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

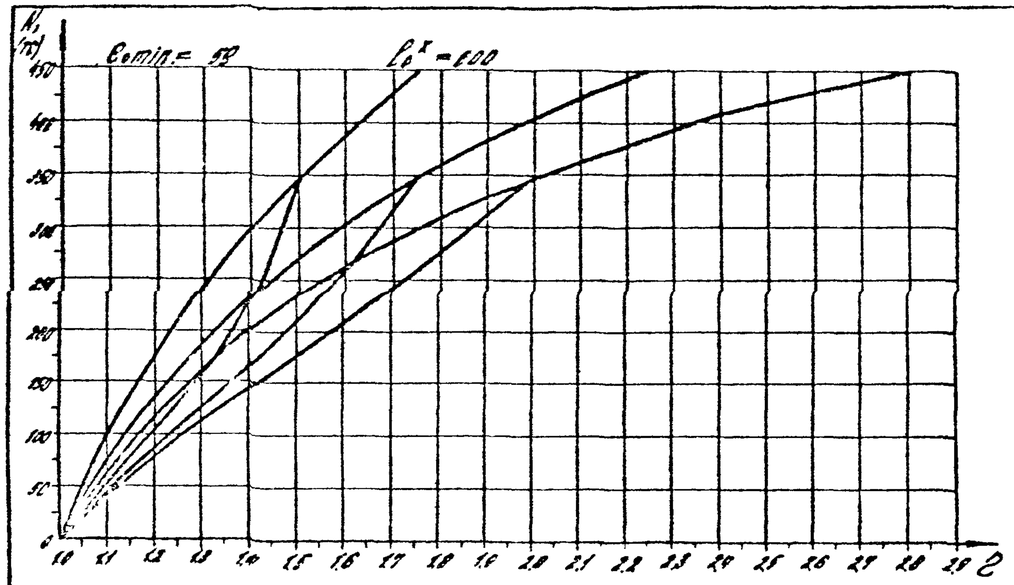
ГРАФИКИ НЕСУЩИХ СПОСОБНОСТЕЙ КОЛОНН
ДЛЯ ЗДАНИЙ С ВЫСОТАМИ ЭТАЖЕЙ
4,8; 6,0 И 7,2 М

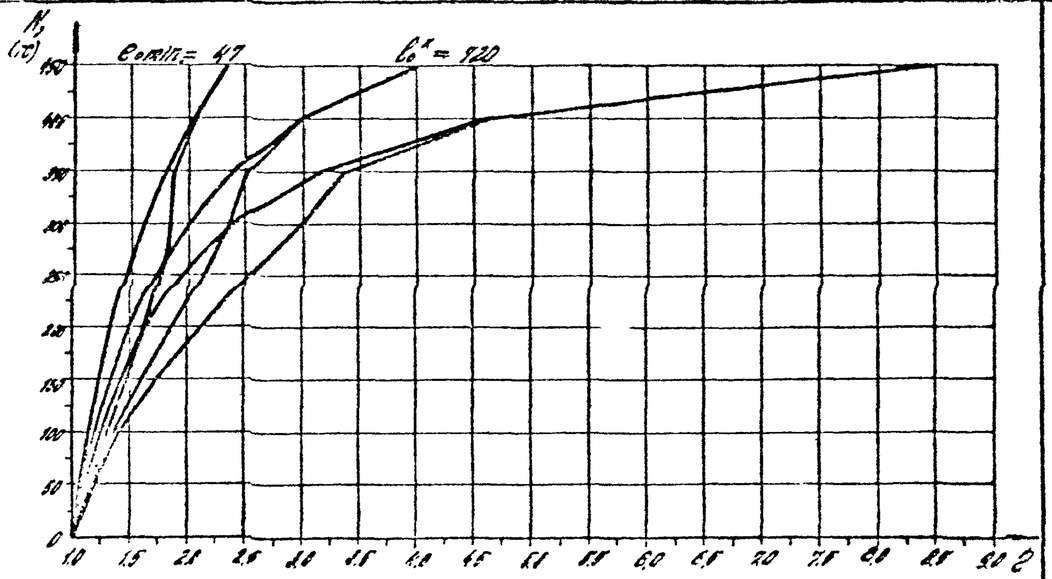
ЧАСТЬ 3

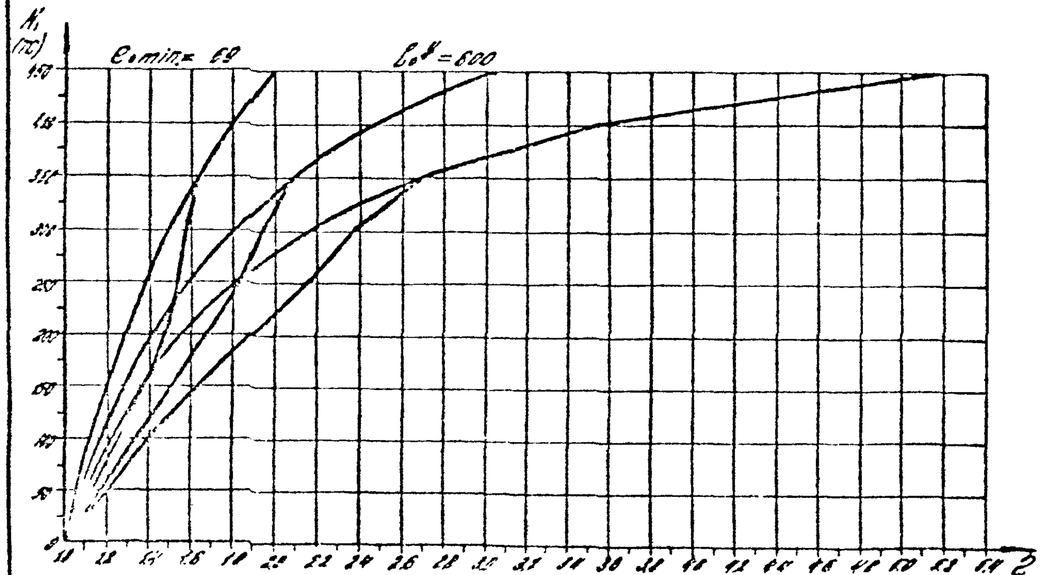
(стр. 201...247)

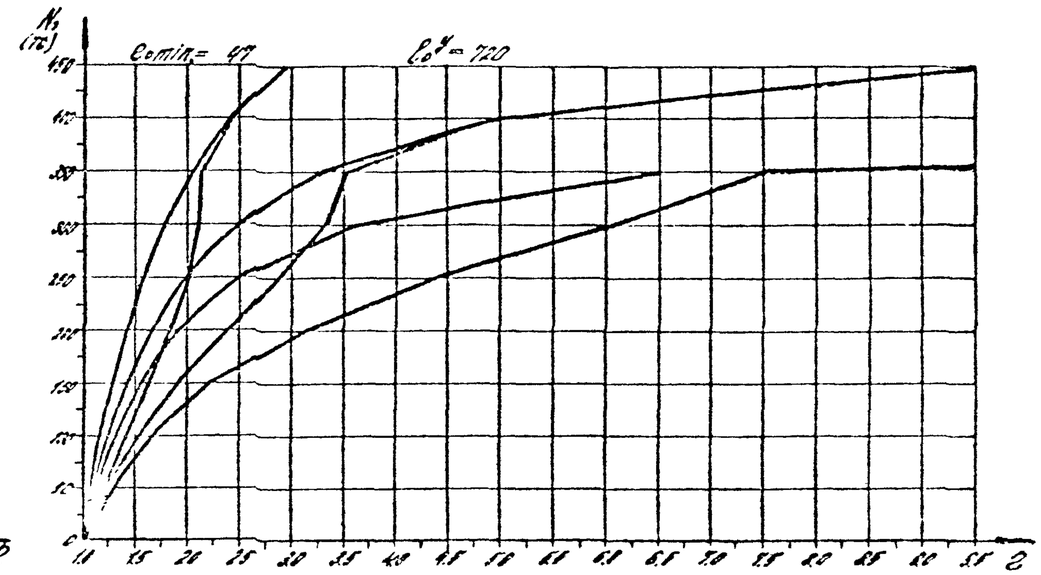
24788-3

Вх. 32829 л.203

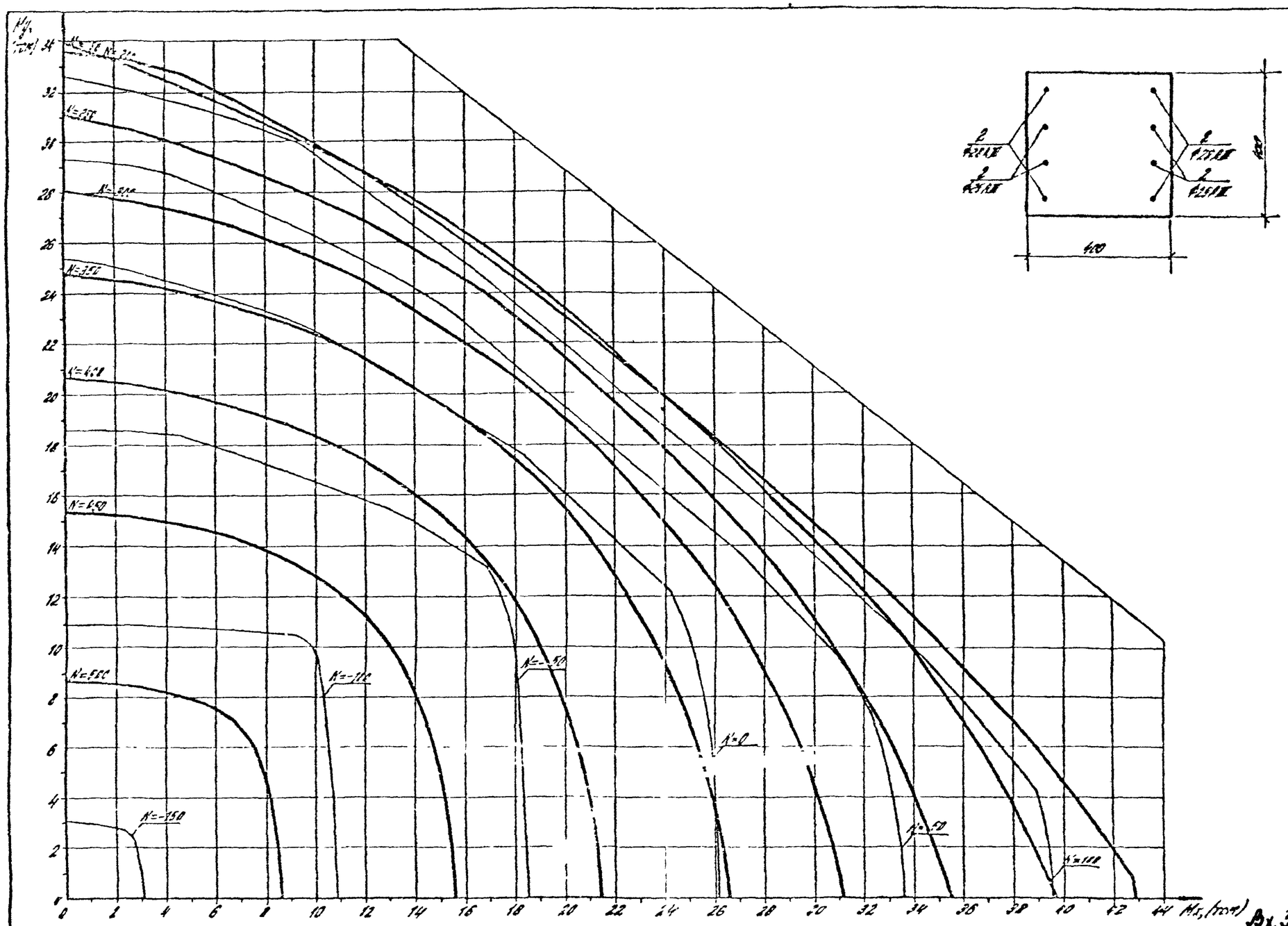






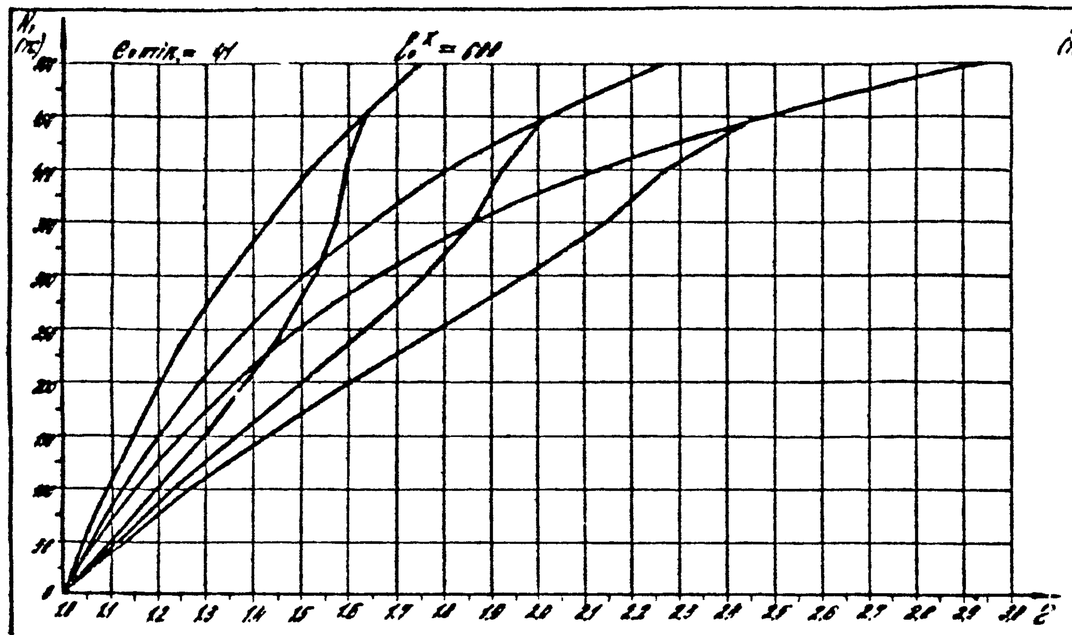


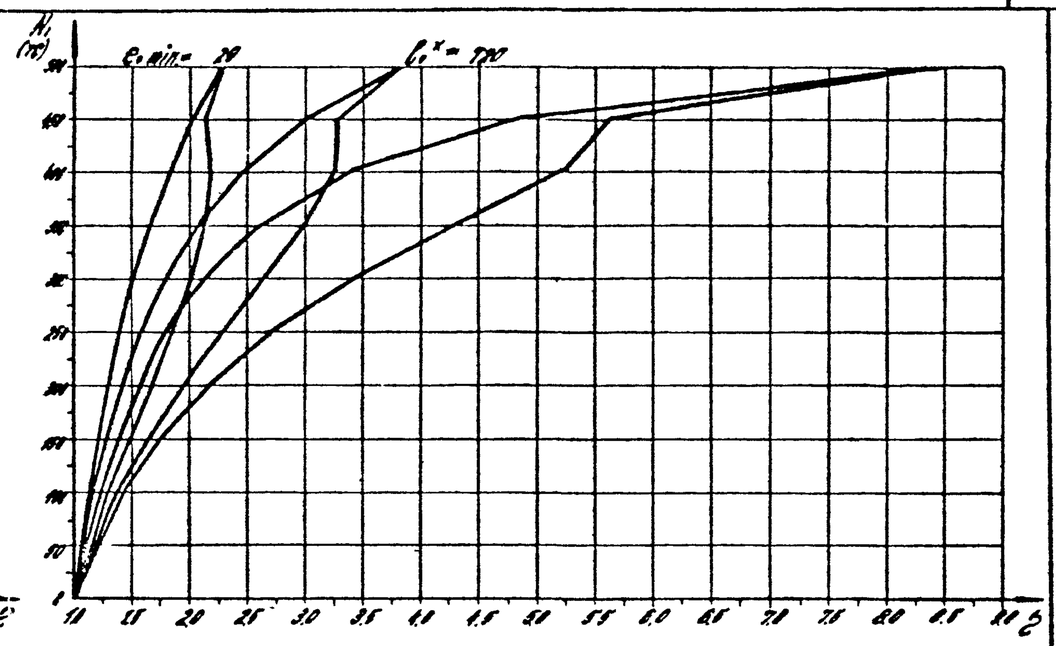
Вх. 3282.9 л.204

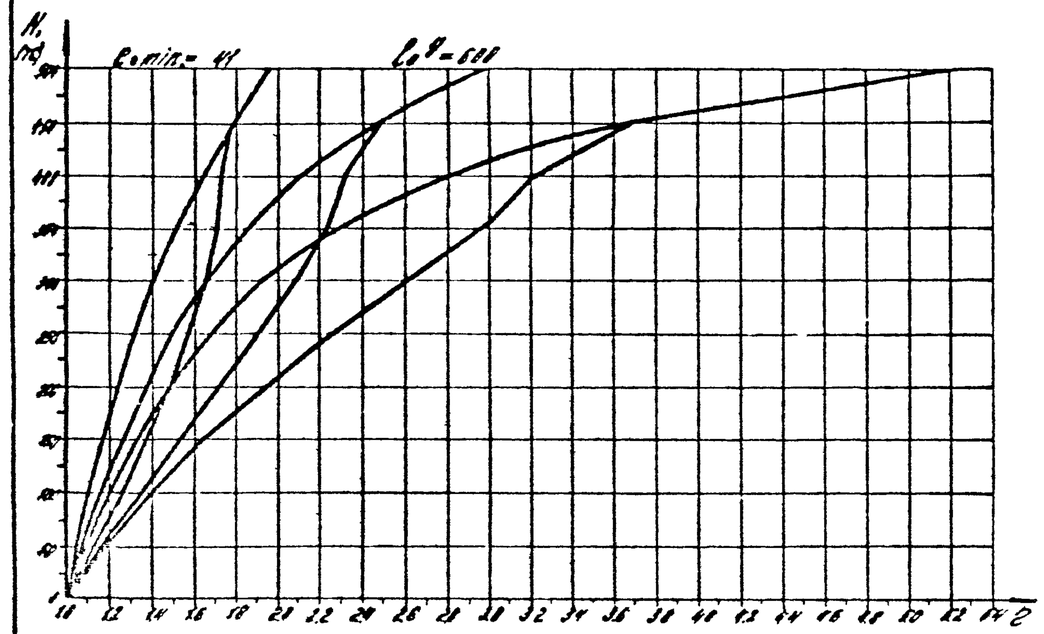


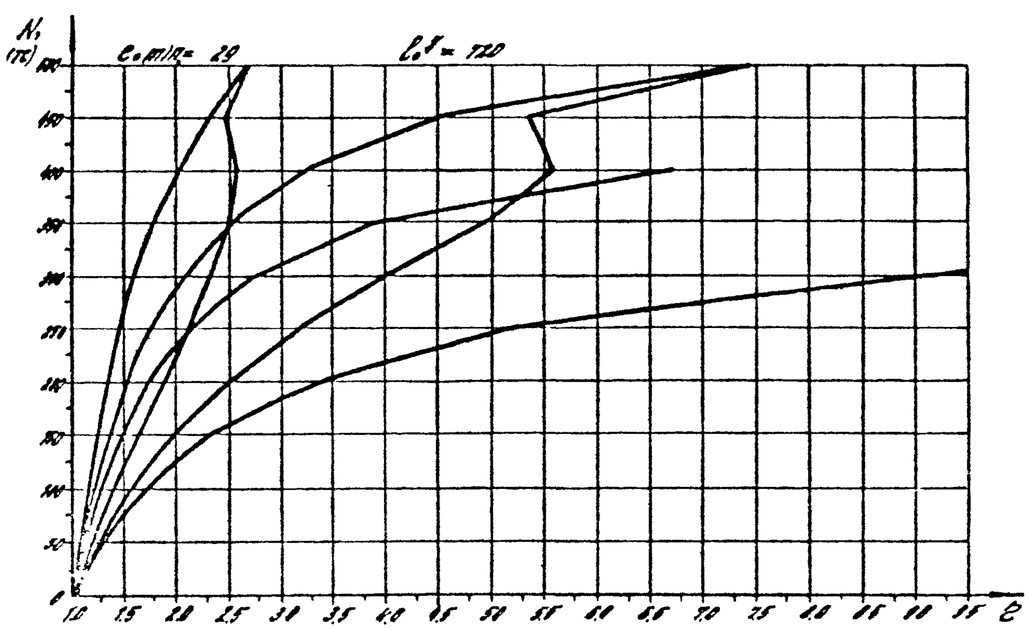
Вх. 32829 л.204

Класс бетона В40 ($R_б$ = 246.4 кгс/см² при γ_{b2} = 1.10)

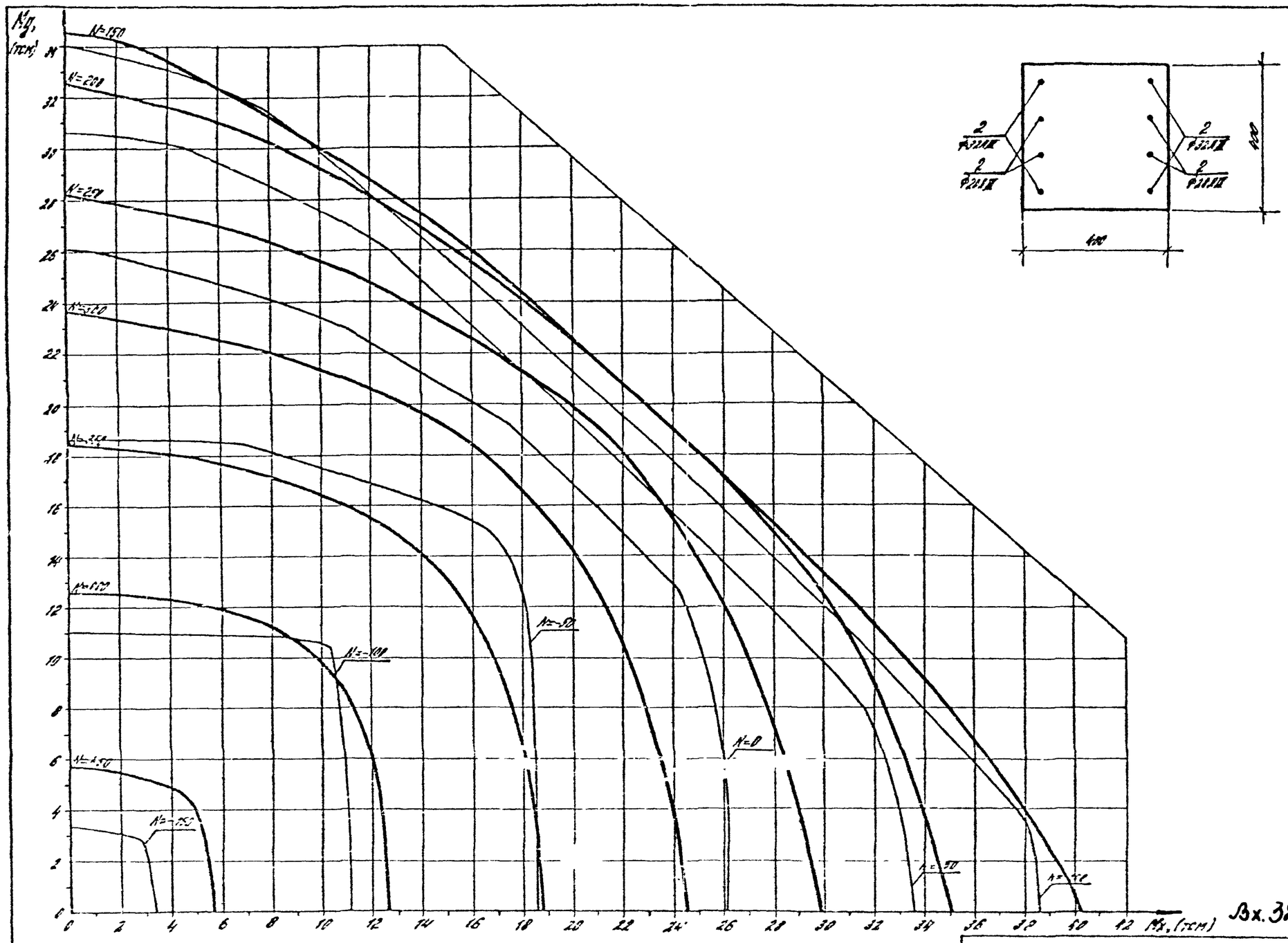








Вх. 32829 л. 206



Вх. 32829 л. 207

Класс бетона В40 (R_b = 200 в кгс/см² при учете γ_{b2} = 0,9)

