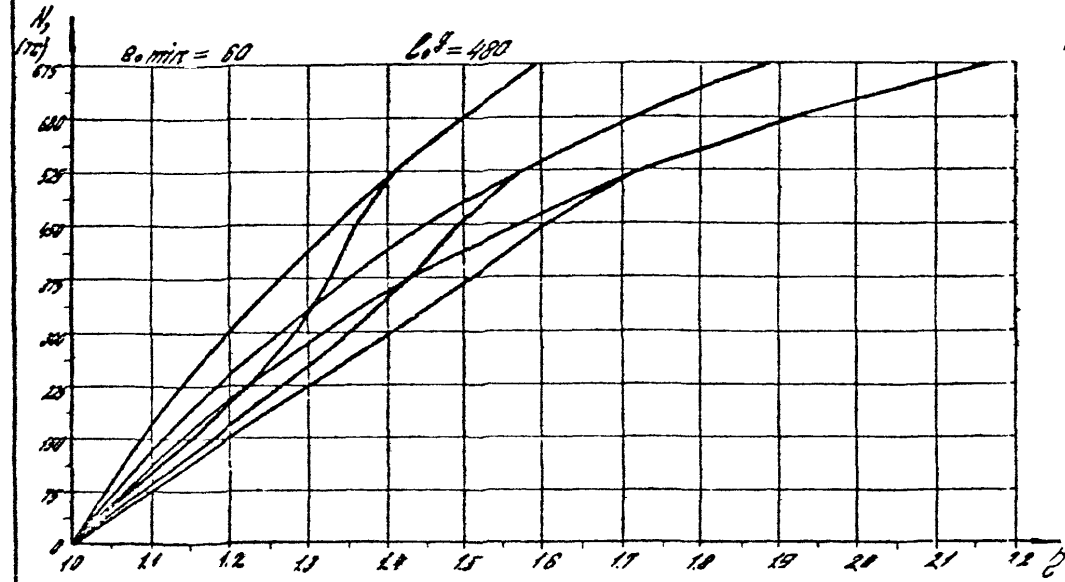
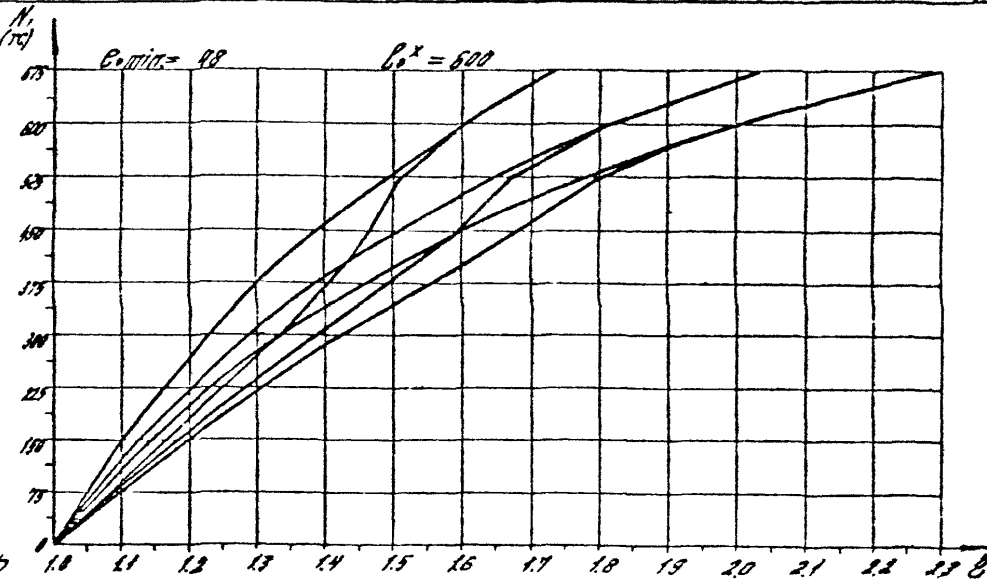
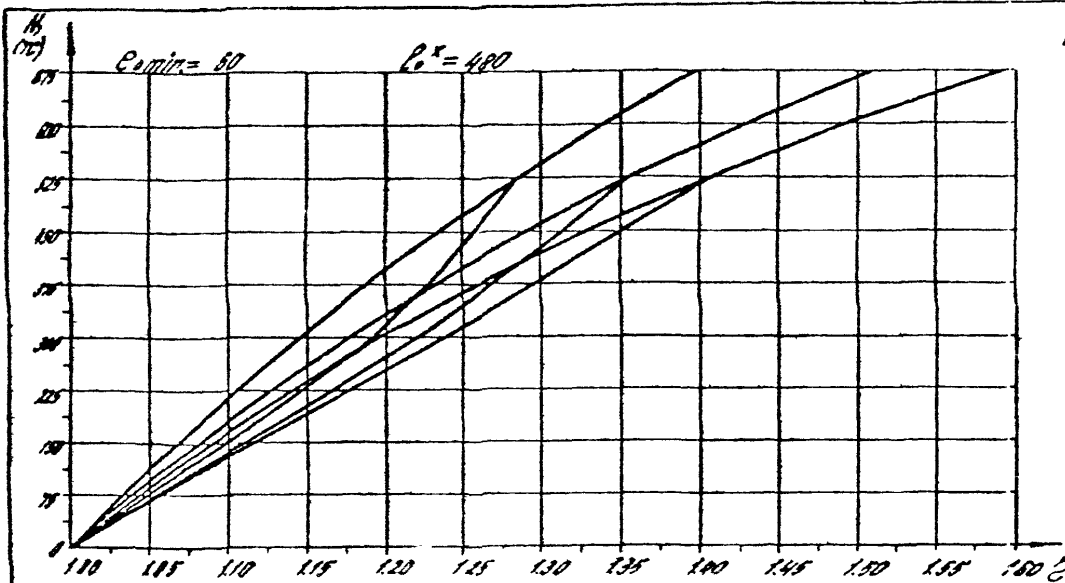