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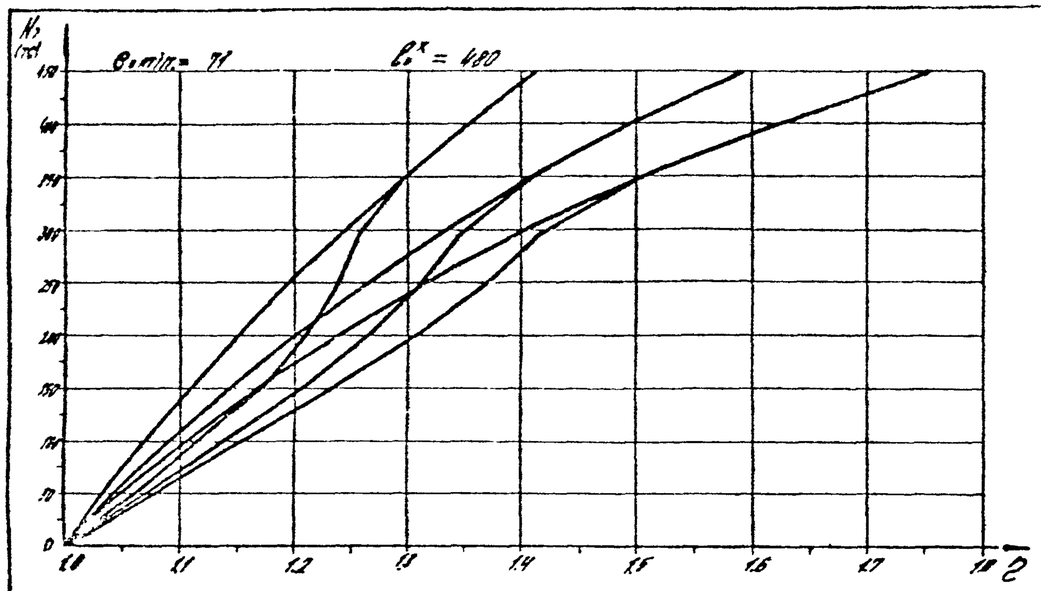
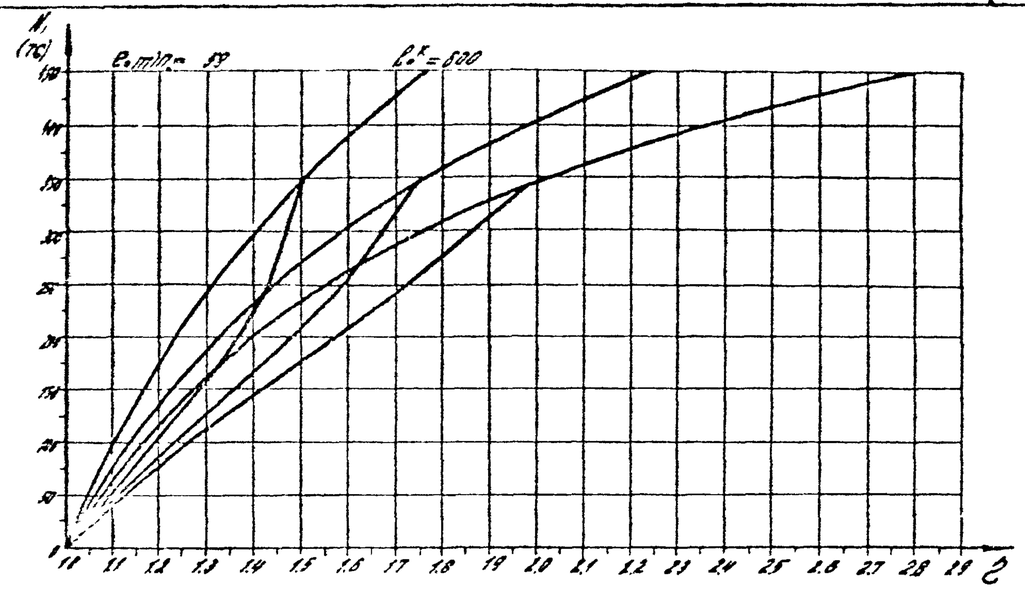
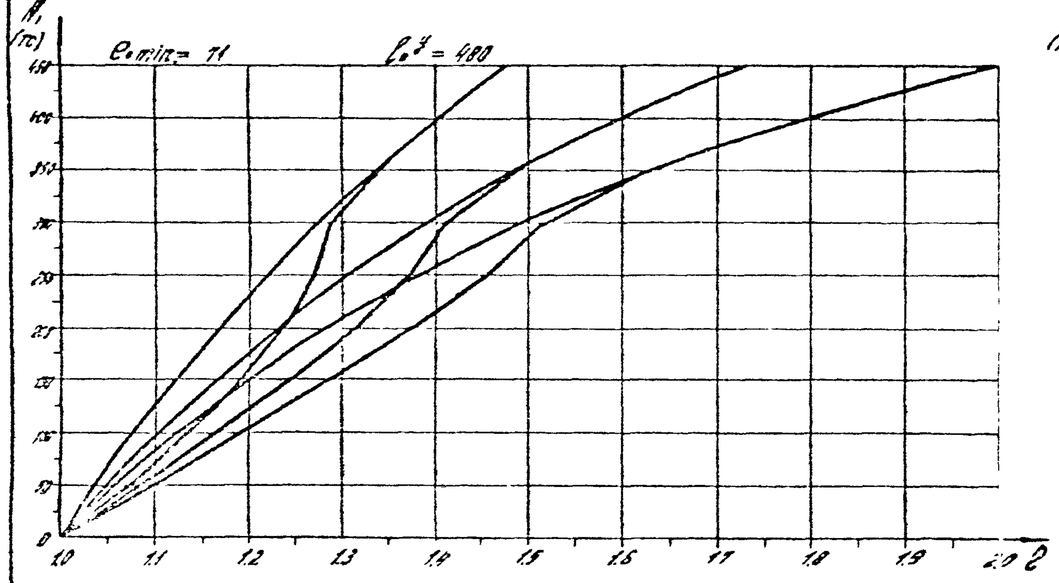
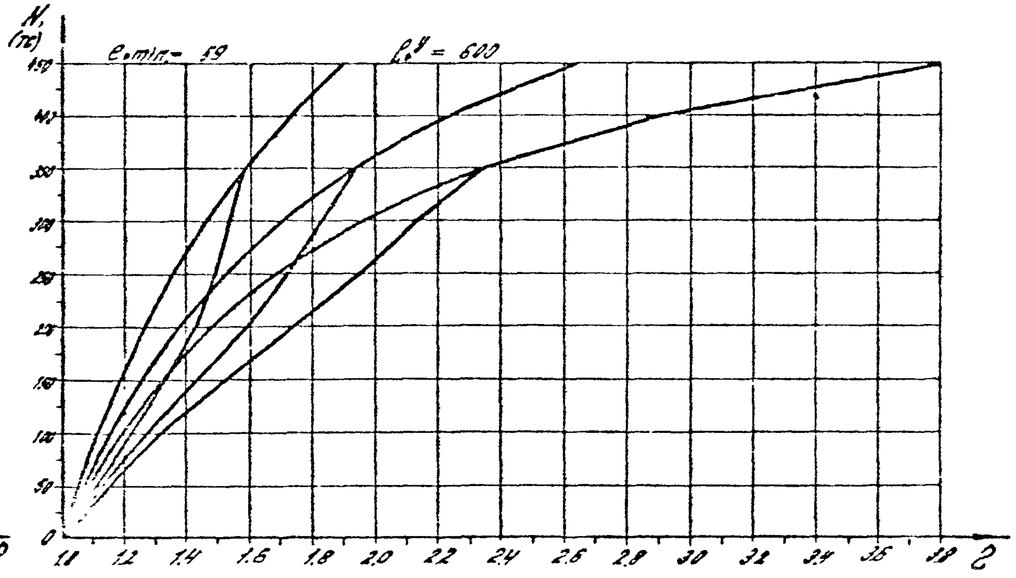
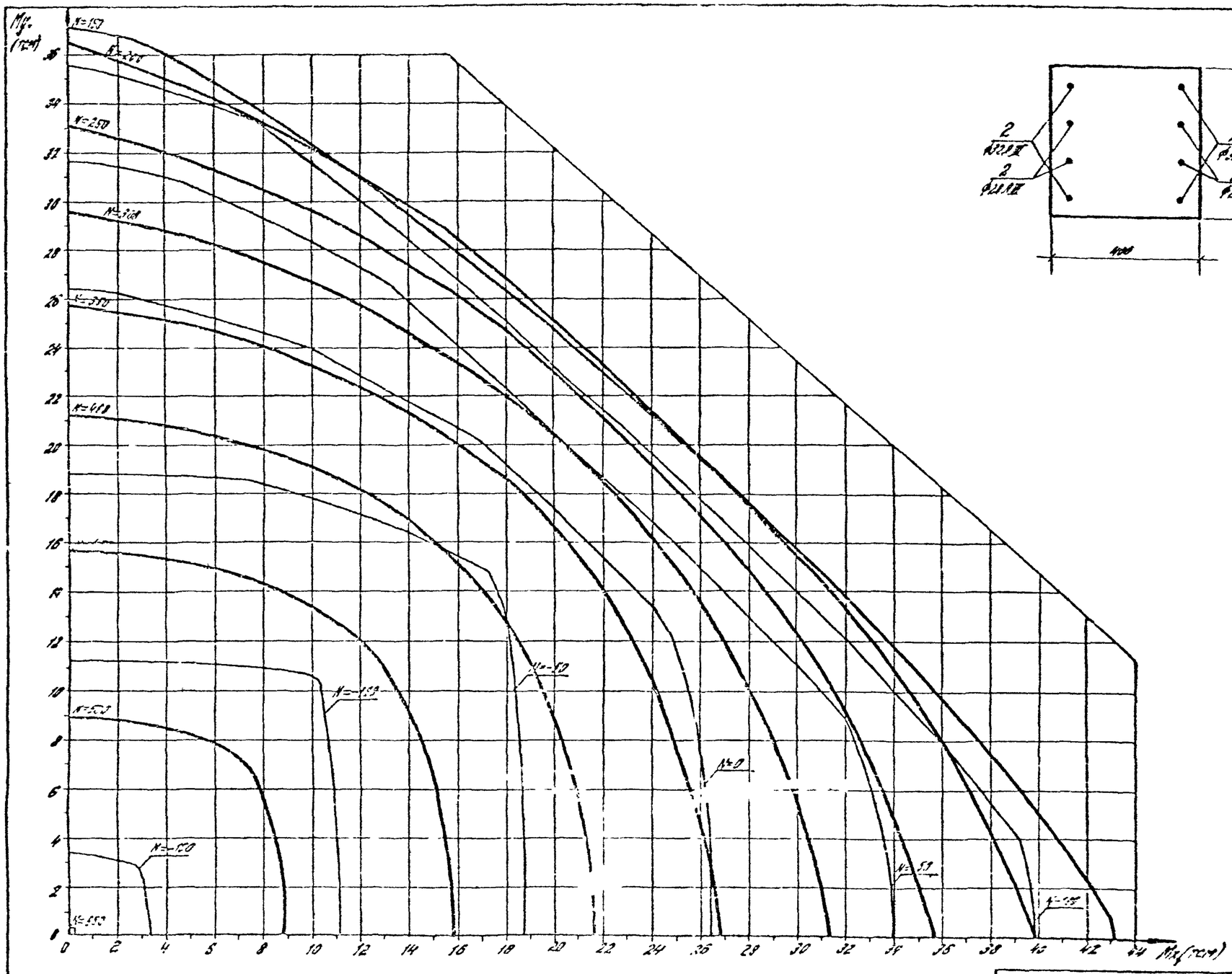


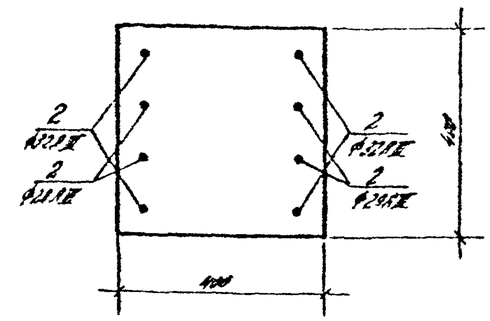






Вх. 32829 л.208





Класс бетона В40 (R_b = 246 кгс/см² при γ_{b2} = 1.10)

Вх.32829 л.209

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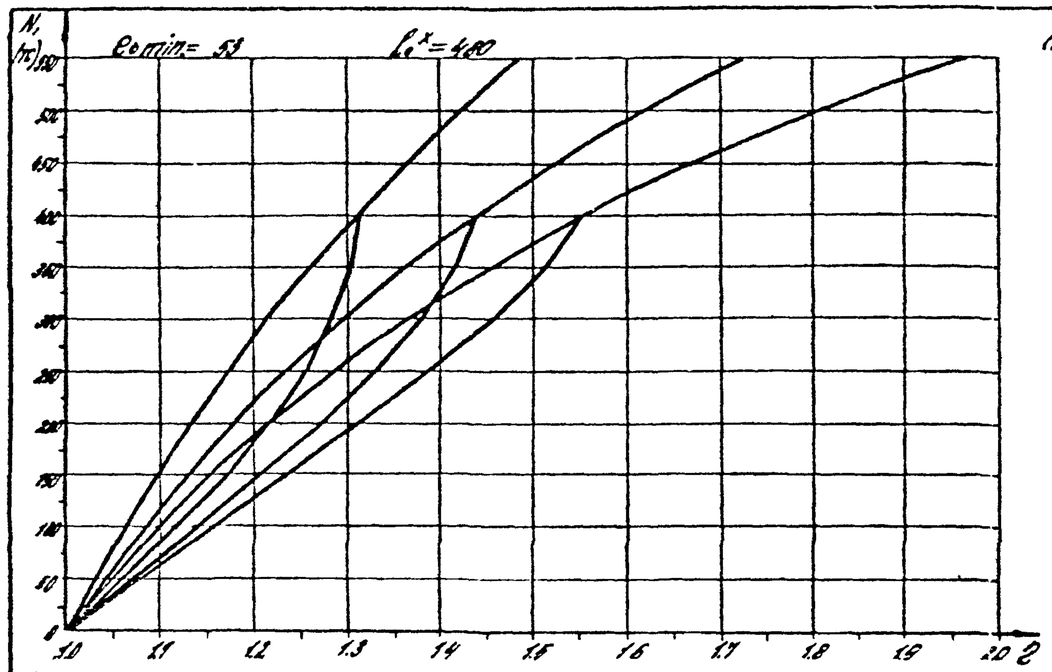
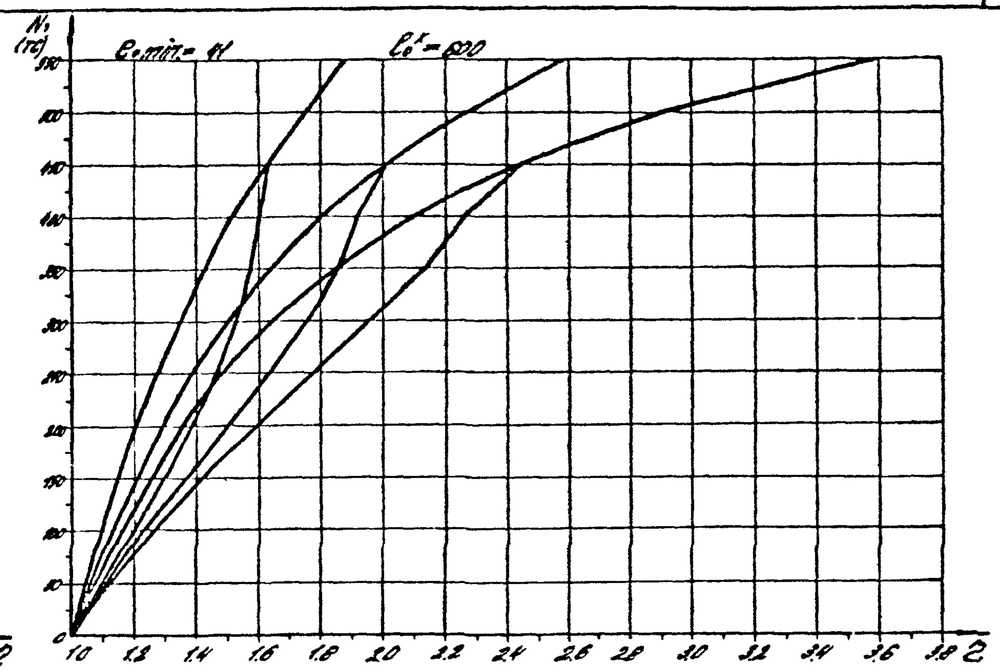
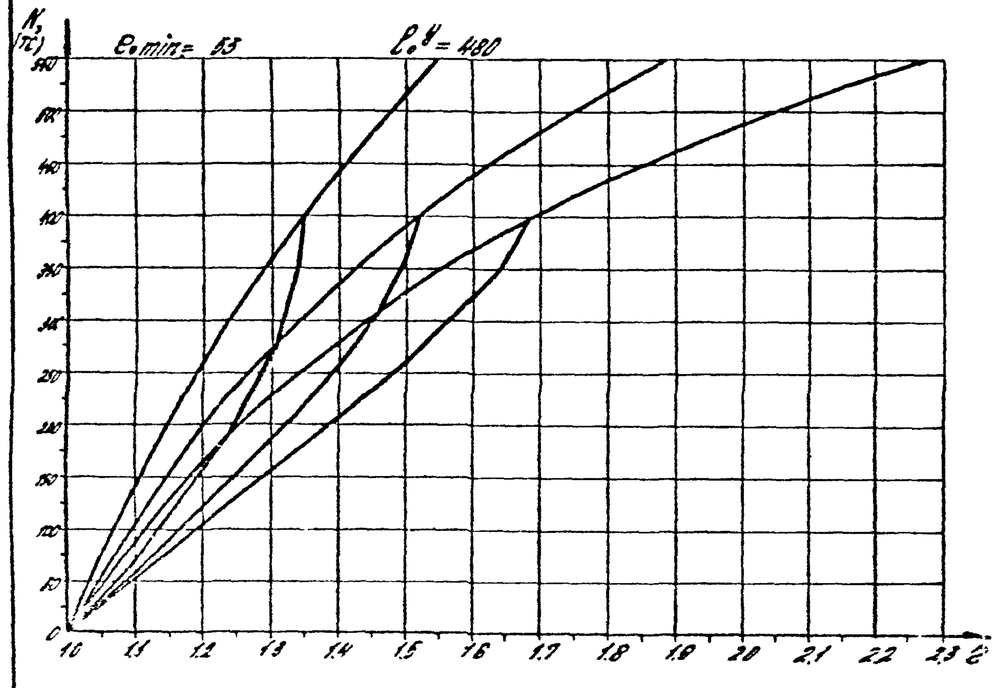
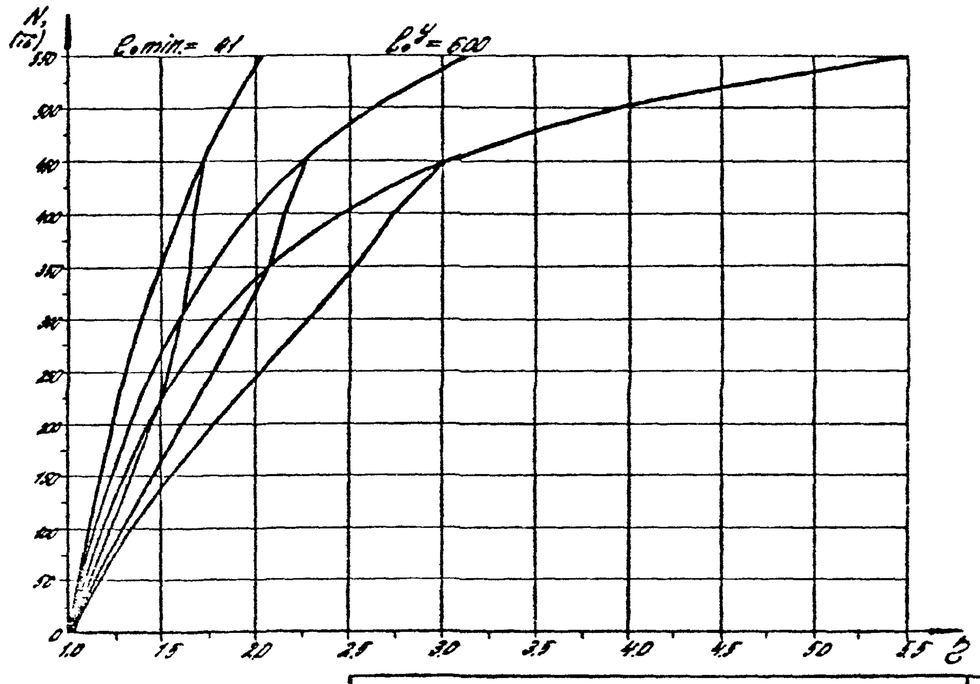
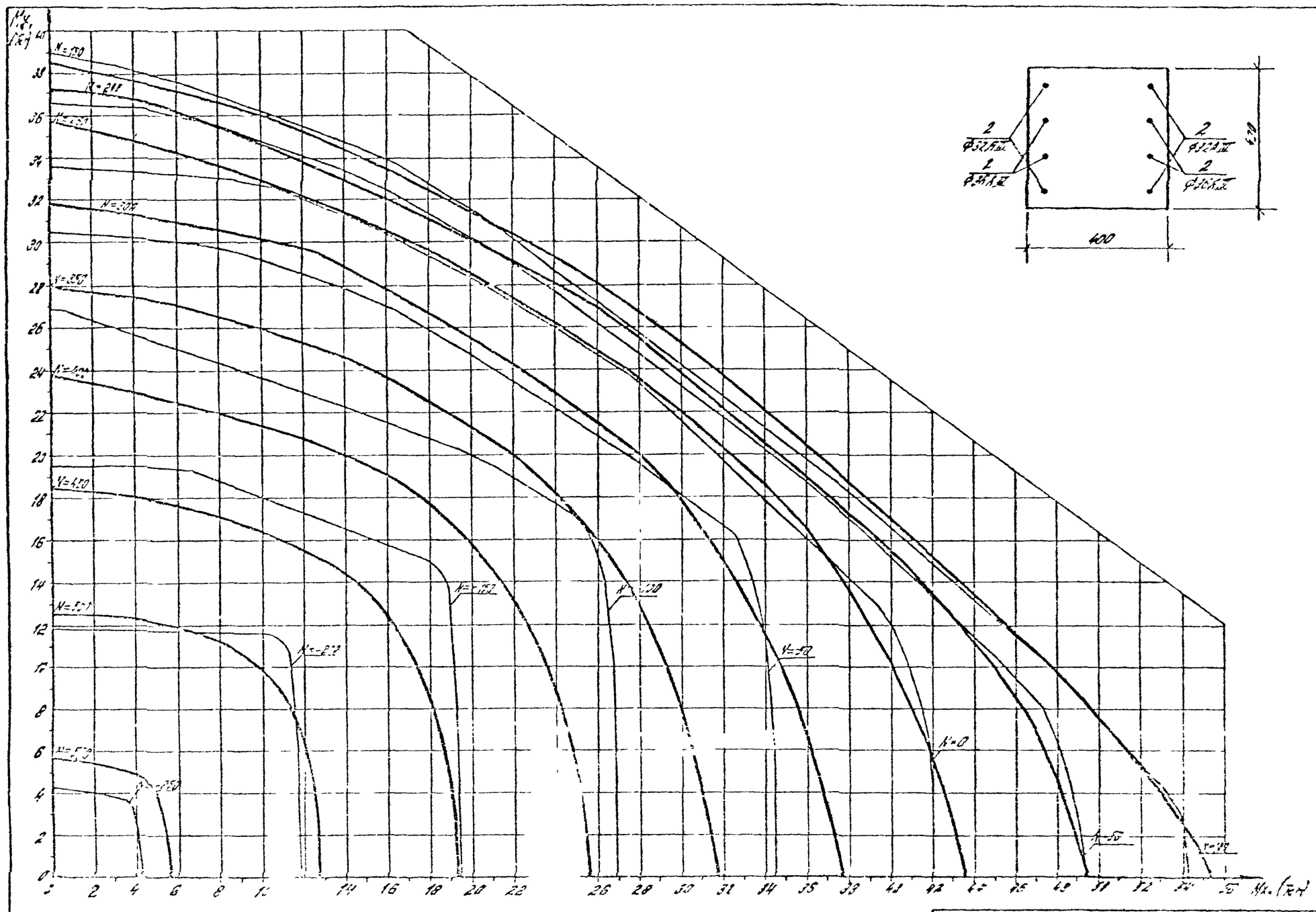








Вх. 32829 л.210



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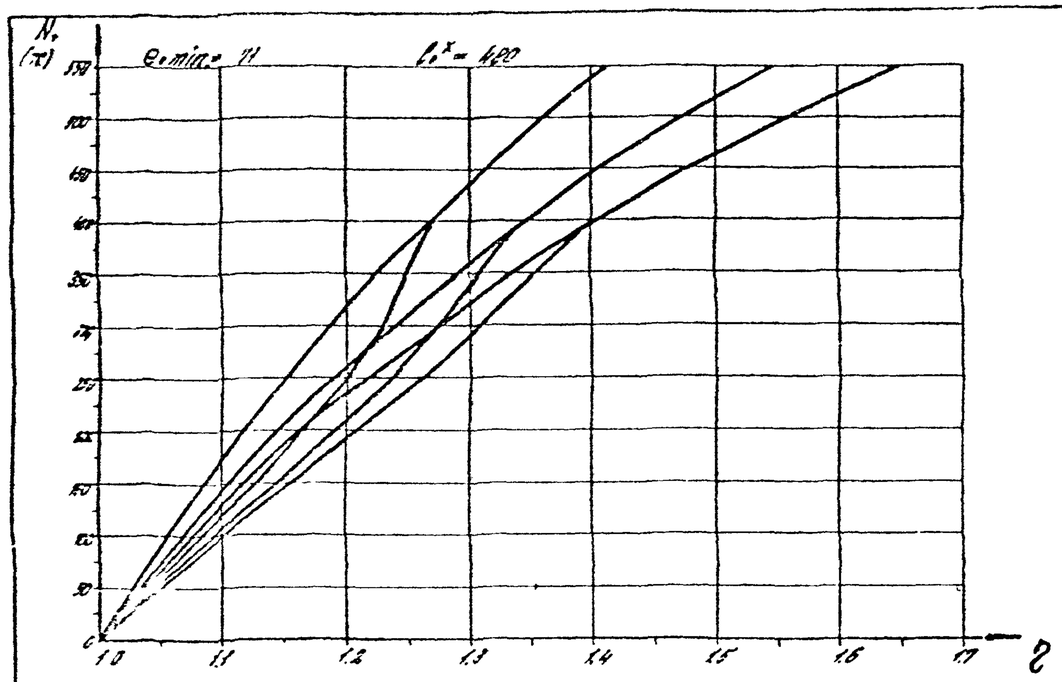
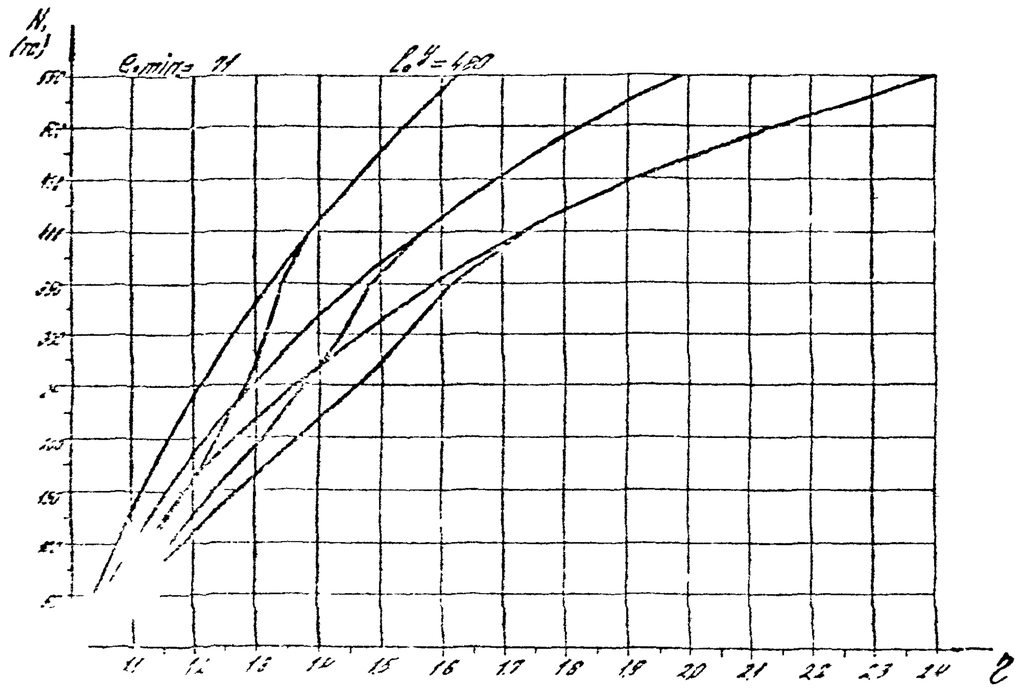
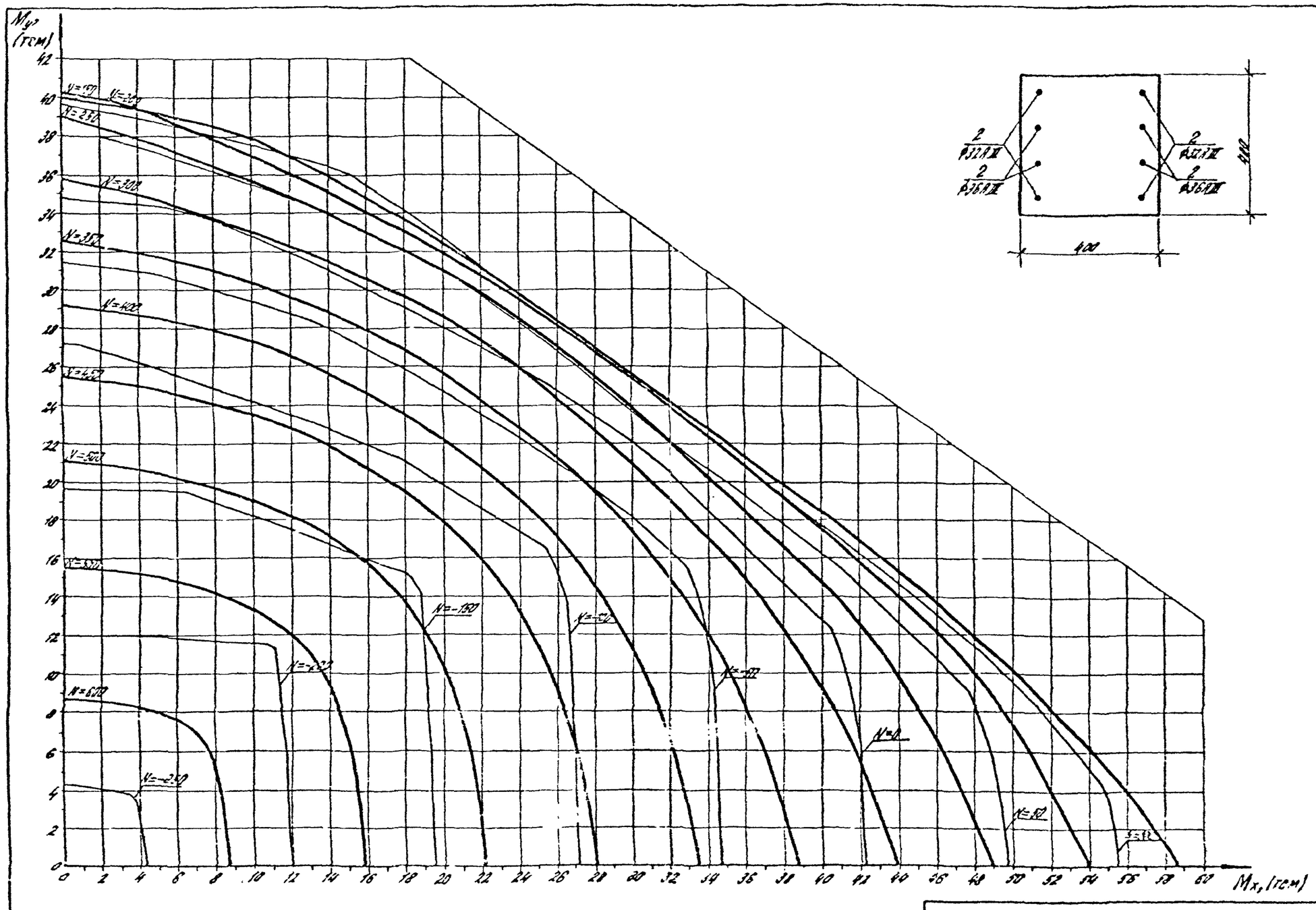
Вх. 32829 л.211

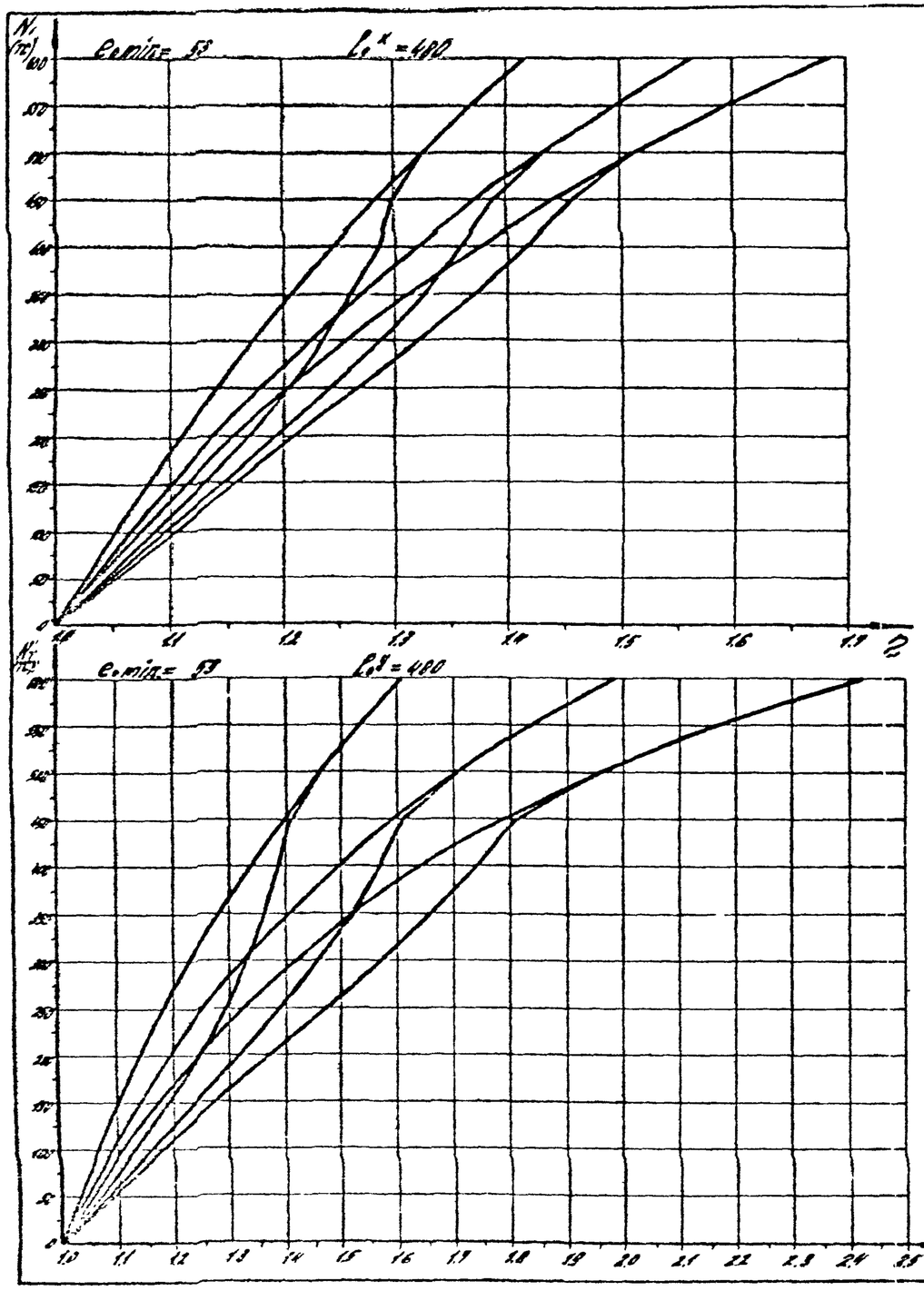




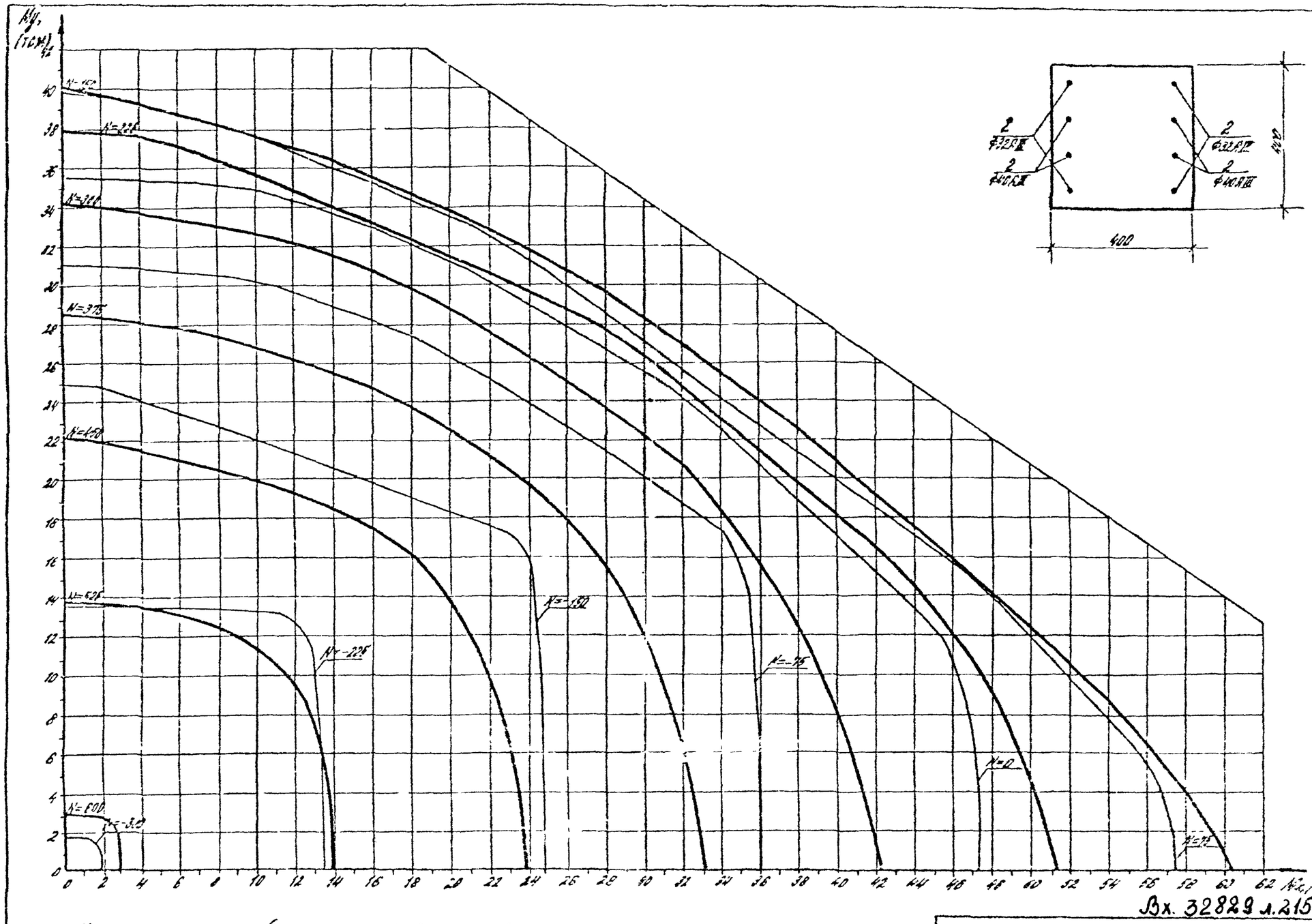
Вх. 32829 л.212



Класс бетона В40 (R_b=246.4 кгс/см² при учете γ_{b2}=1.10)



Вх. 32829 л.214



Вх. 32829 л.215

Класс бетона В40 (R_B = 201 кгс/см² при класс b_2 = 63)

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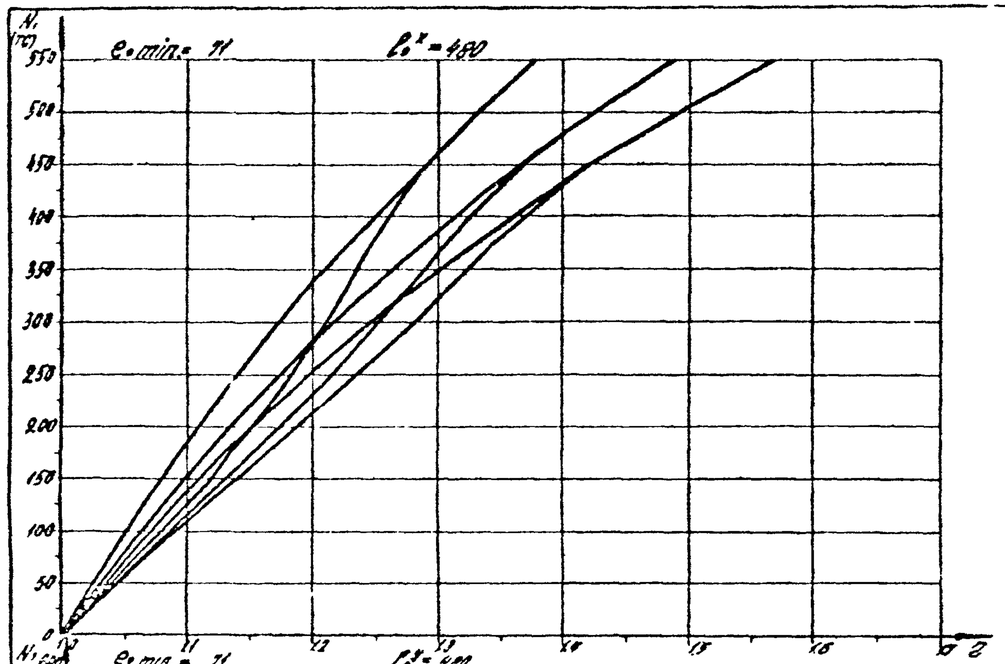
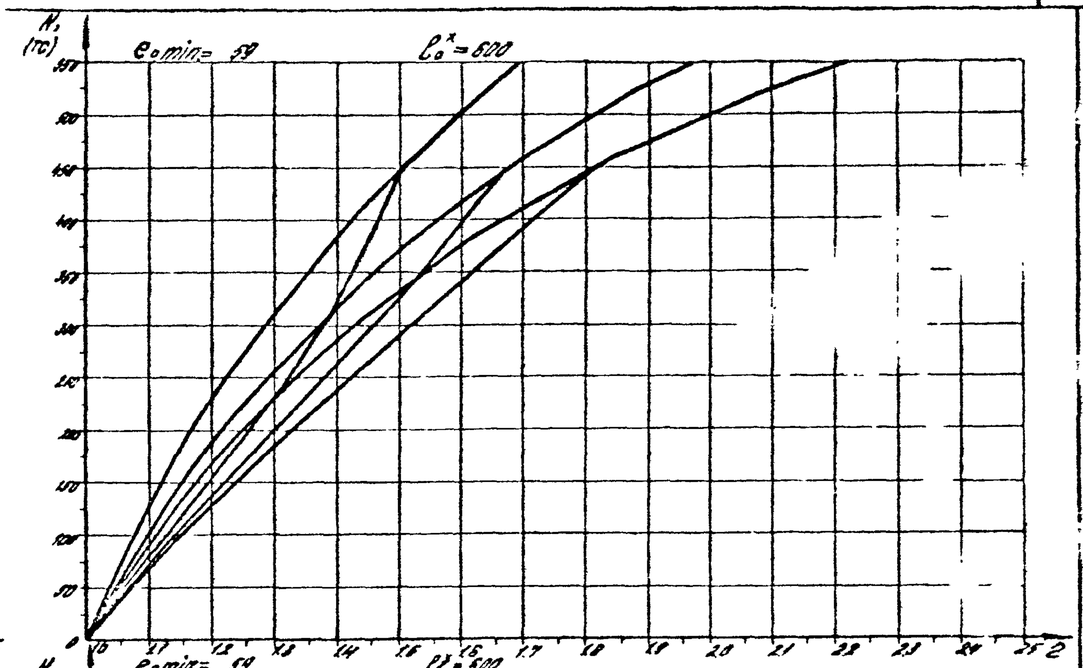