$R_b = 229.5 \text{ kN/cm}^2$  ( $R_b = 229.5 \text{ kN/cm}^2$ ,  $R_s = 44 \text{ kN/cm}^2$ ) ( $\rho_s = 0.3$ )

1020-1/87.0-6-3 113

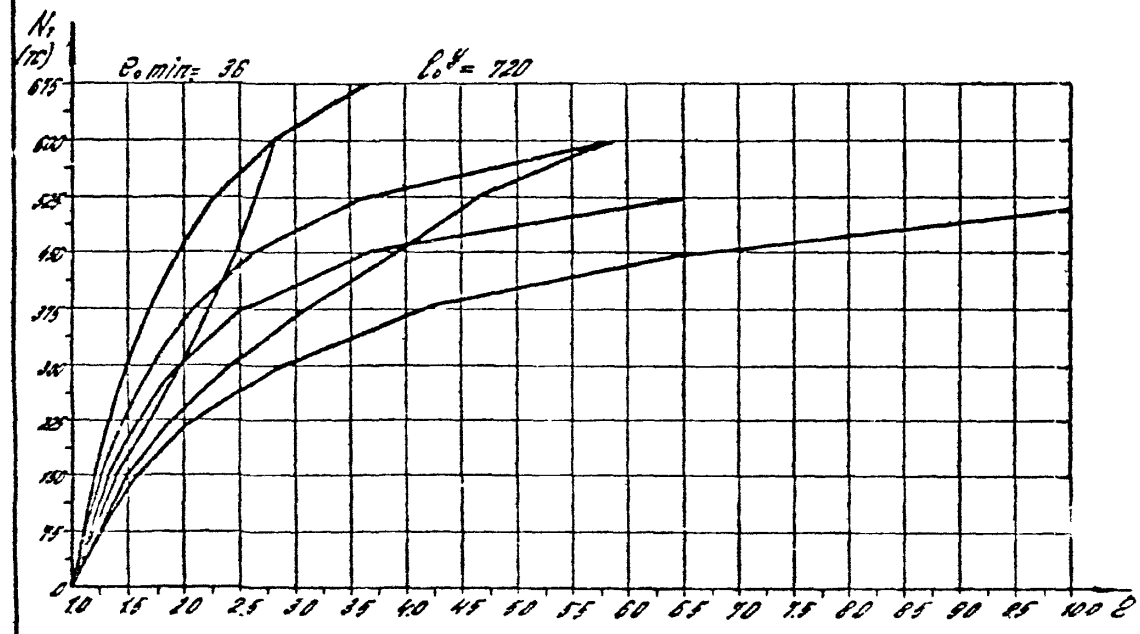
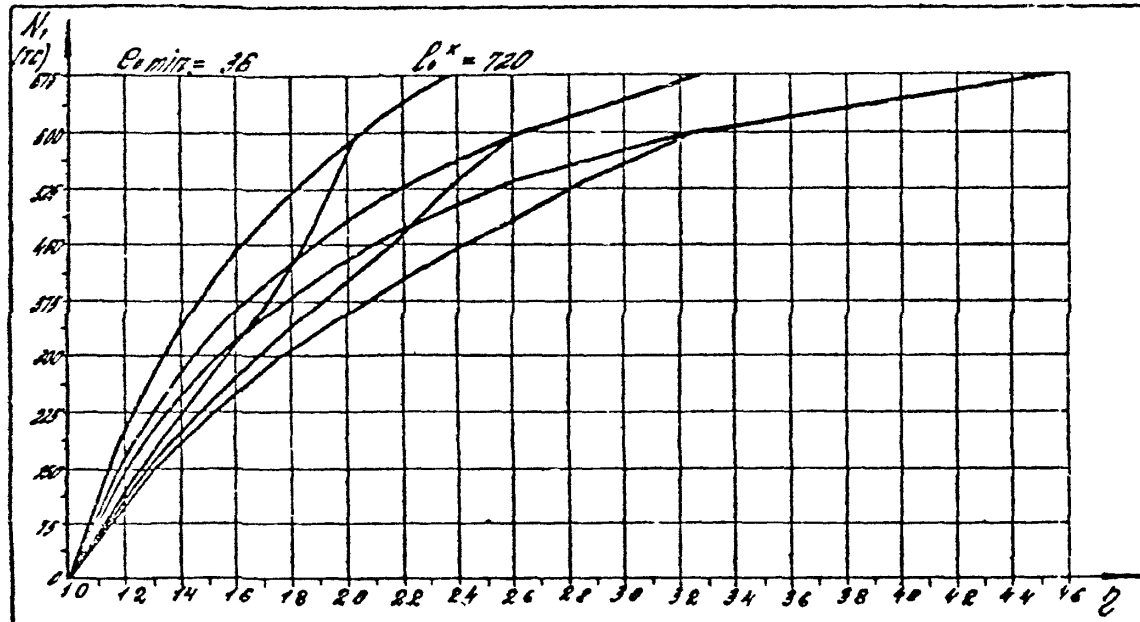
1020
235

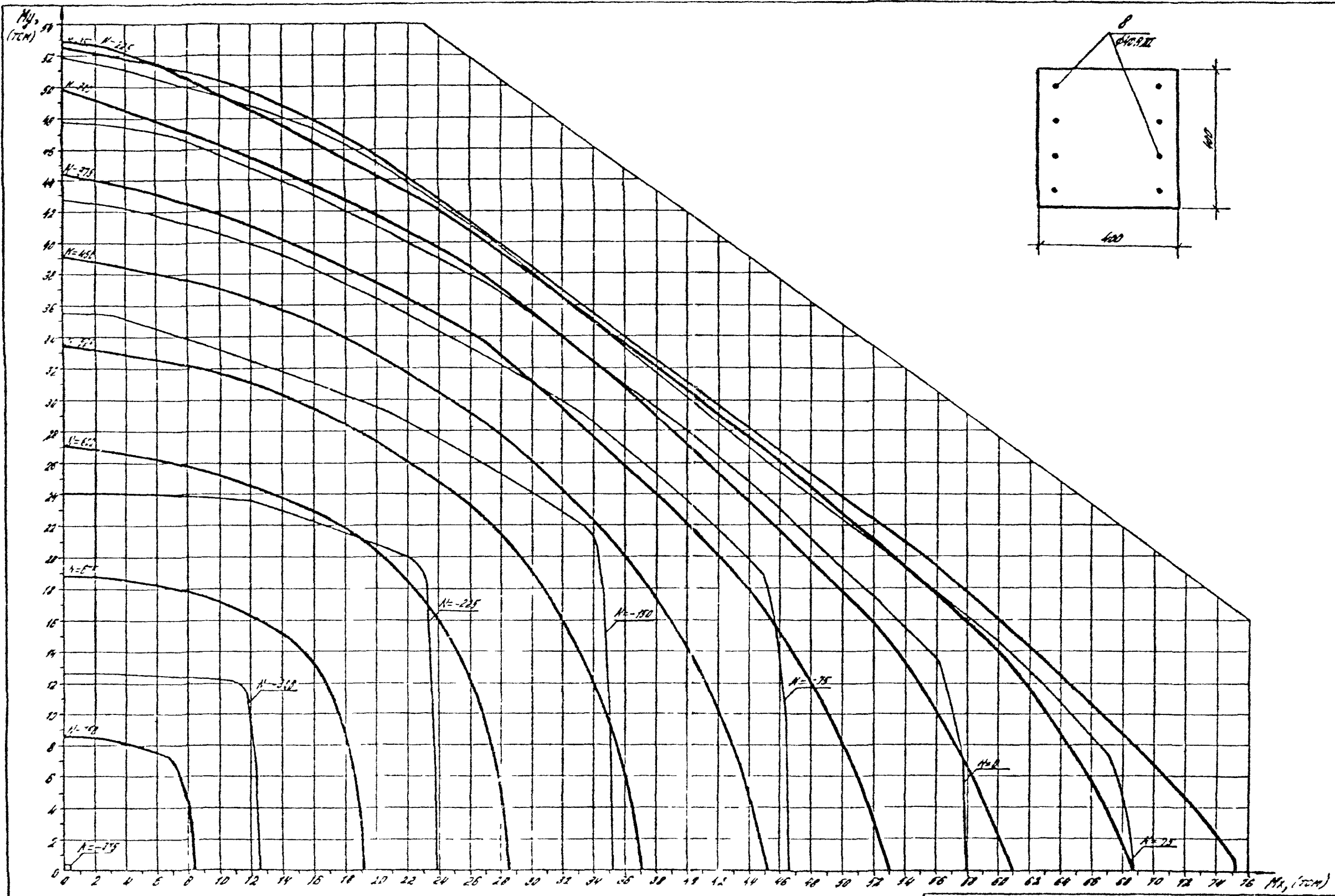




Bx. 32829 A. 245

1020-1/87 D-6-3 173	237