N₁ (тс)
e₀min = 71
ℓ₀ˣ = 480
г


N₁ (тс)
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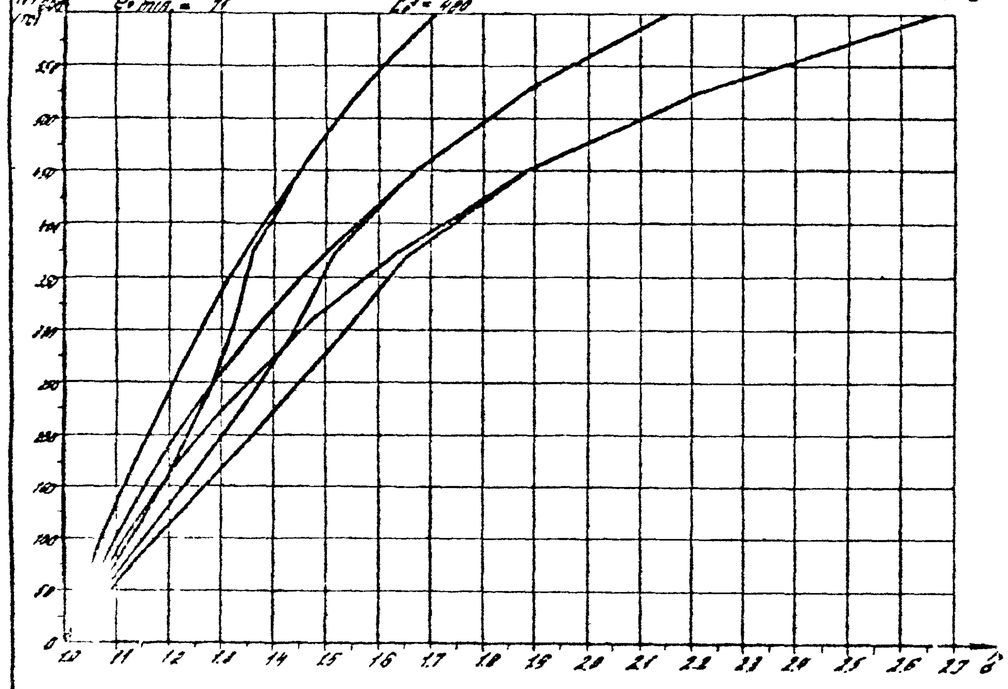
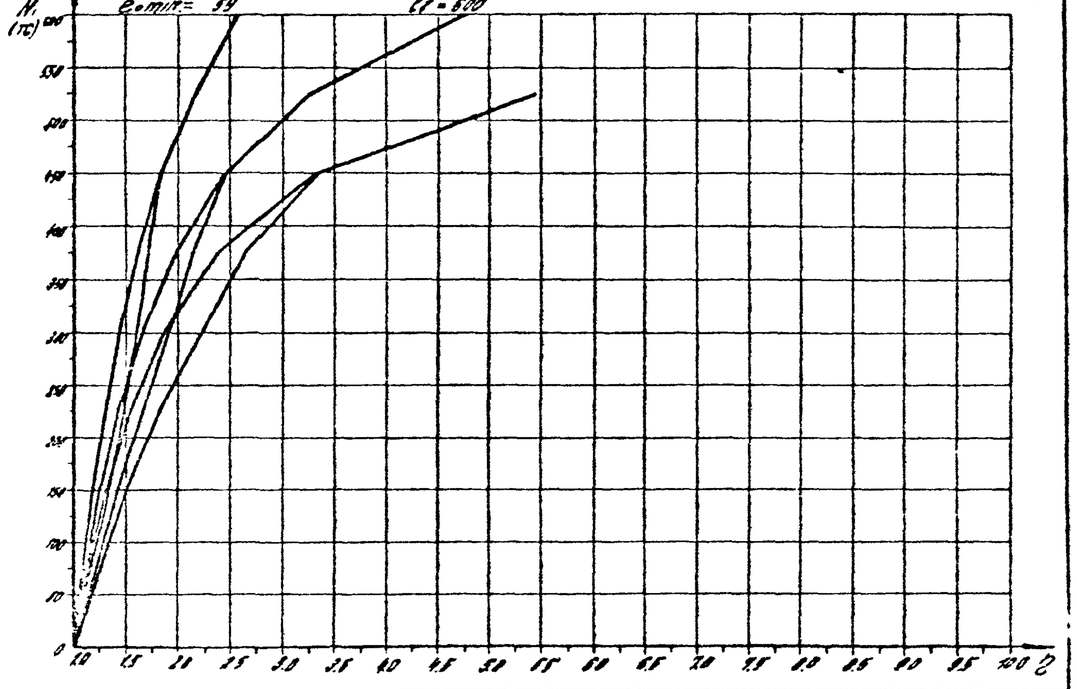
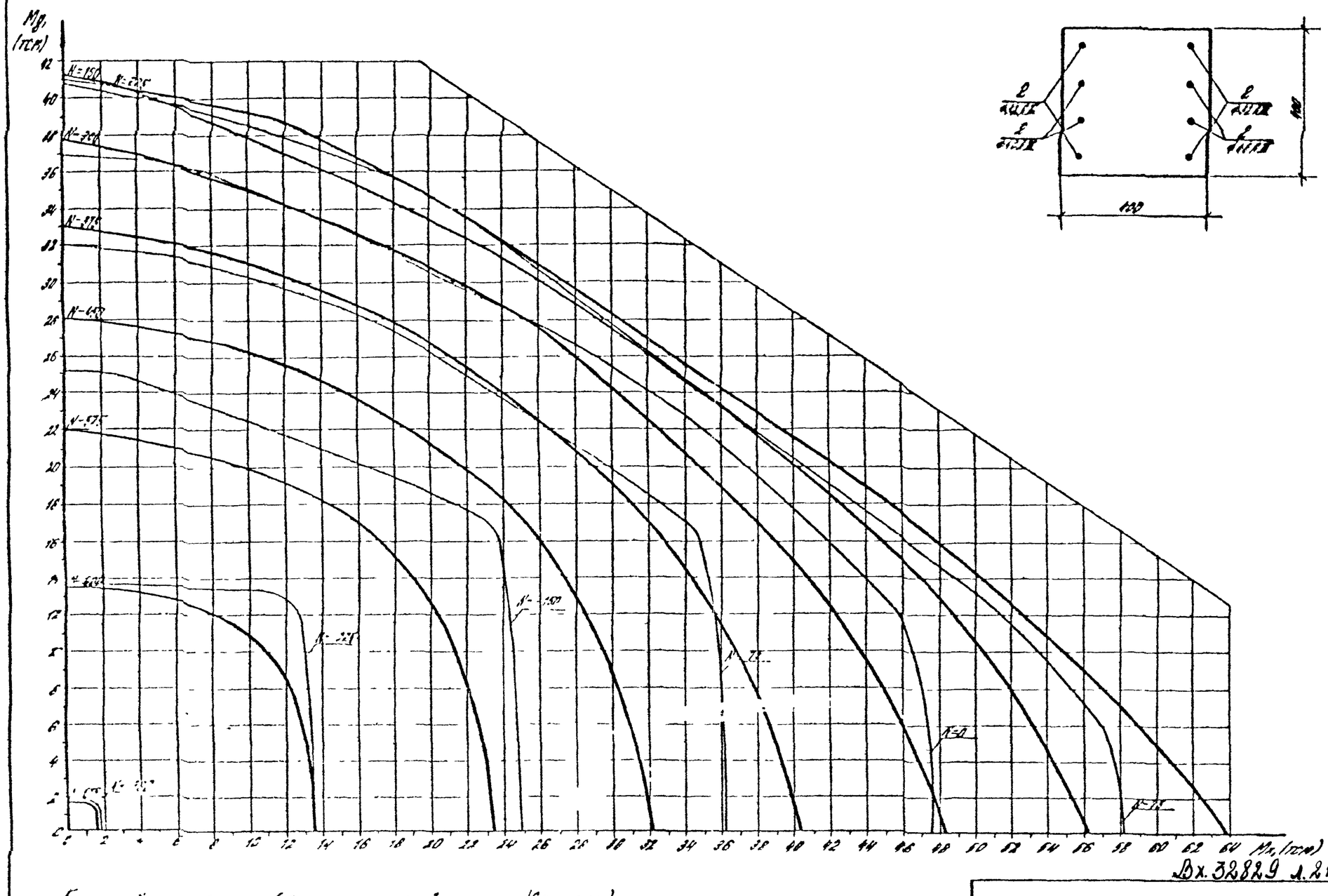
ℓ₀ˣ = 600
г

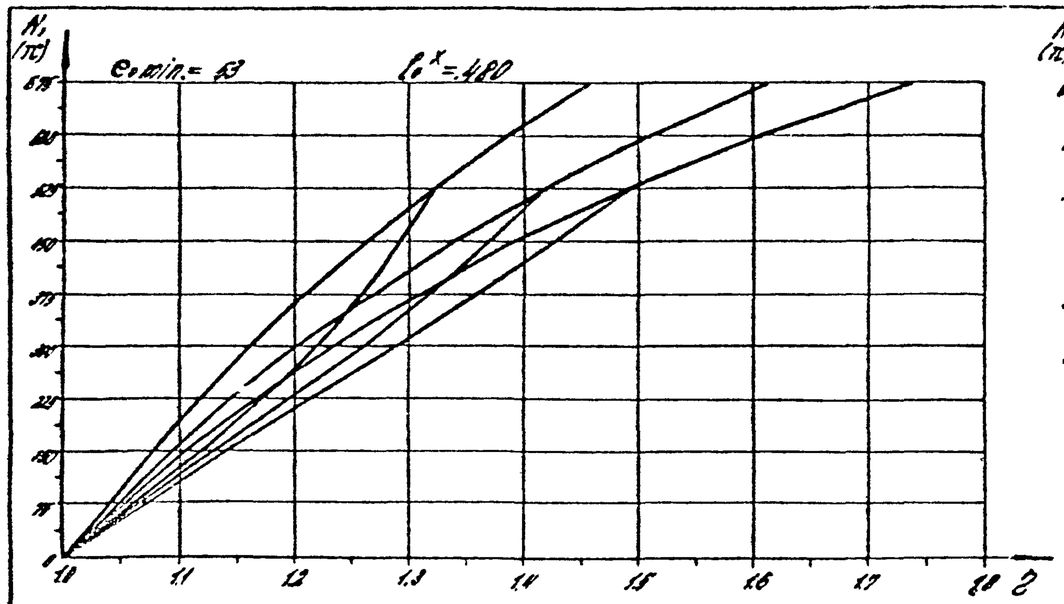

N₁ (тс)
e₀min = 71
ℓ₀ˣ = 480
б

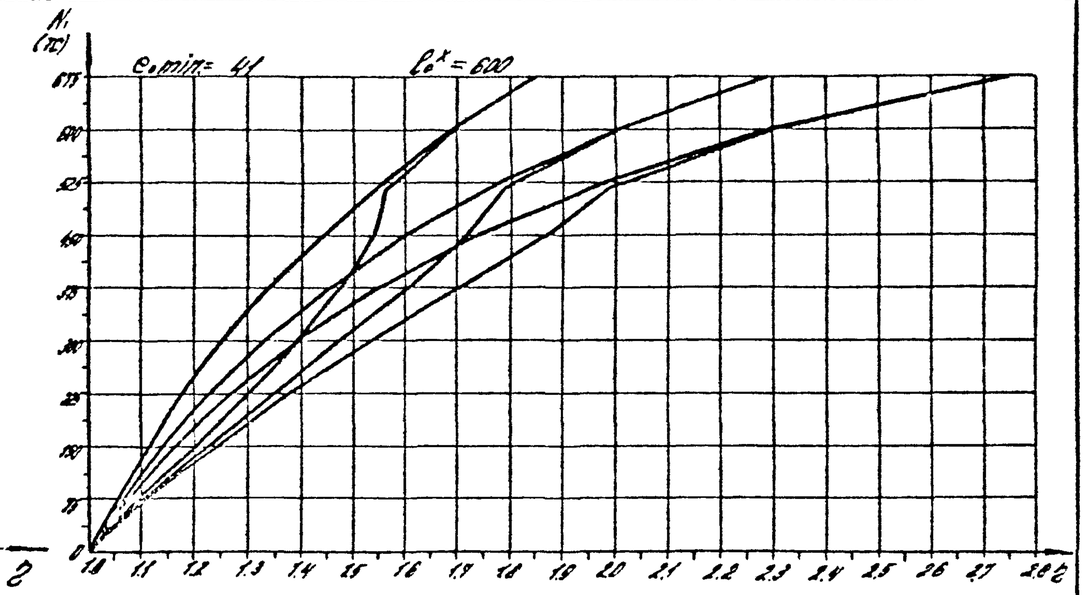

N₁ (тс)
e₀min = 59
ℓ₀ˣ = 600
г

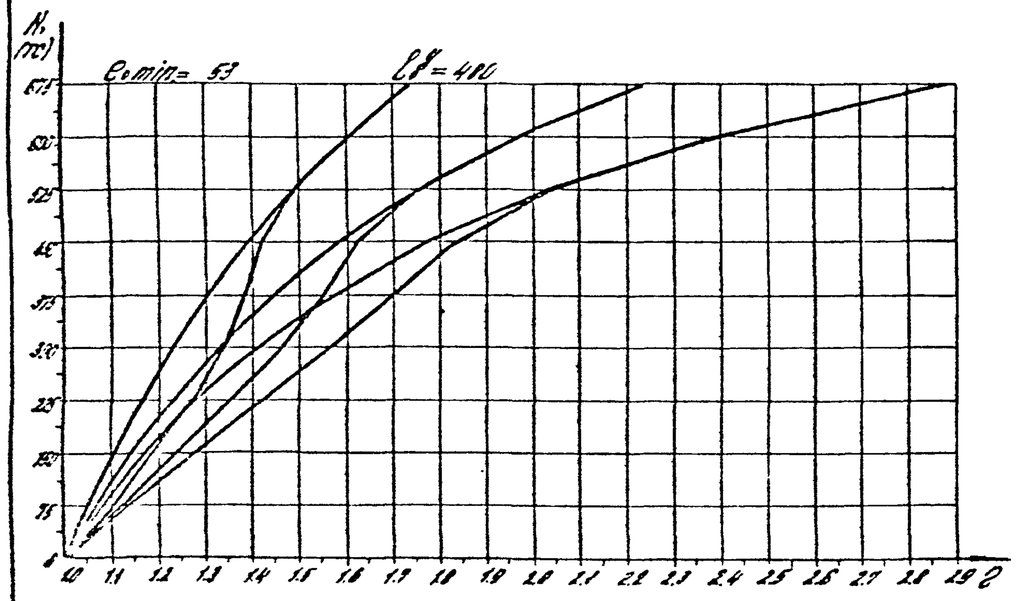


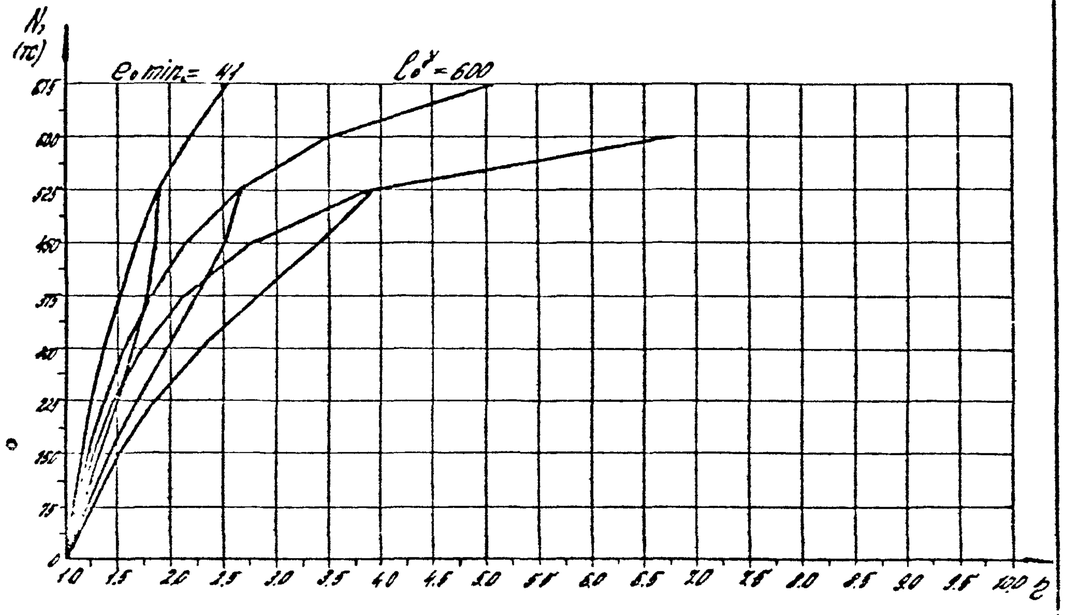
Вх. 32829 л. 217

Класс бетона В30 (Rв=246 кгс/см² при γвб2=1,10) (γb=1,10)

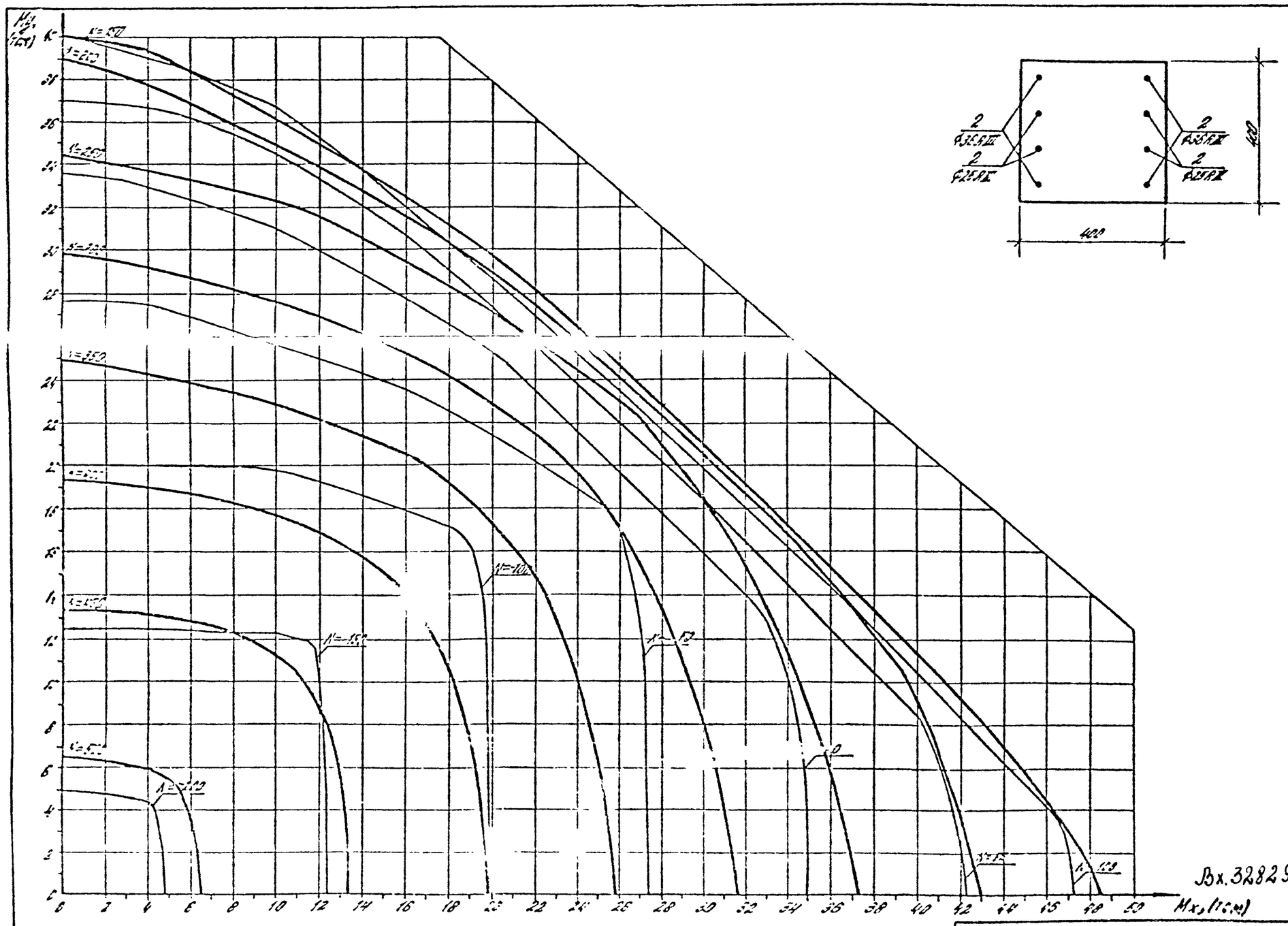








Вх. 32829 л.218



Бетон марки 540 (R_B = 201.6 кгс/см² при γ_{b2}=0.9) (R_b=0.9)