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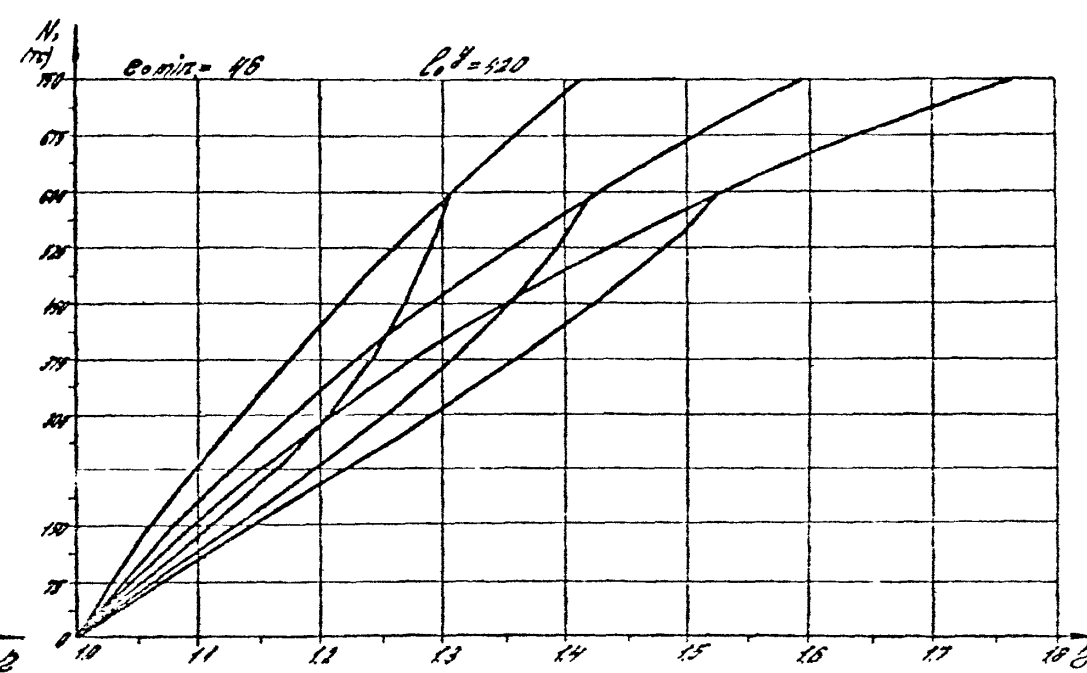
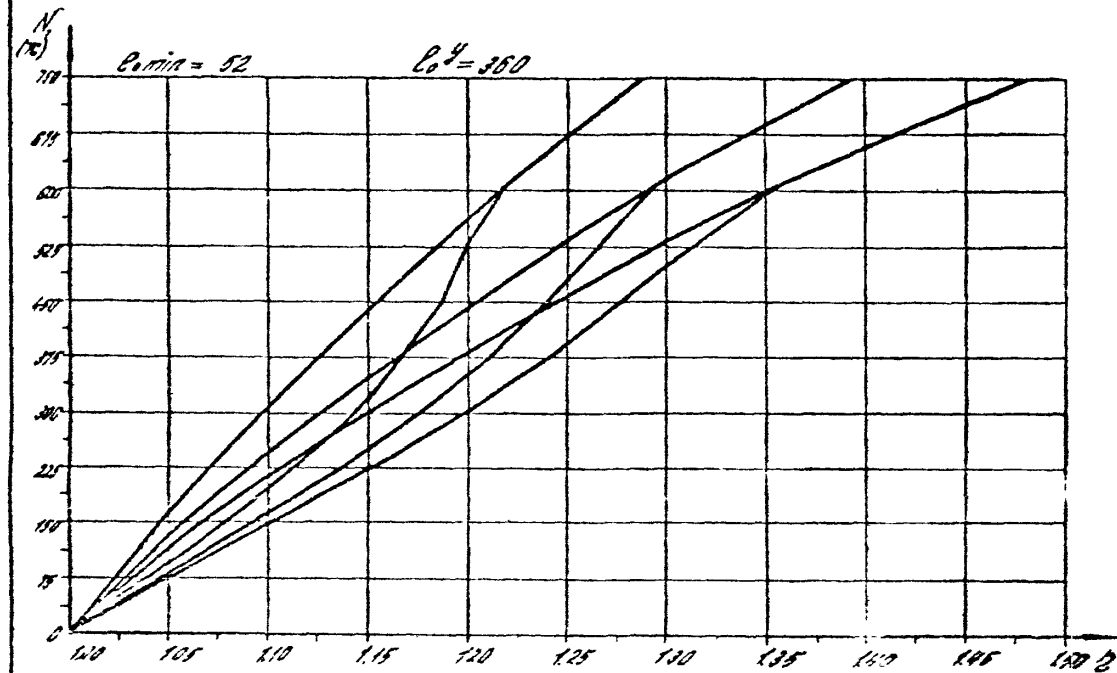
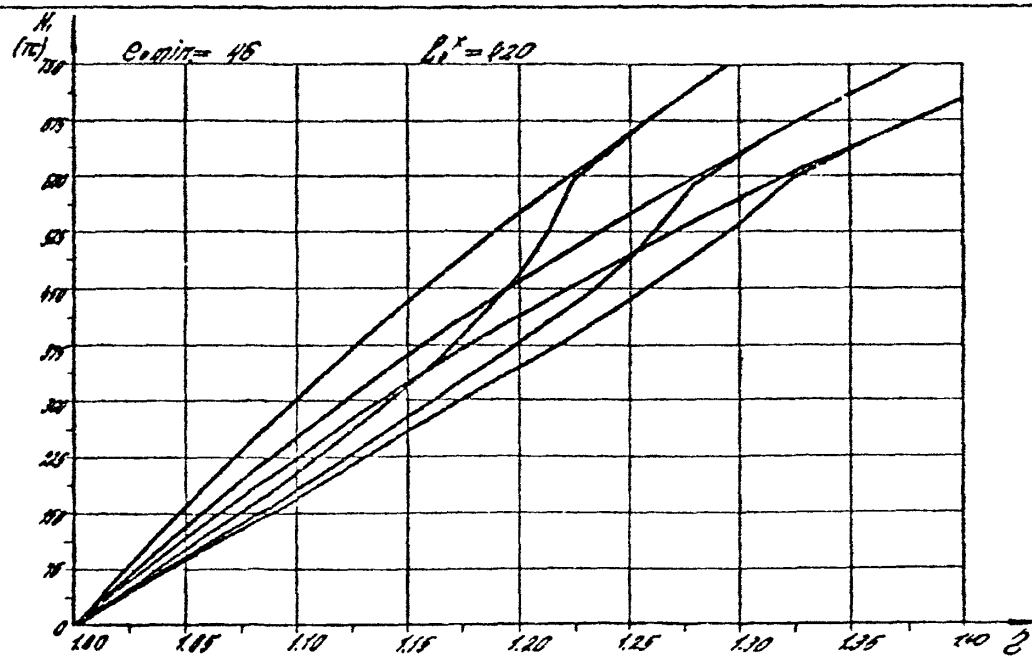
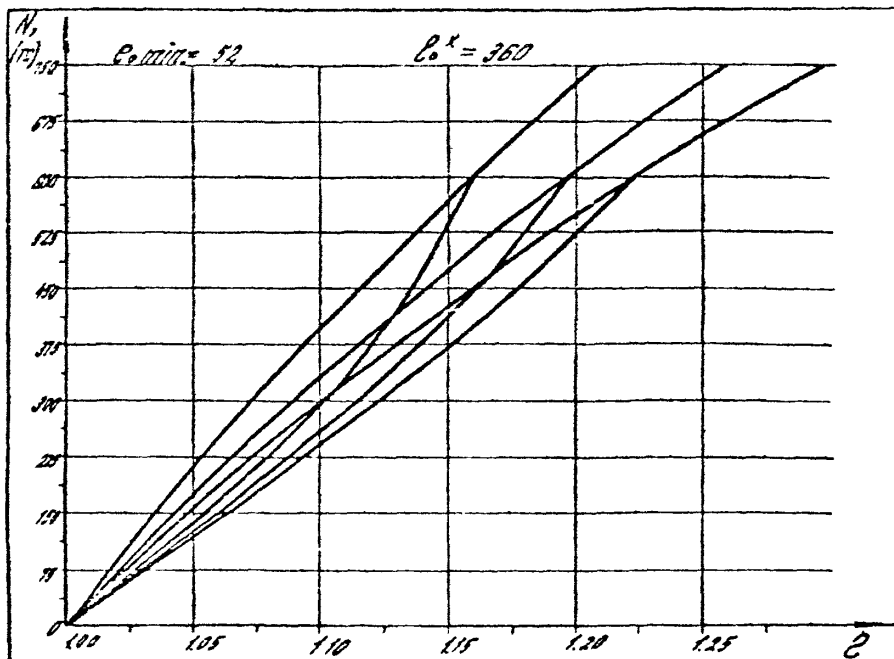