Вх.32829 л.219

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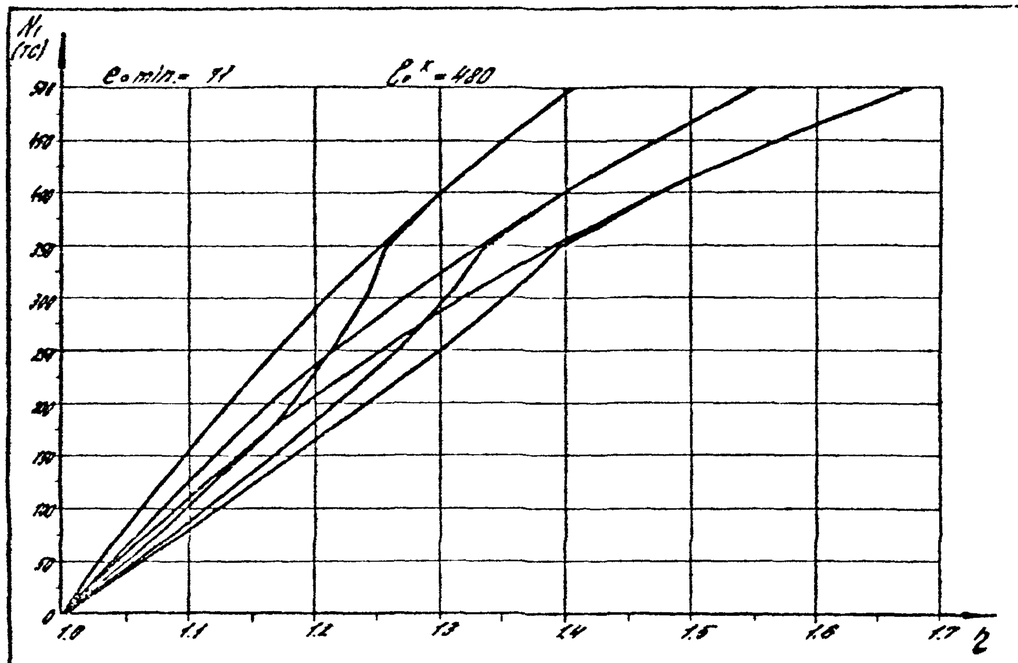
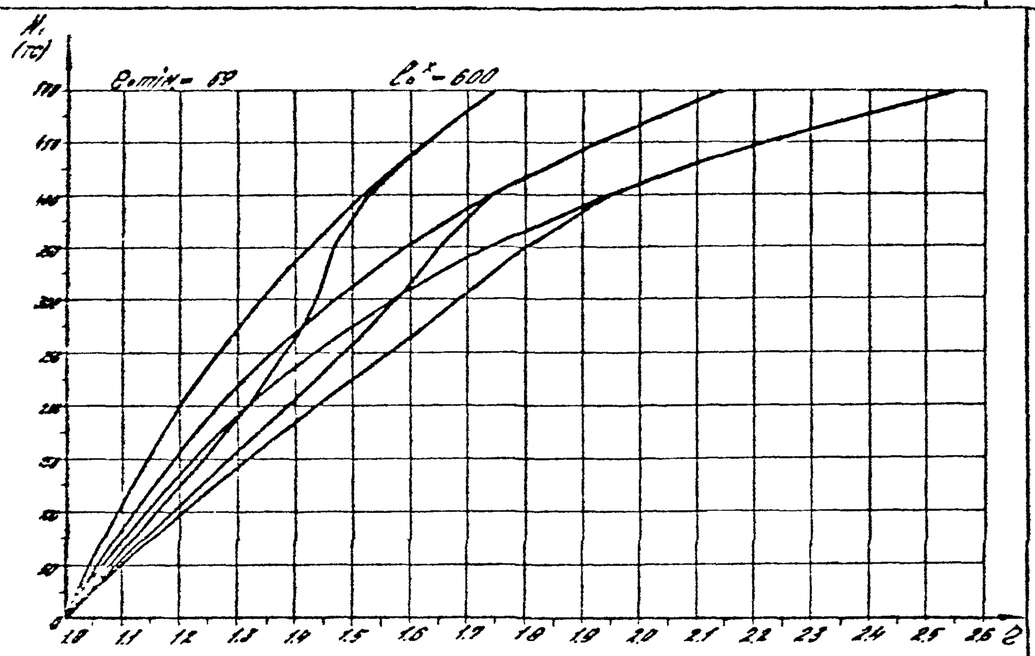
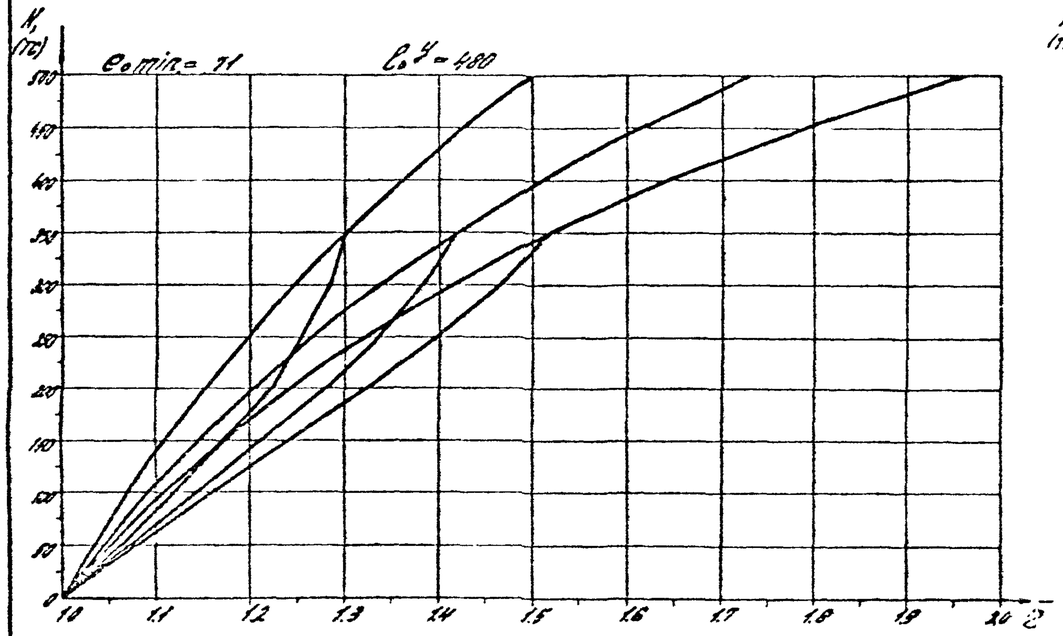
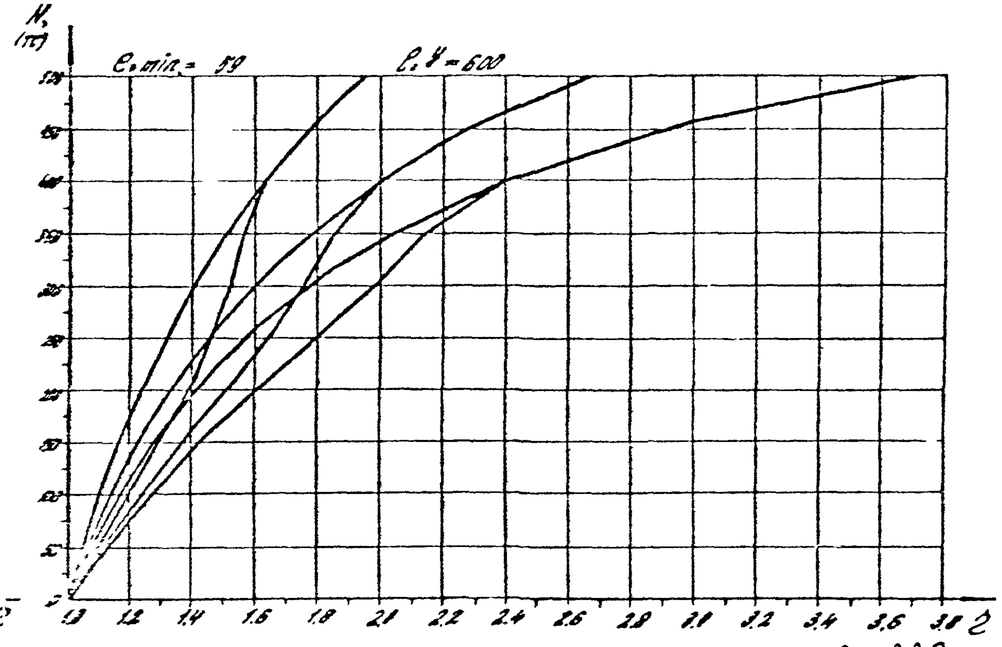
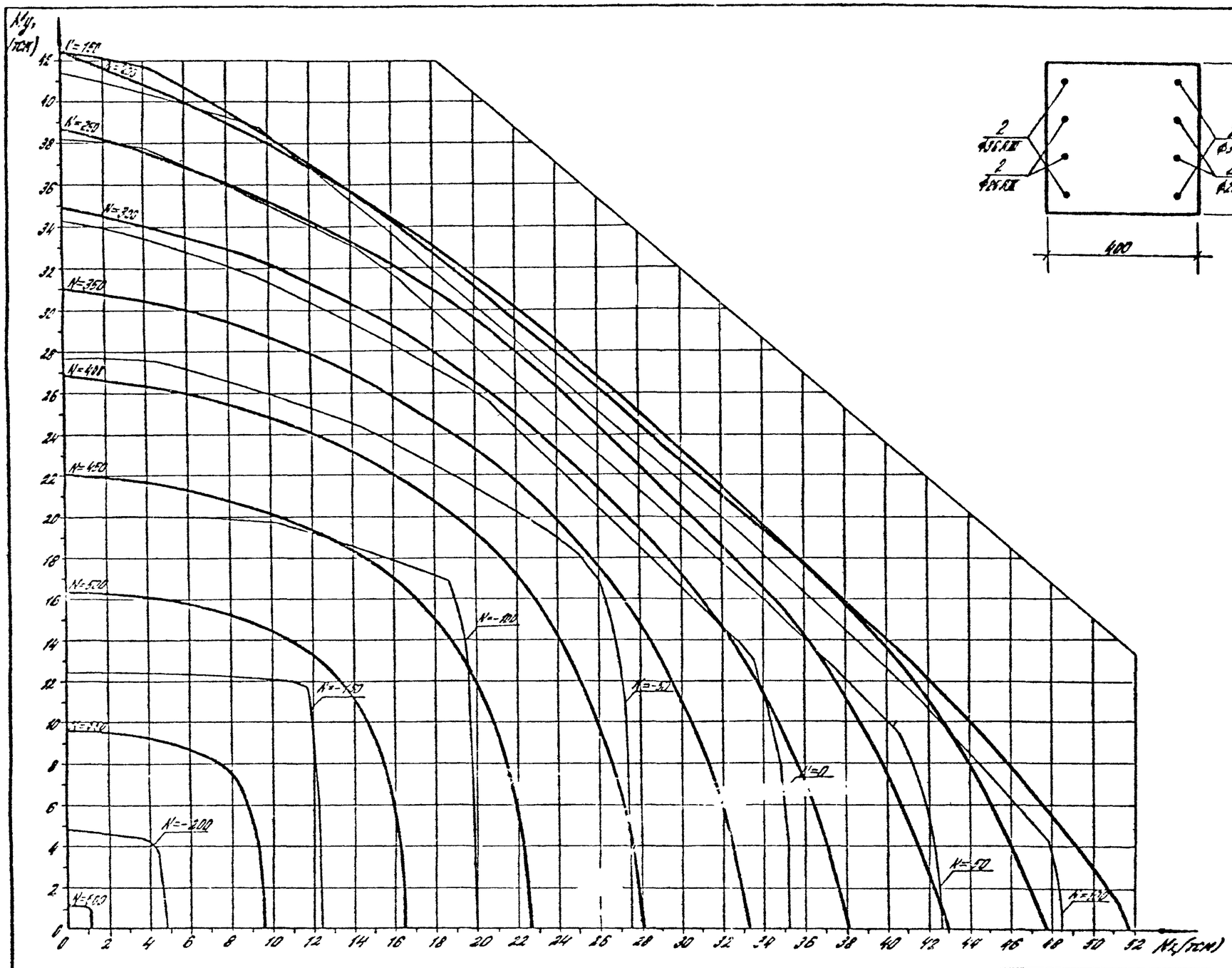


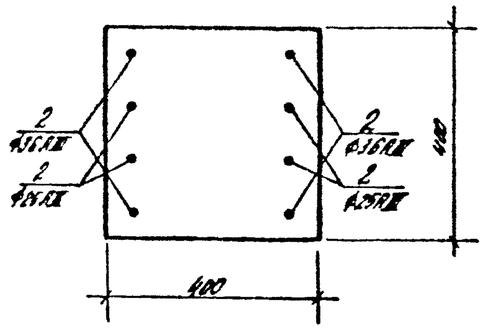






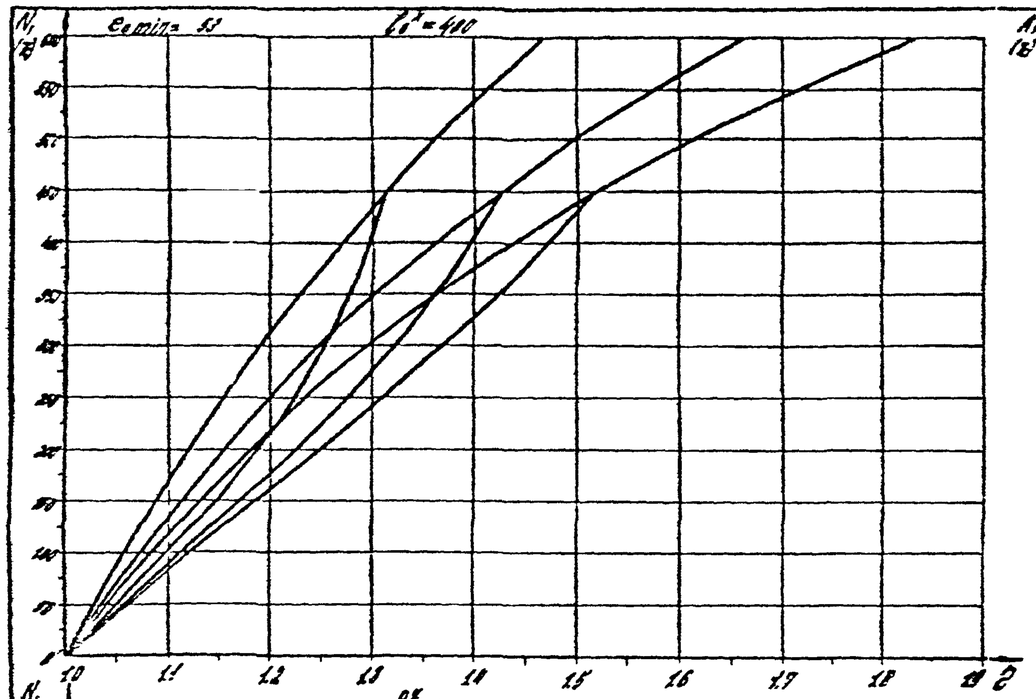
Вх. 32829 л. 220





Вх. 32829 л. 221

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


N_1 (т)
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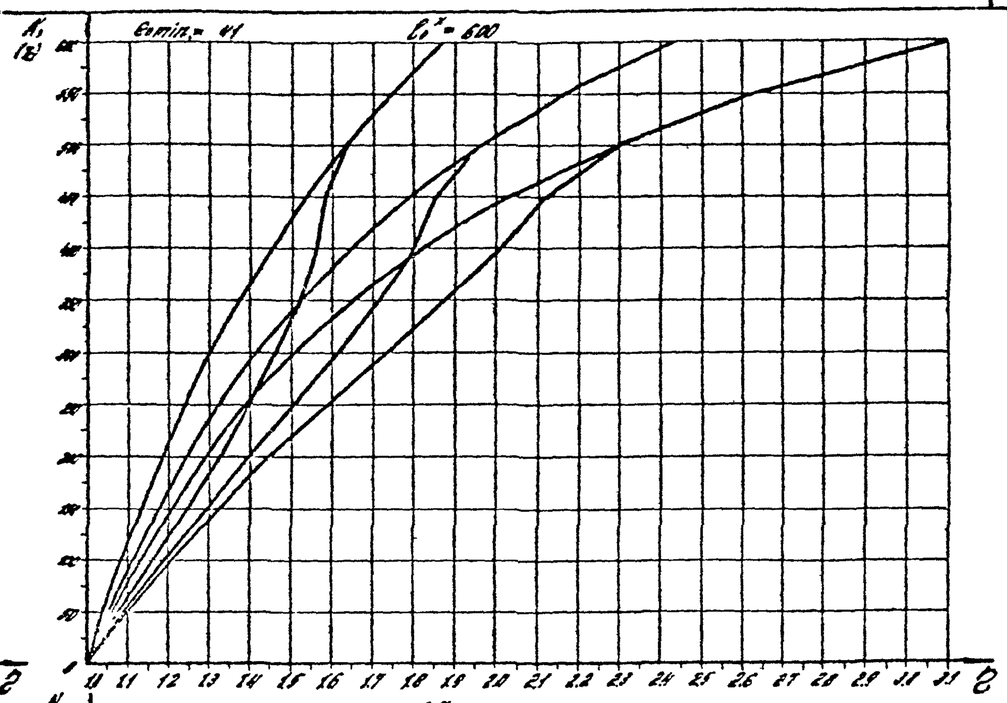
$\ell_0^x = 400$
ℓ


N_1 (т)
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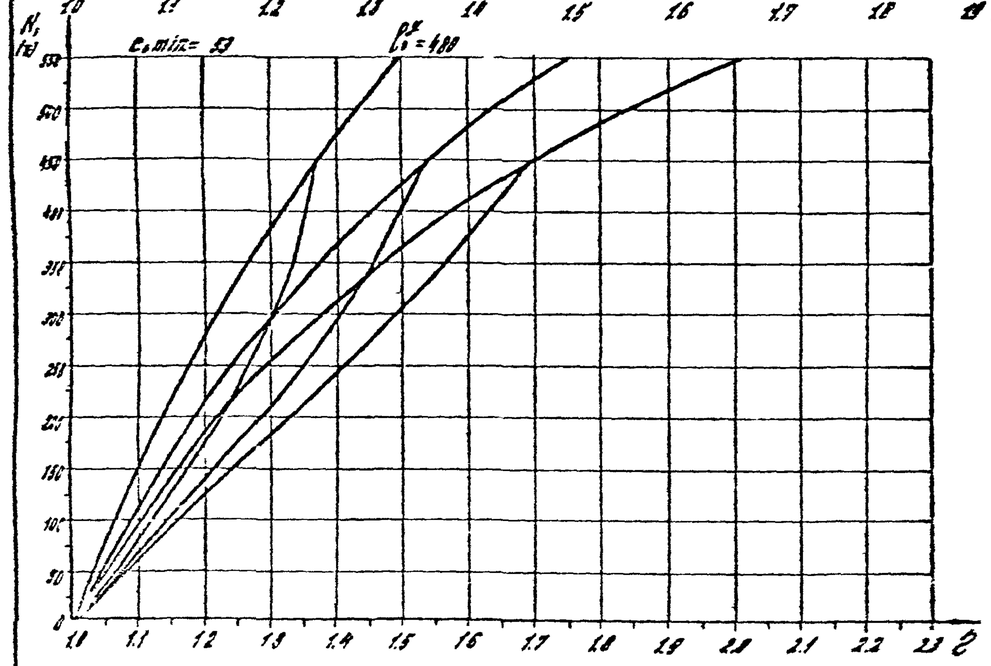
$\ell_0^x = 600$
ℓ


N_1 (т)
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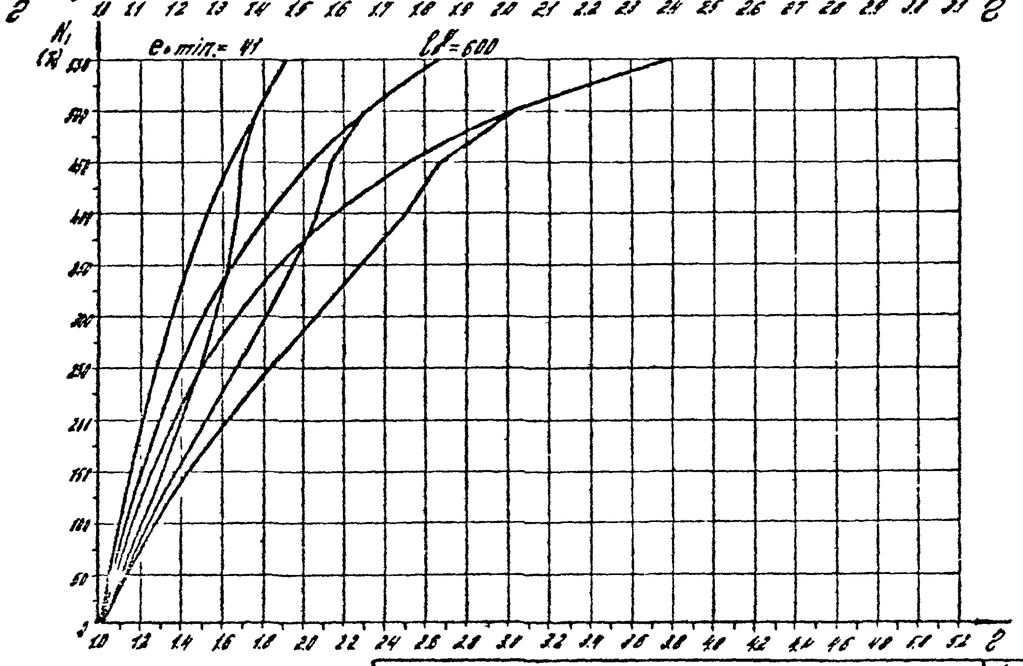
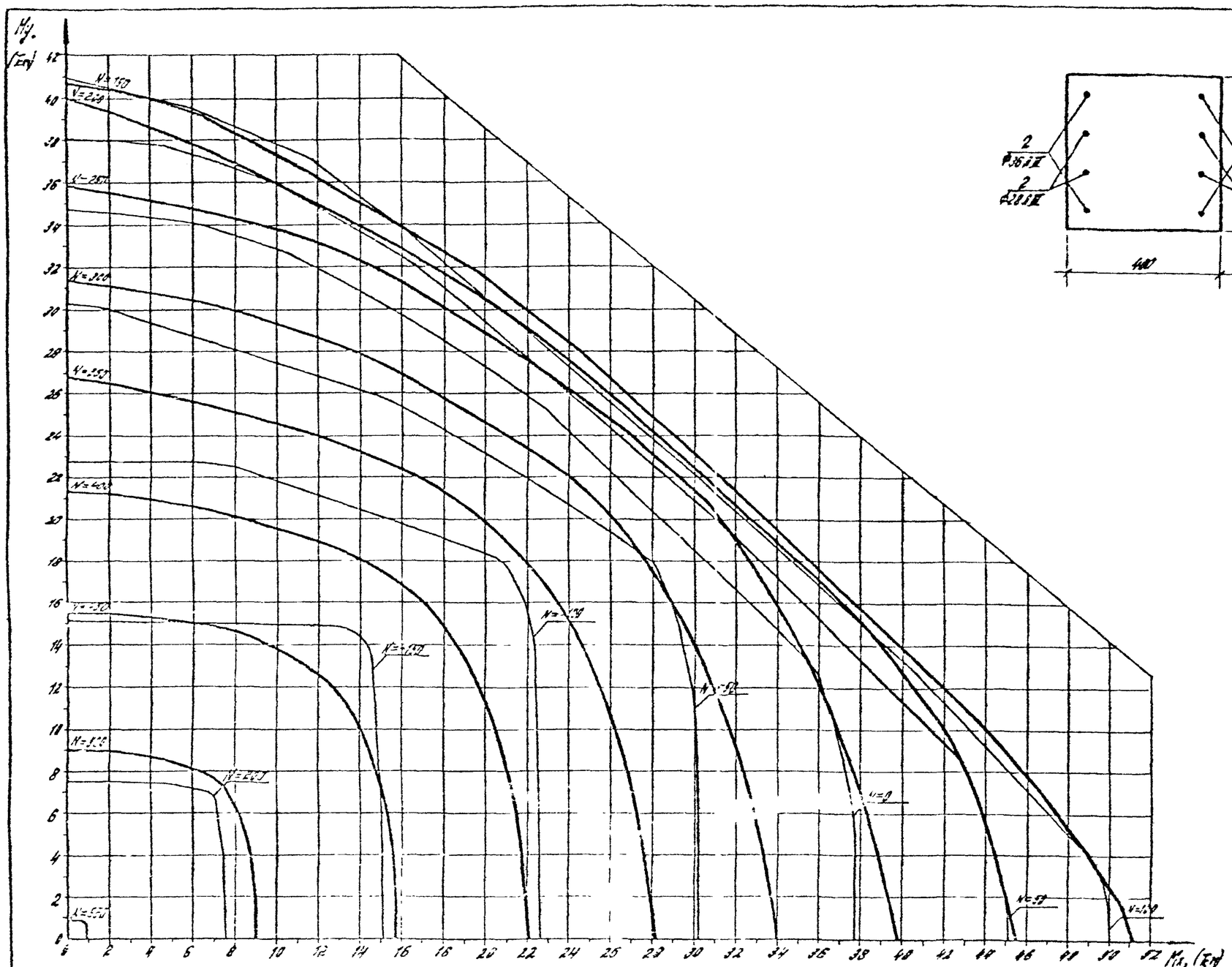
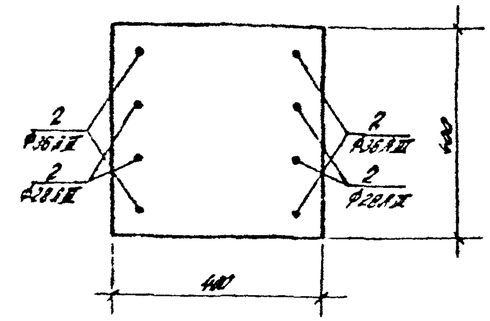
$\ell_0^x = 400$
ℓ