Класс бетона B45 ( $R_b = 280.5 \text{ MPa}$ ;  $\sigma_{yk} = 170.4 \text{ MPa}$ ;  $\gamma_c = 1.10$ )

1020-1/87.0-6-3 113

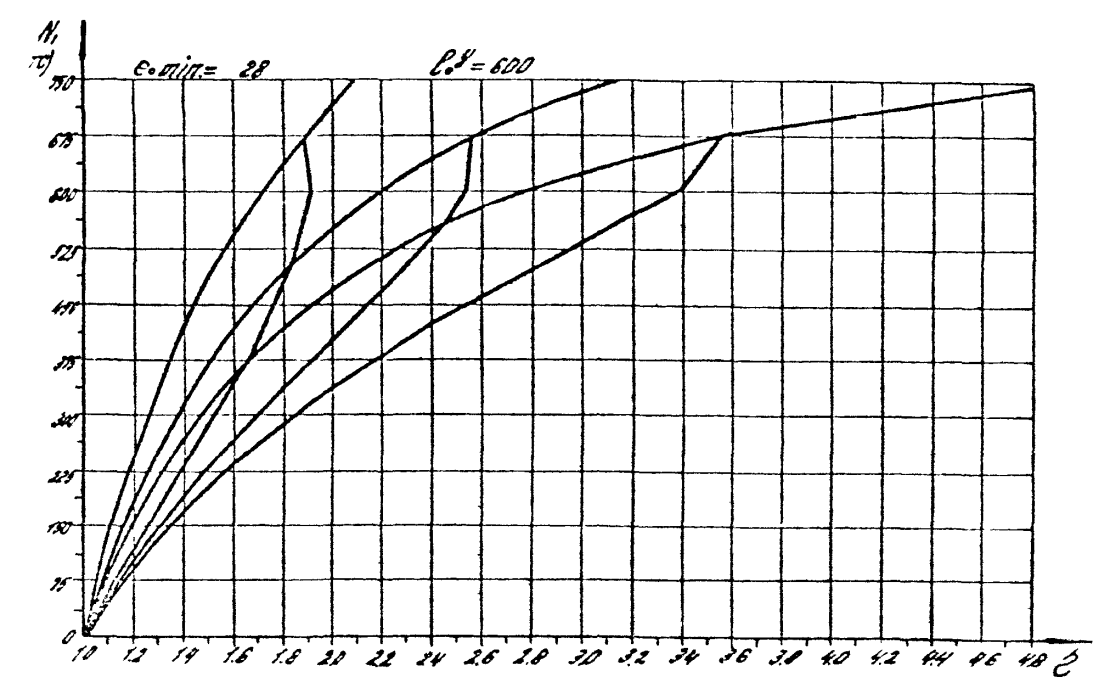
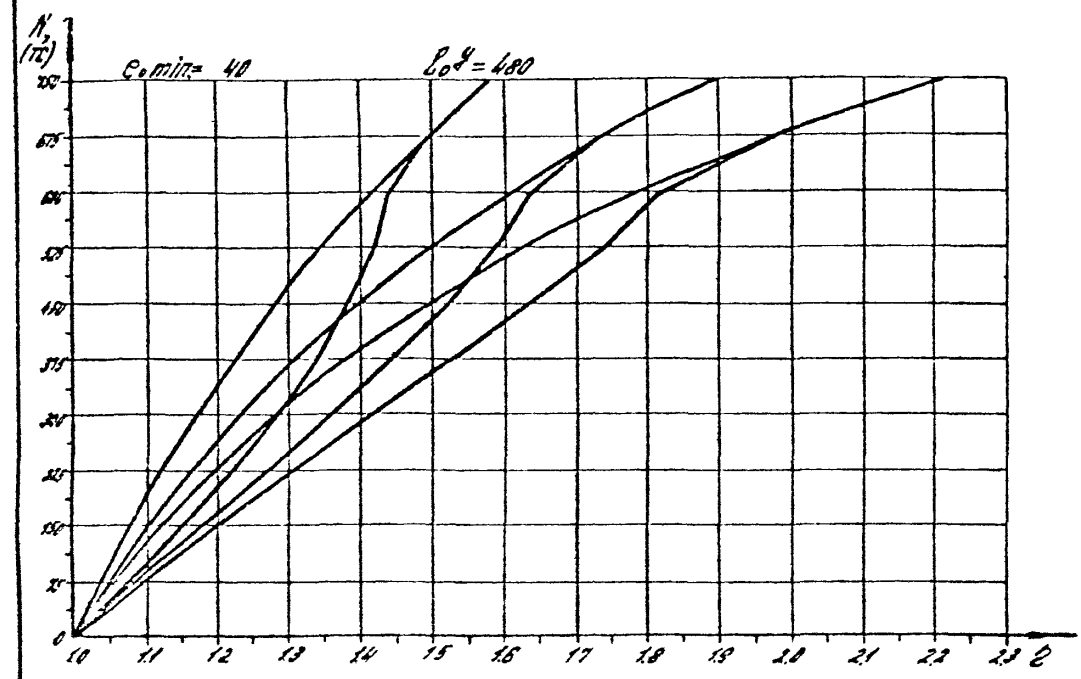
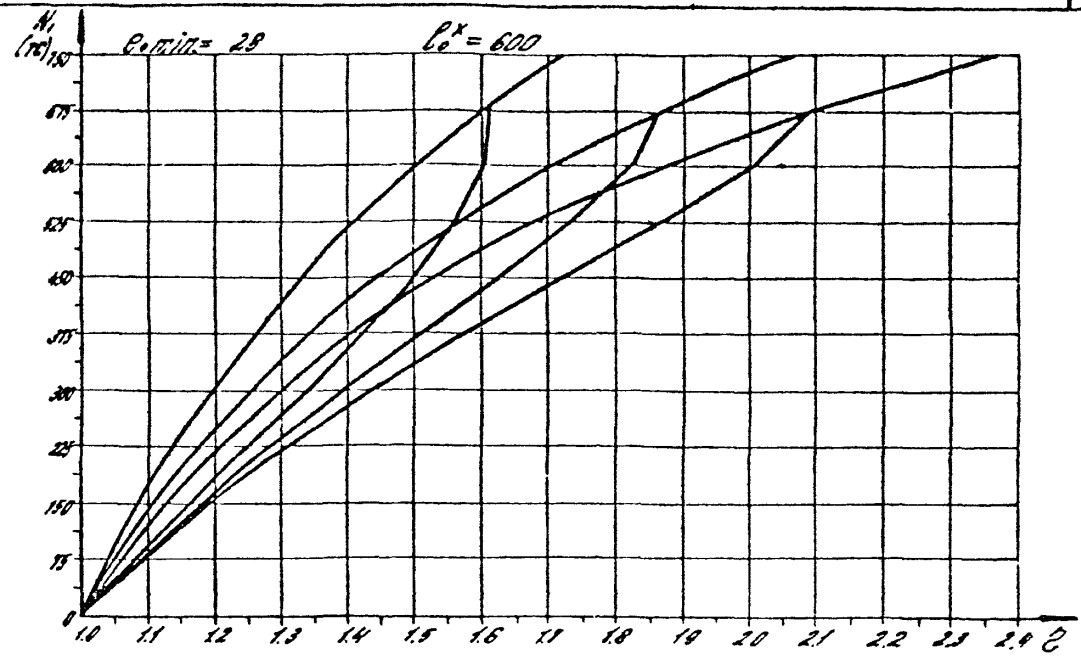
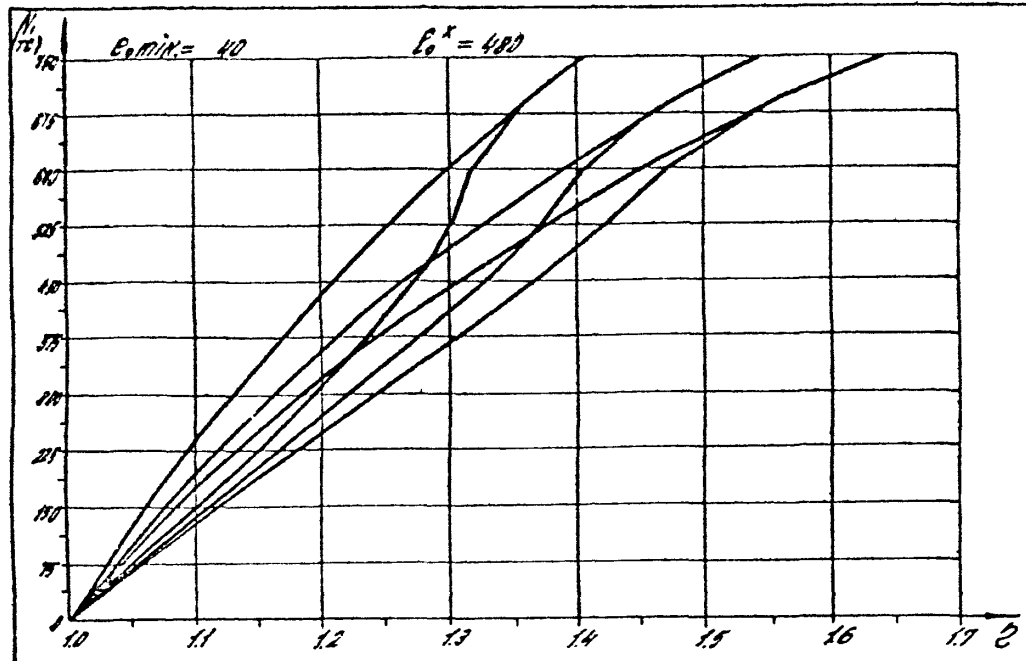
№пр.
239