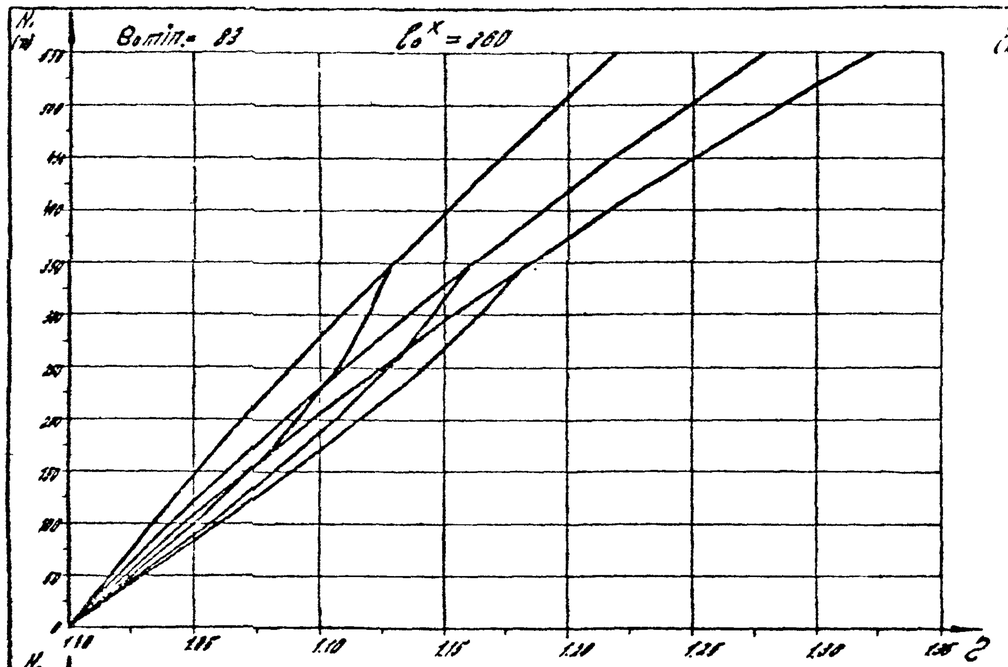

N_1 (т)
$e_0 min = 41$
$\ell_0^x = 600$
ℓ

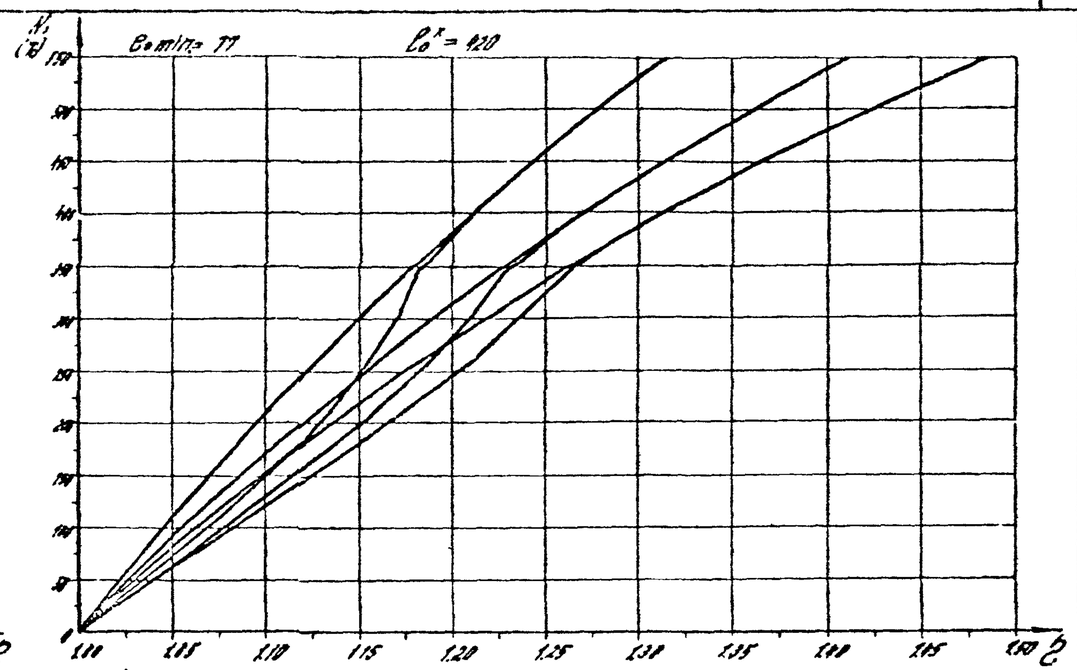


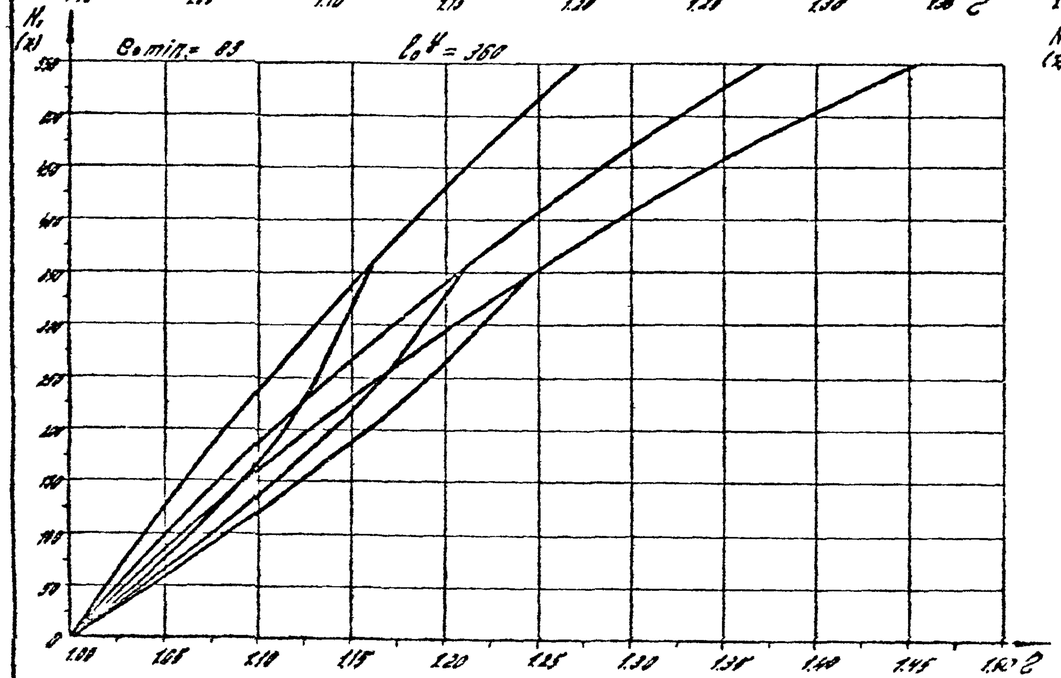


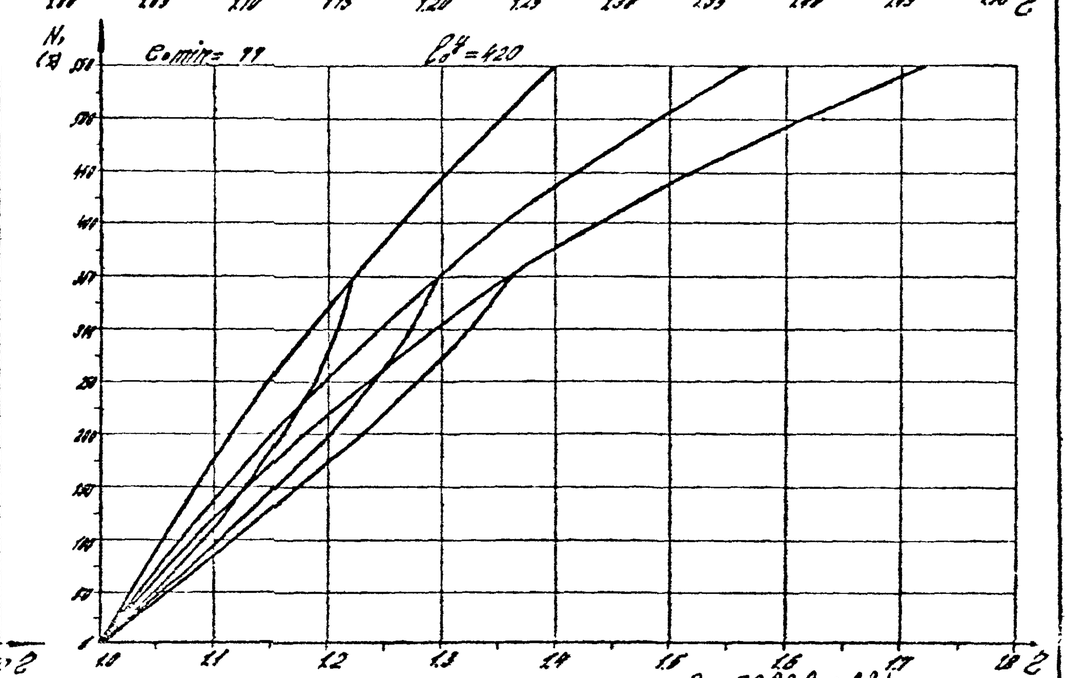
Класс бетона В40 (R_b = 204.6 кгс/см² при γ$_{b2}$ = 0.9)

Вх. 32829 л.223

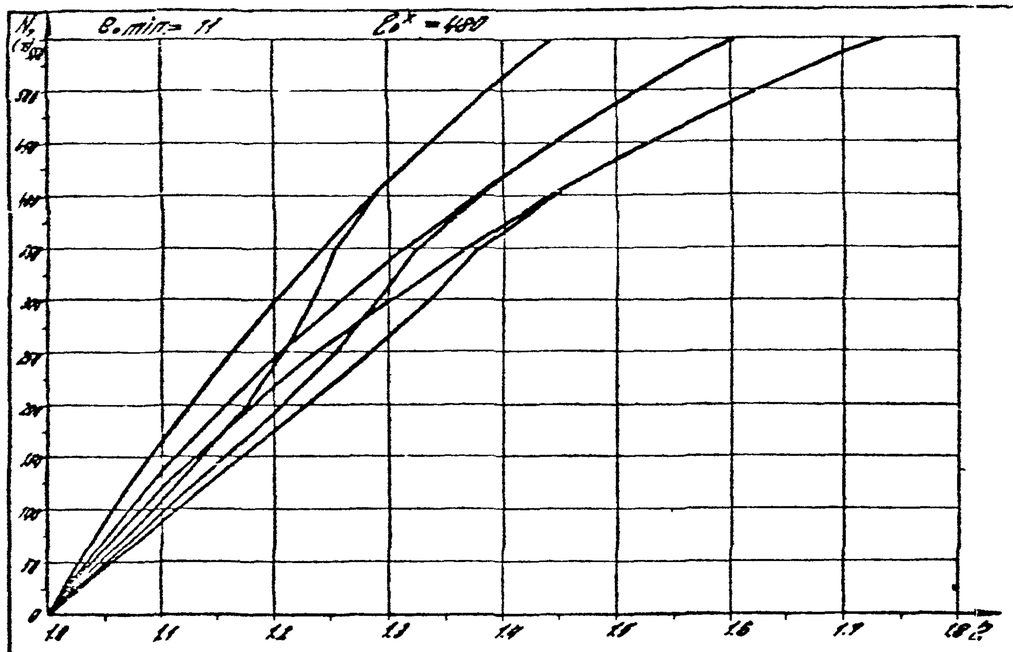


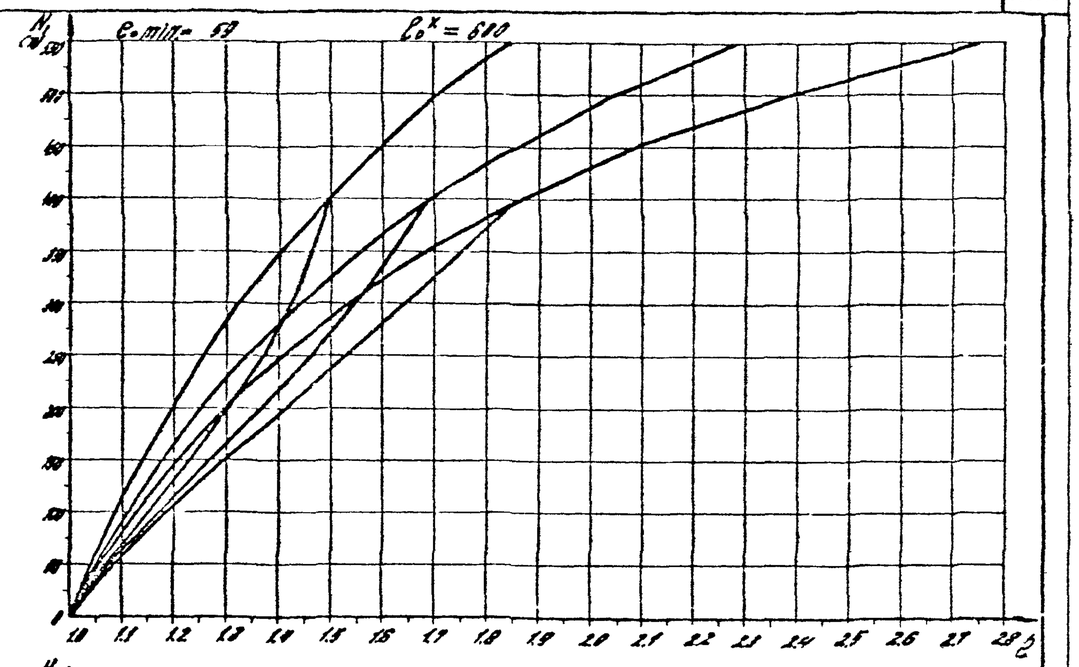


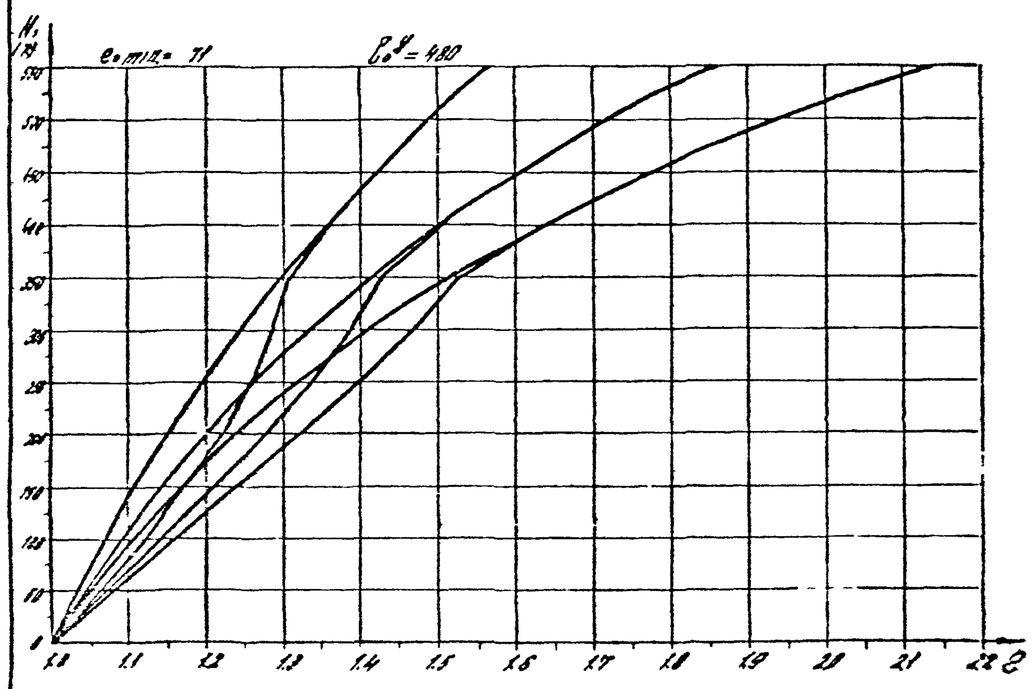


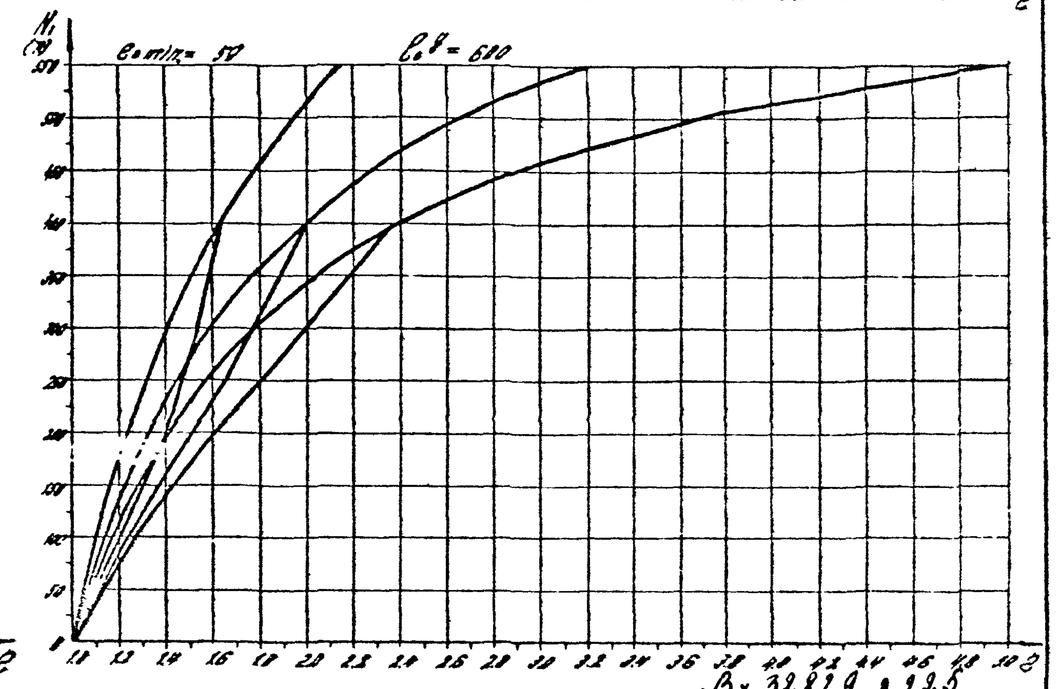


Вх. 32829 л.224

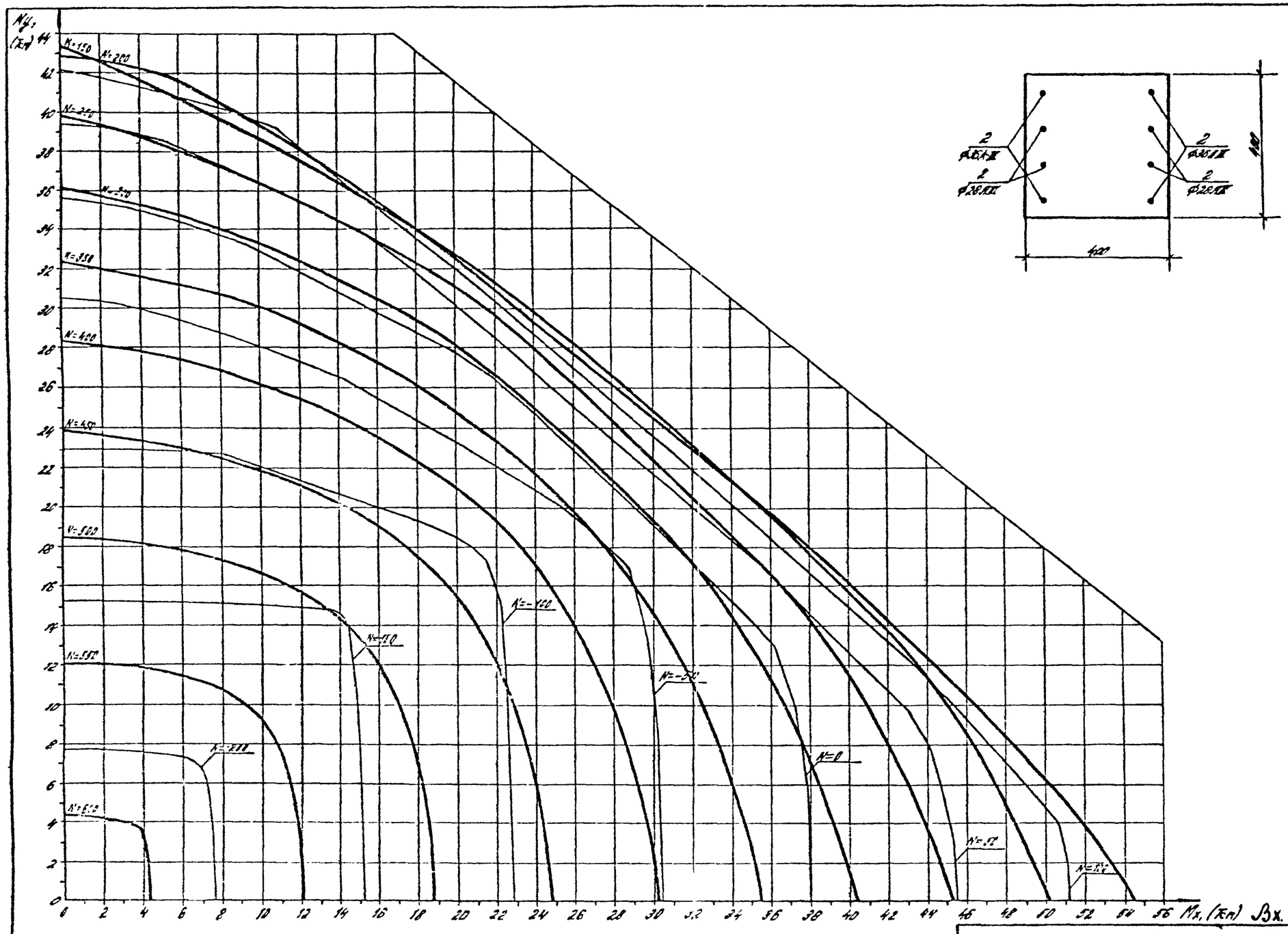






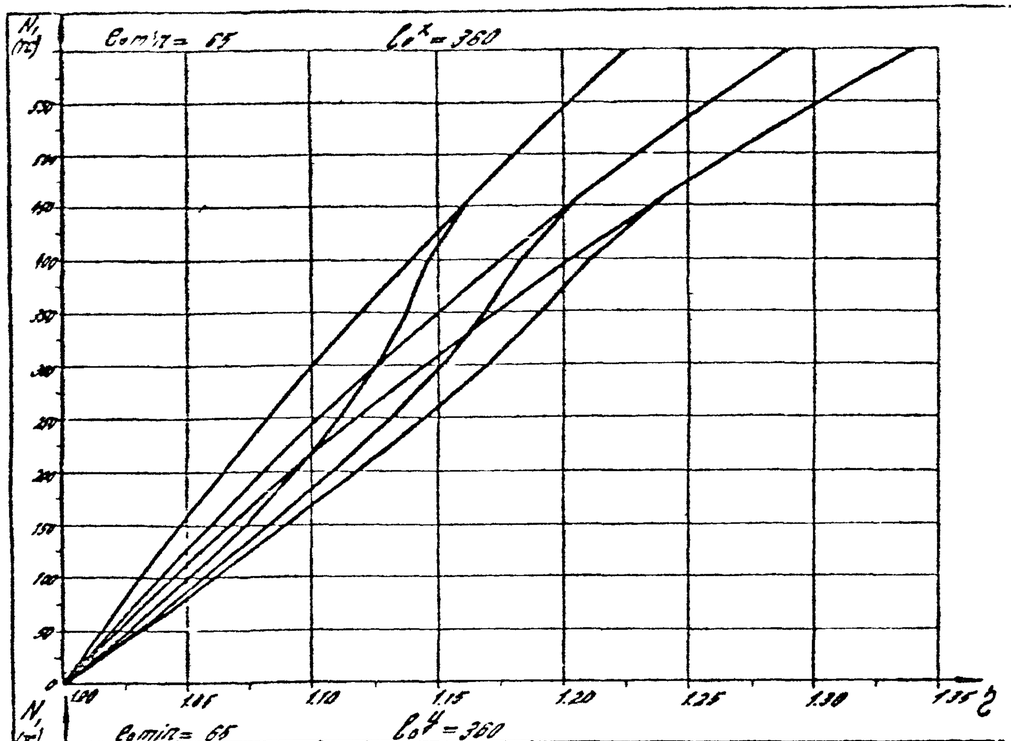


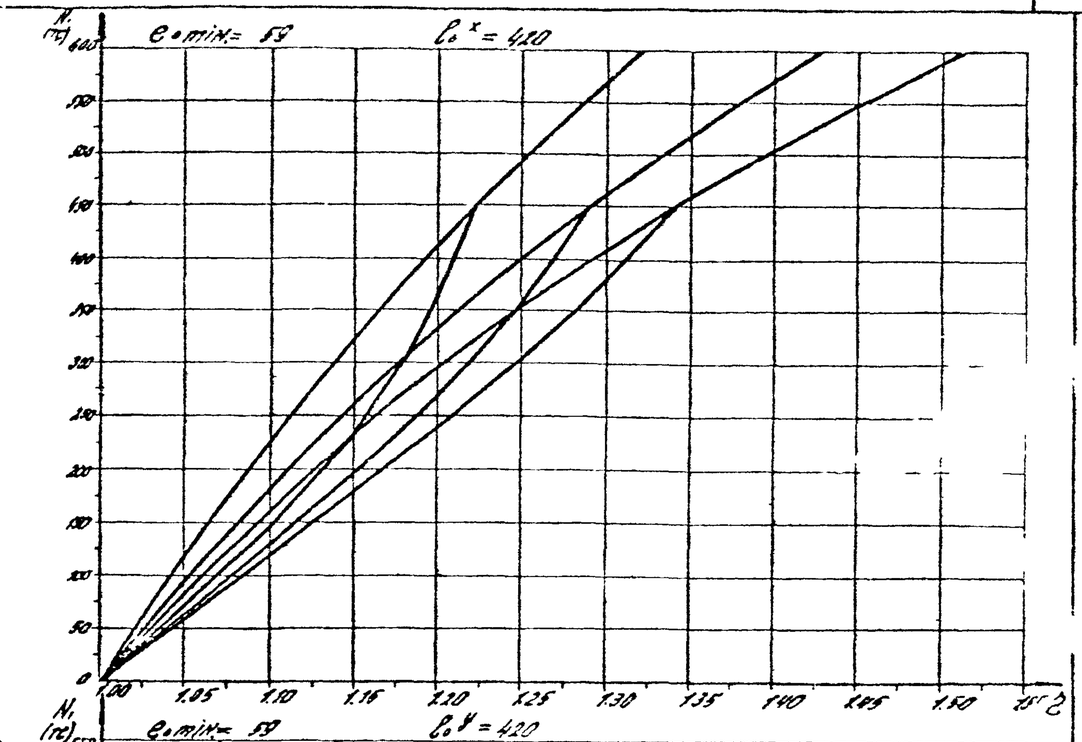
Вх. 32829 л. 225

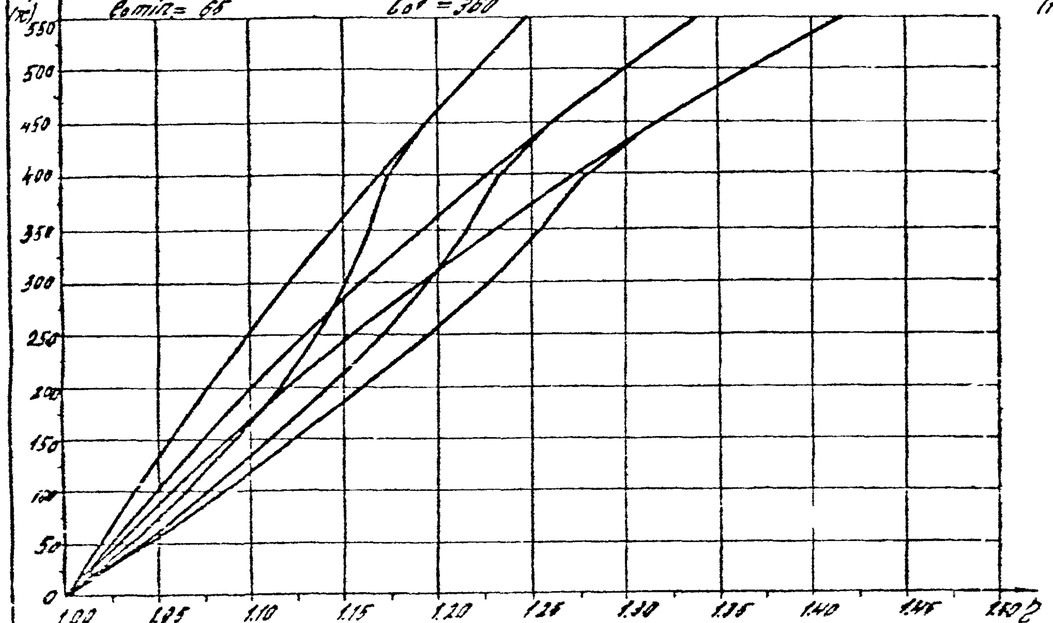


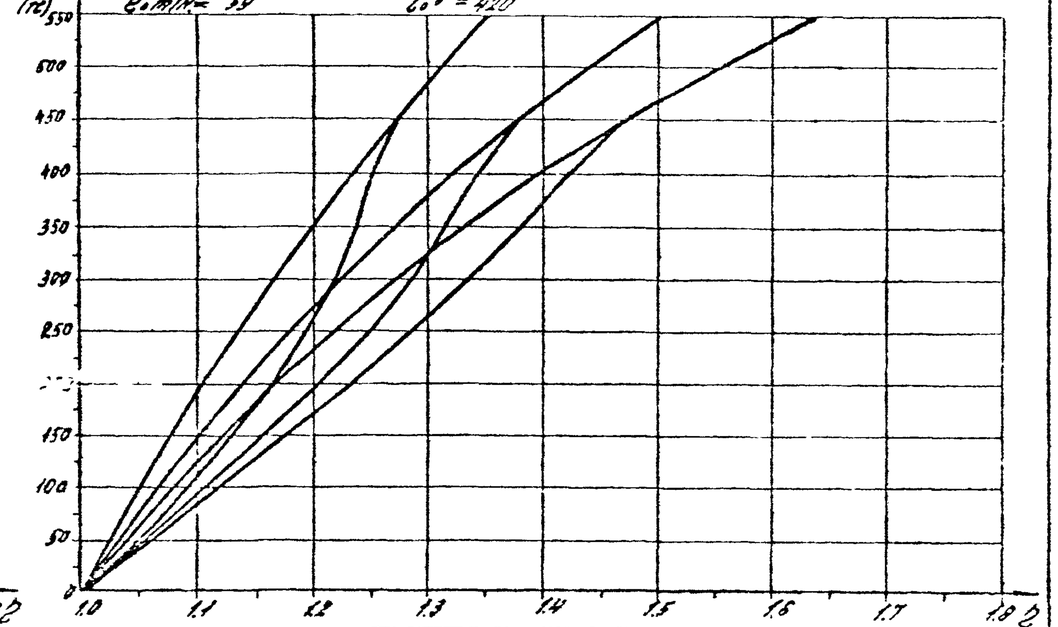
Вх. 32829 л.226

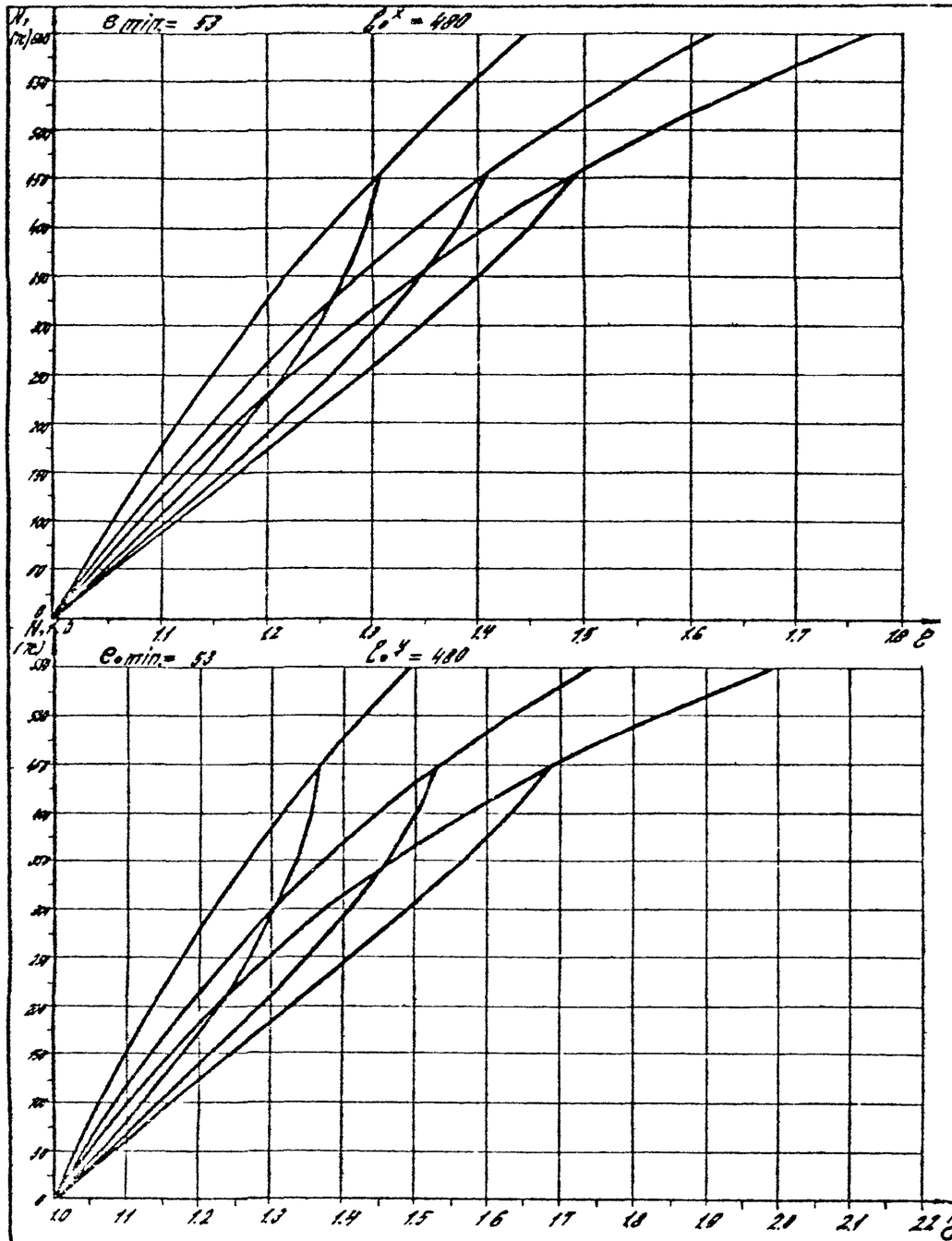
Класс бетона В40 (R_p = 246.4 кгс/см² при учете γ_{b2} = 1.10)