Bx.32823 A.244



Bx 32829 248

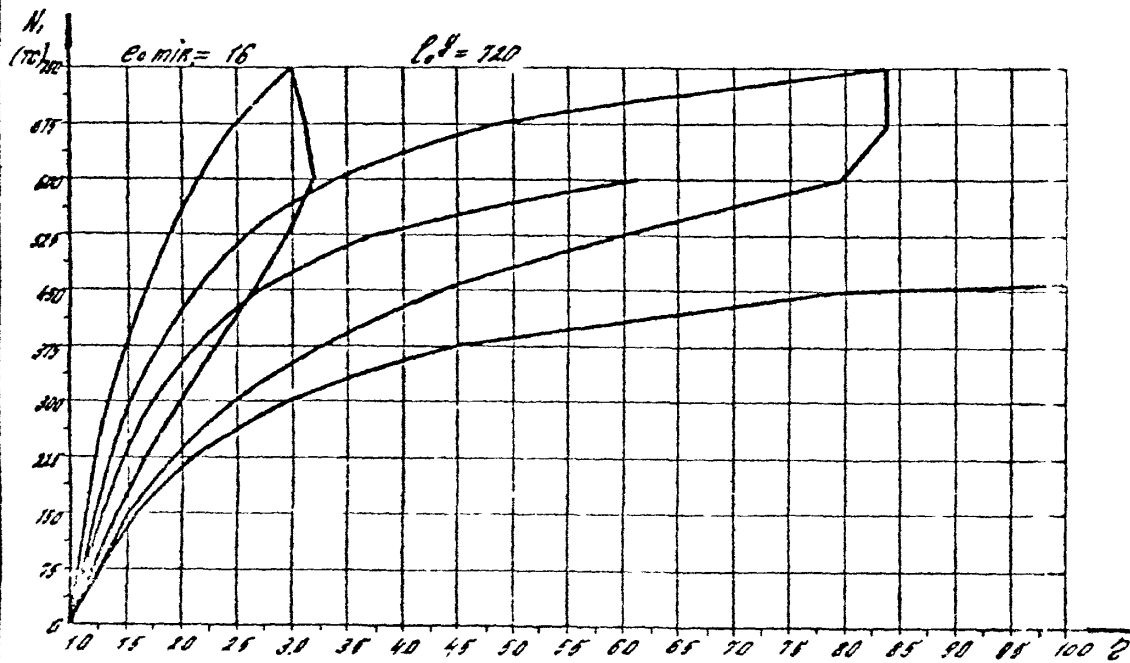
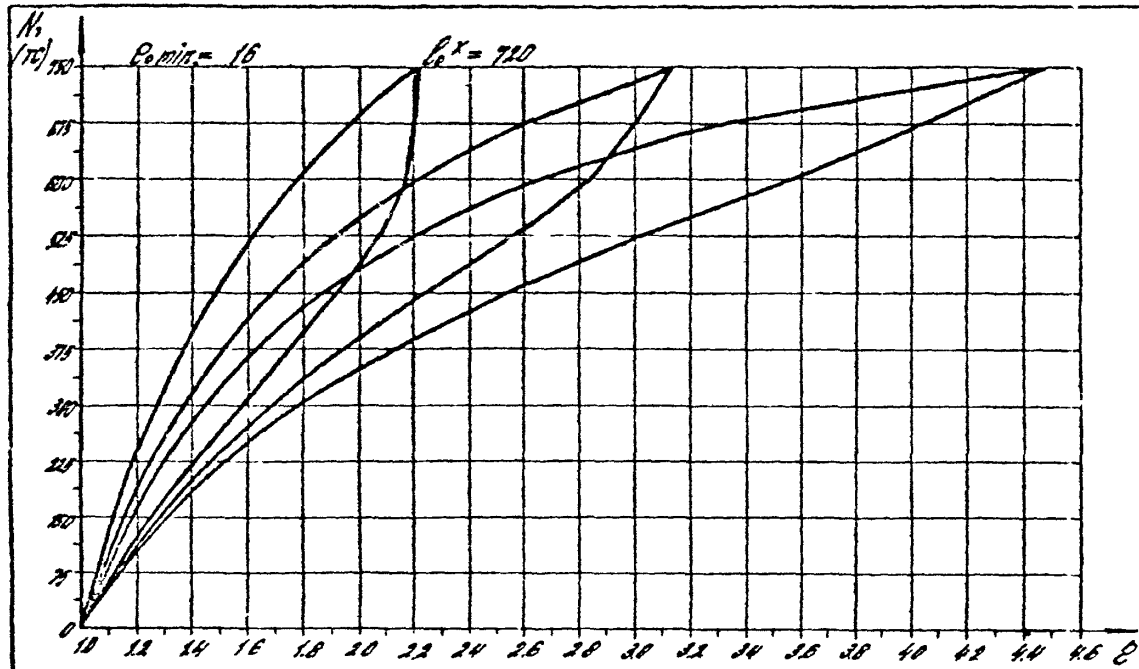
1020-1/87.0-6 - 3 173	Acc 240
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Bx. 32829 A.249

1020-1/87.0-6-3 173

241



Bx. 32829 A. 250/250

1020-1/87. 0-6- 3 173

ACT  
242