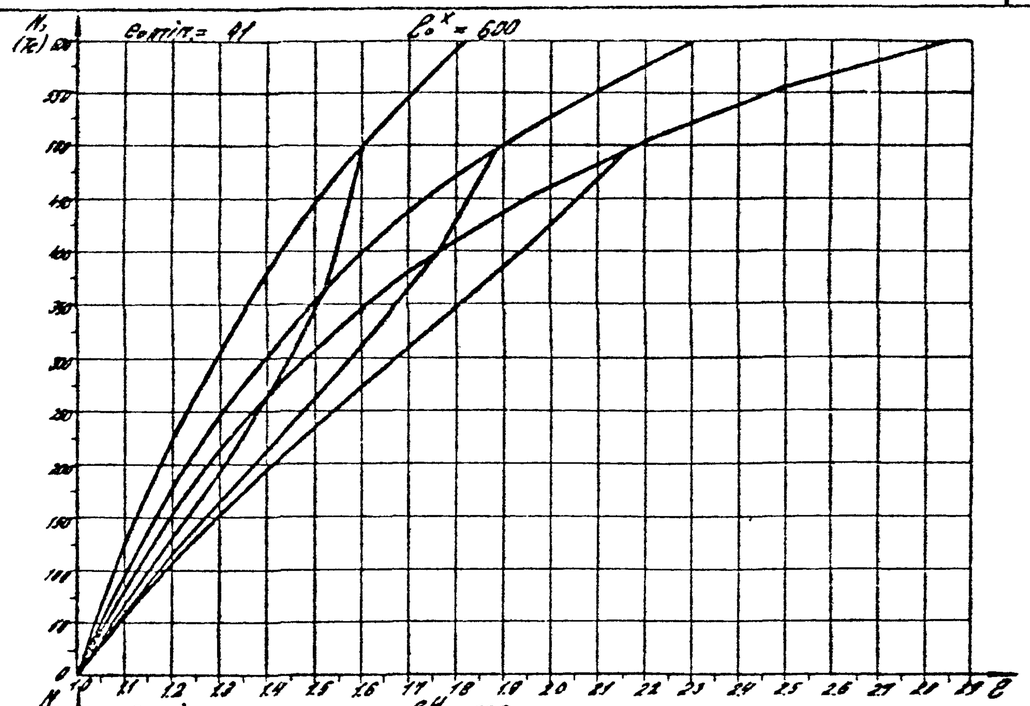

N, (тс)
e₀min = 65
l₀ˣ = 360
ξ

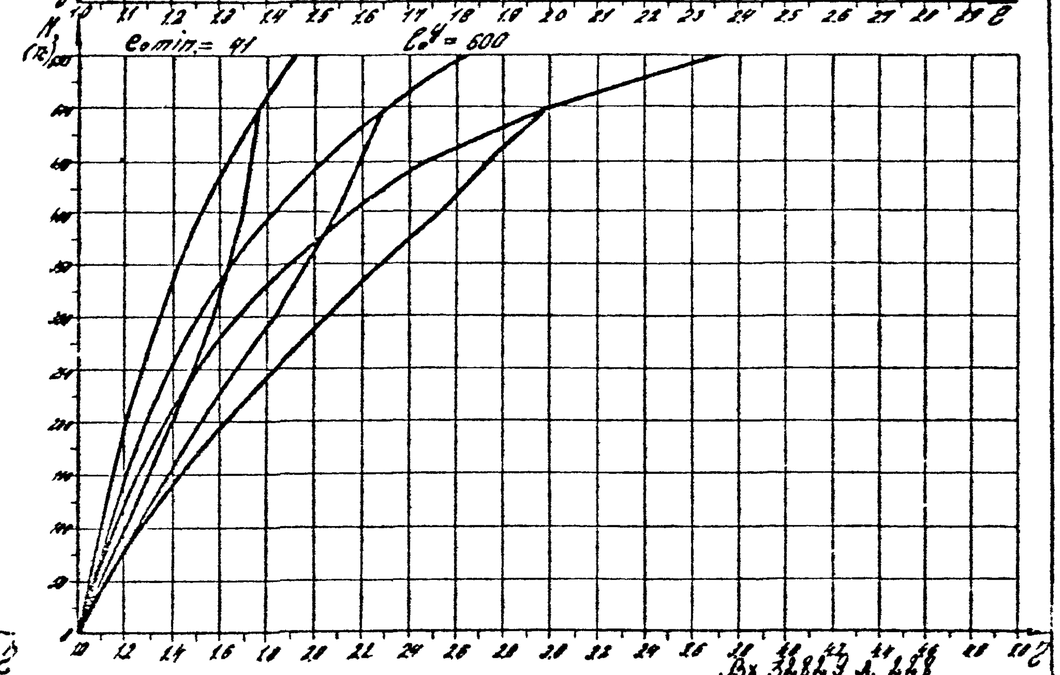

N, (тс)
e₀min = 59
l₀ˣ = 420
ξ


N, (тс)
e₀min = 65
l₀ʸ = 360
ξ

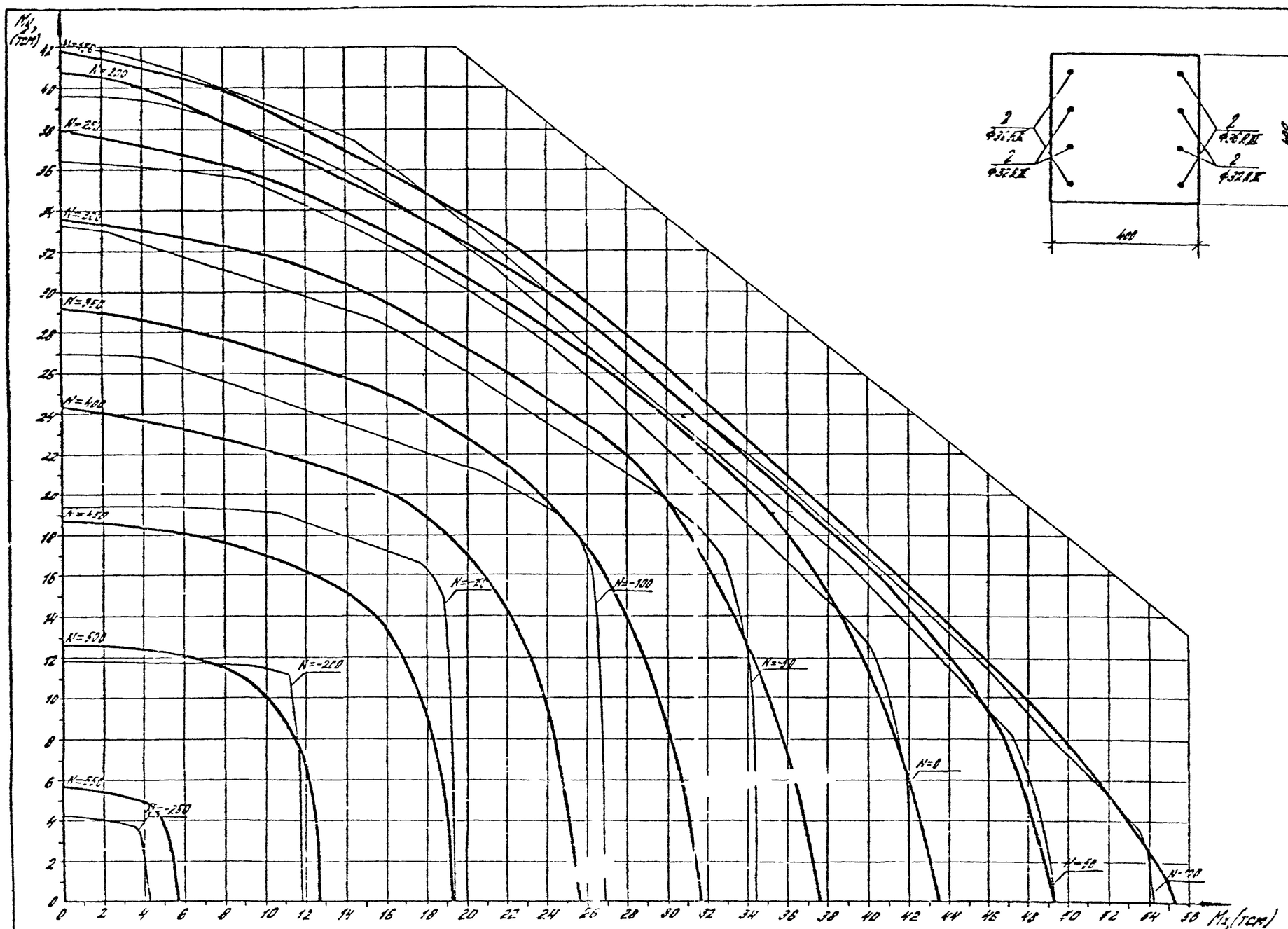

N, (тс)
e₀min = 59
l₀ʸ = 420
ξ





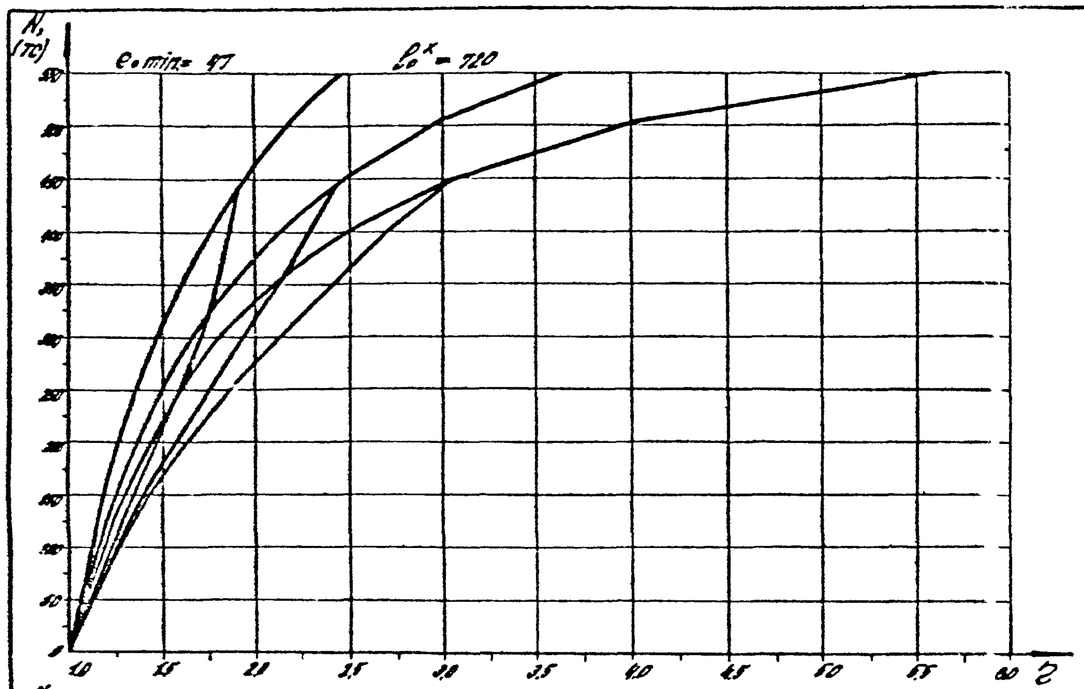


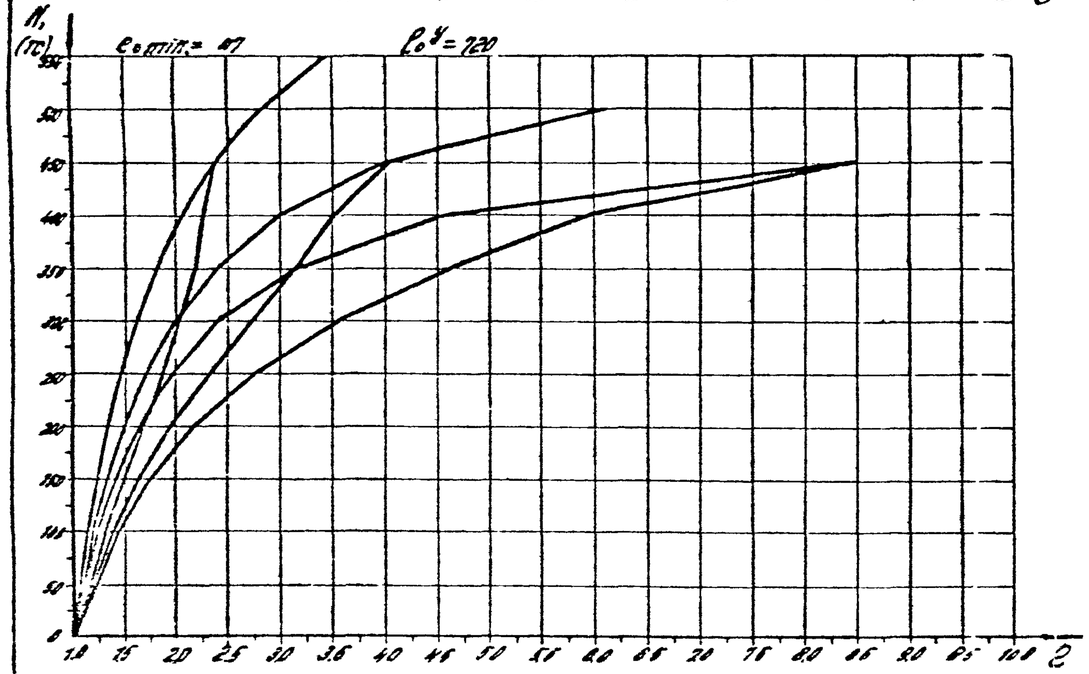
Вх. 32829 л. 228



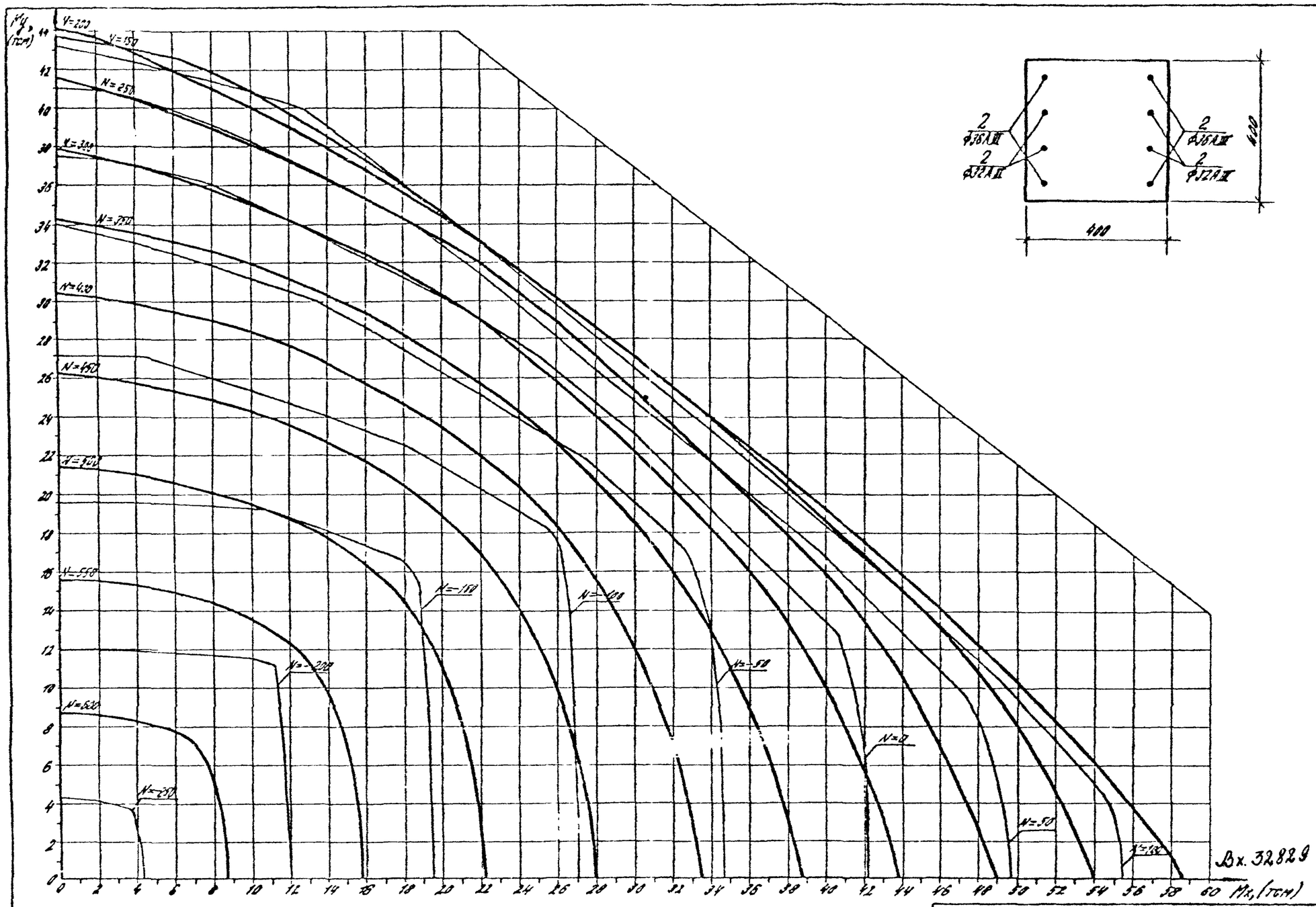
Вх. 32829 л. 229

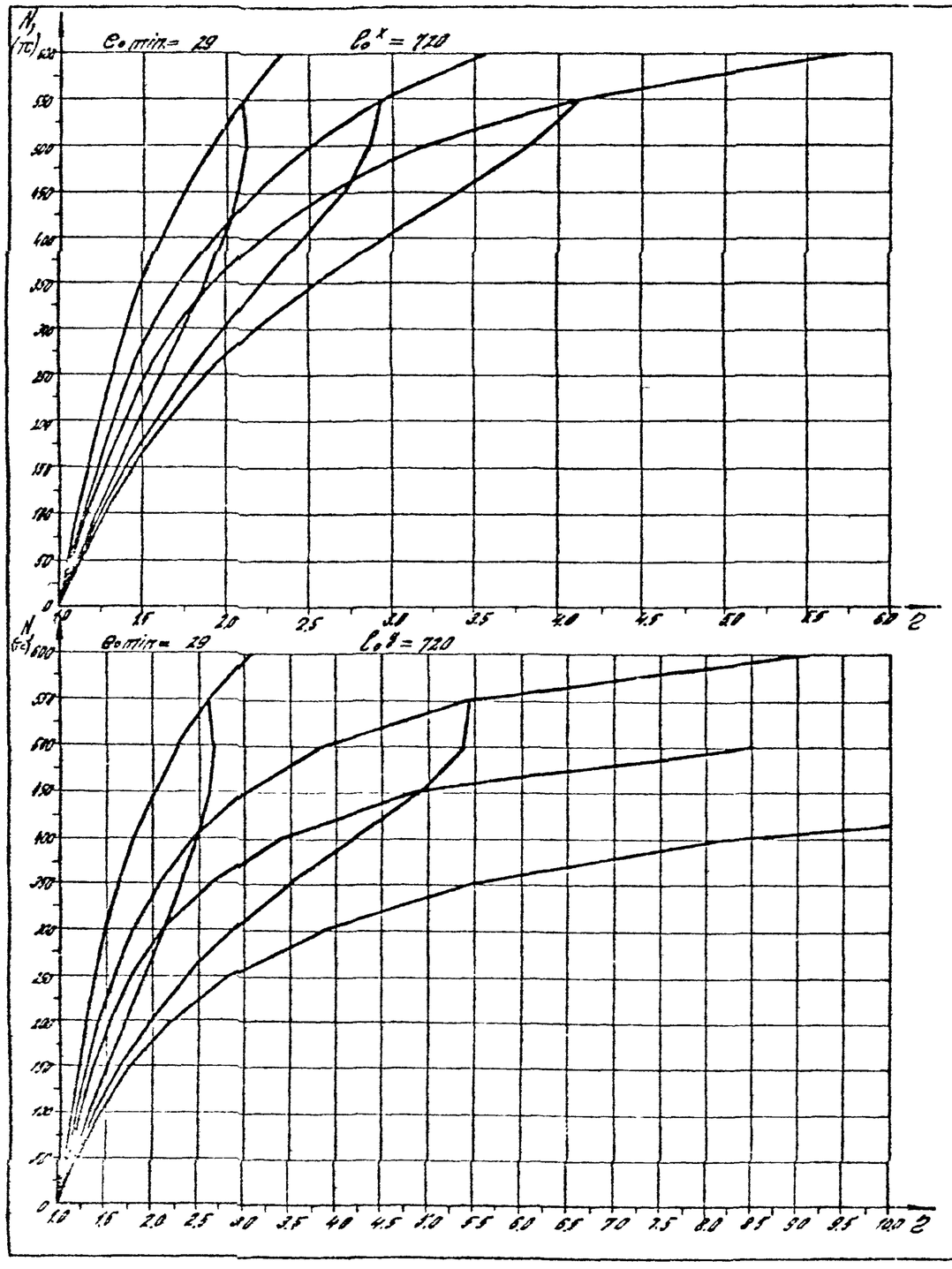
Класс бетона В40 (R_b = 201.6 кгс/см² при учете γ_{b2} = 0,9)



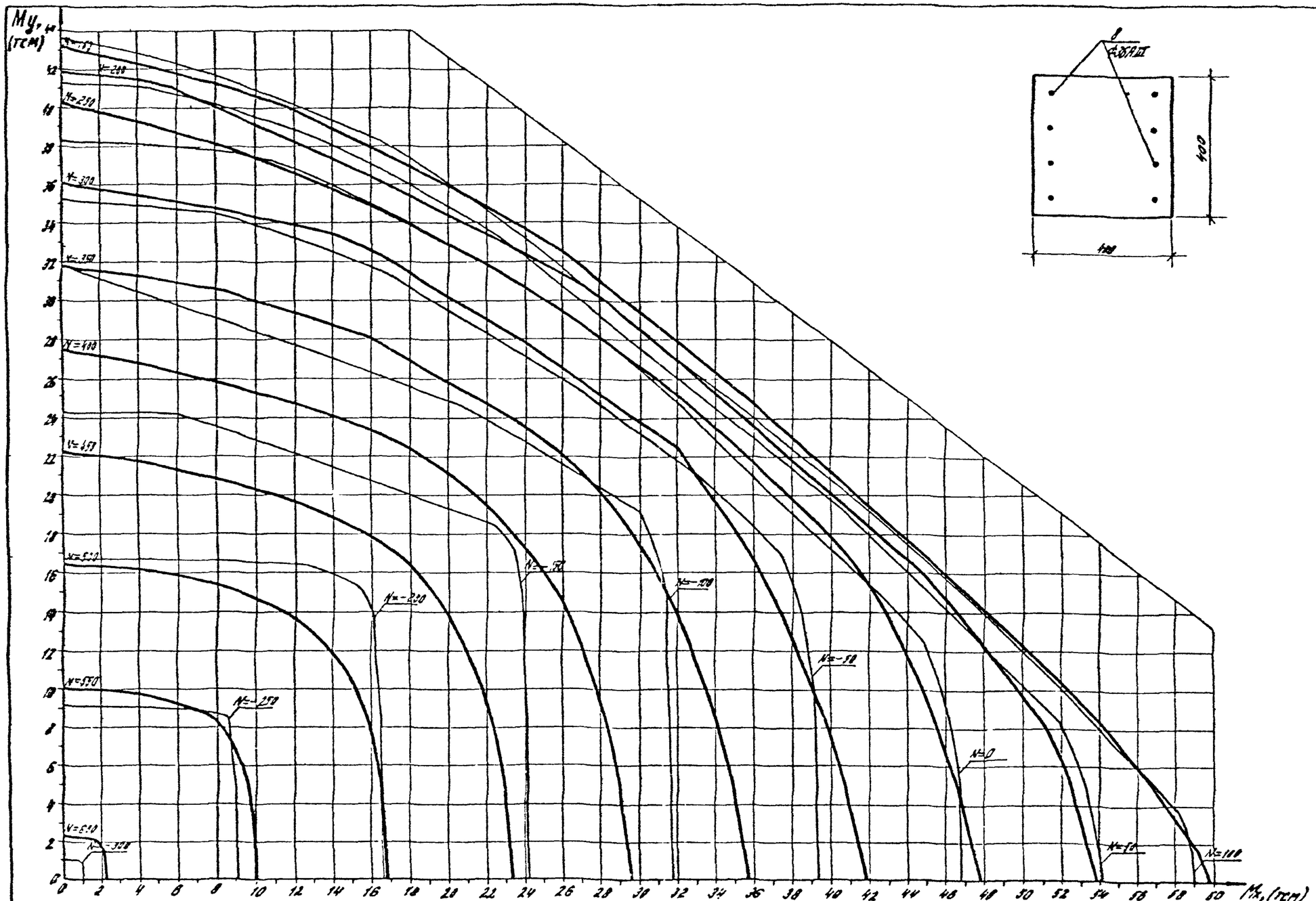


Вх. 32829 л.230


My, (тсм)
Mx, (тсм)
N=200
N=150
N=250
N=300
N=350
N=400
N=450
N=500
N=-150
N=-100
N=-200
N=-50
N=0
N=50
N=100
N=-250
N=-300
N=-350
N=-400
N=-450
N=-500
N=-550
N=-600
N=-650
N=-700
N=-750
N=-800
N=-850
N=-900
N=-950
N=-1000
N=-1050
N=-1100
N=-1150
N=-1200
N=-1250
N=-1300
N=-1350
N=-1400
N=-1450
N=-1500
N=-1550
N=-1600
N=-1650
N=-1700
N=-1750
N=-1800
N=-1850
N=-1900
N=-1950
N=-2000
N=-2050
N=-2100
N=-2150
N=-2200



Вх. 32829 л.232

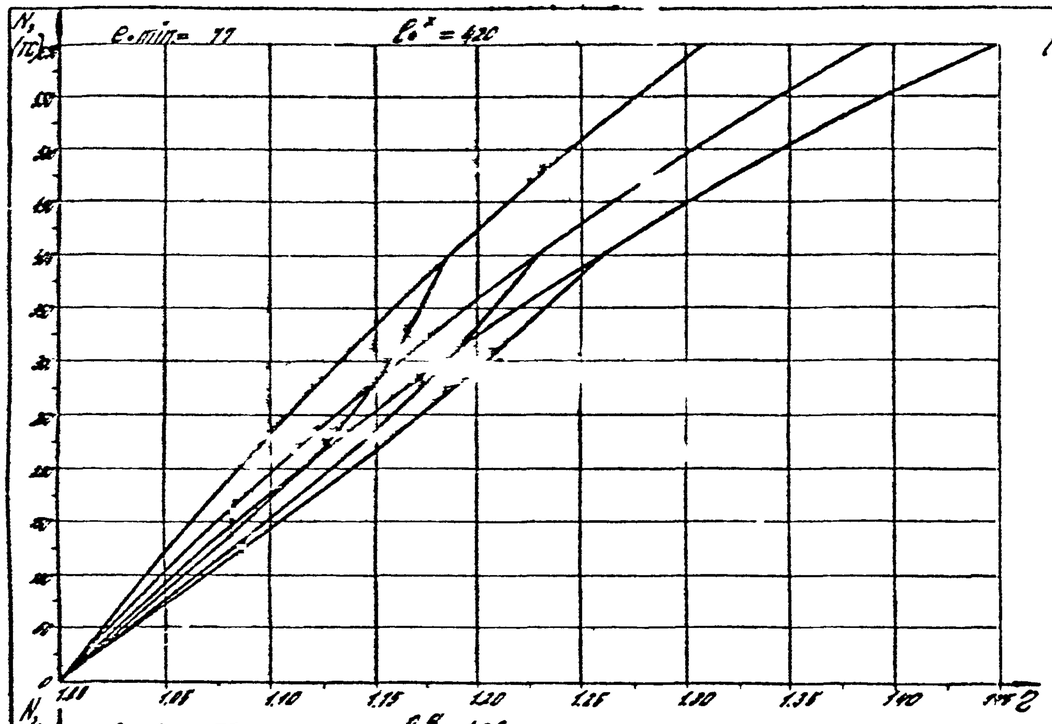


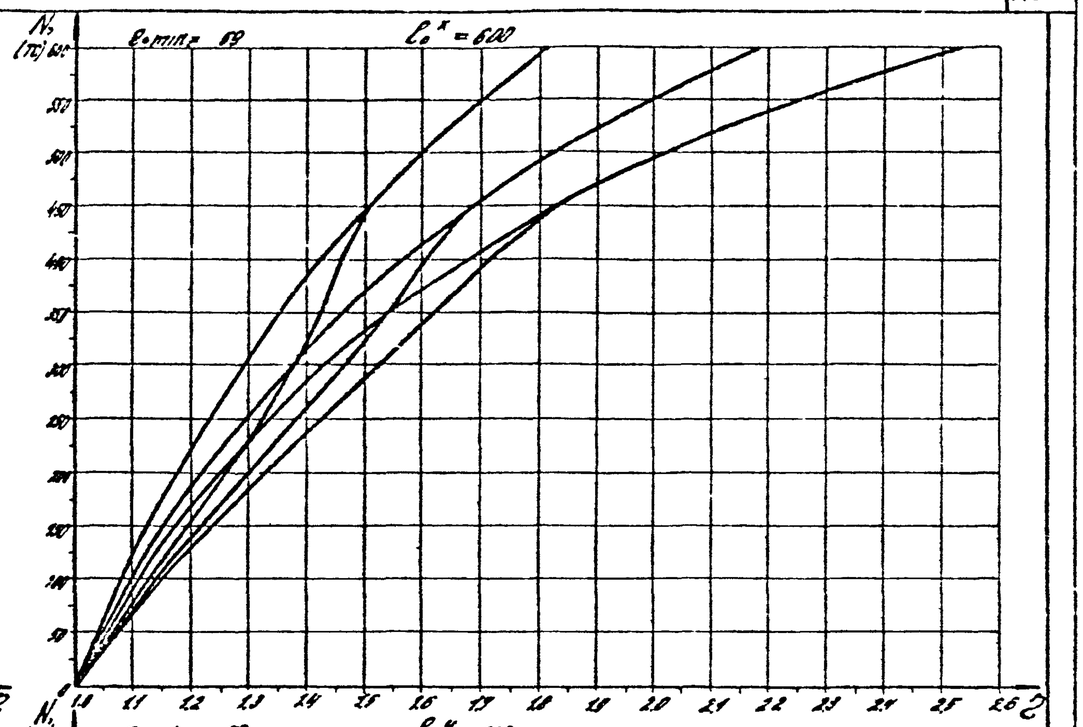
Класс бетона В40 (R_B = 201.6 кгс/см² при учете γ_{B2} = 0,9)

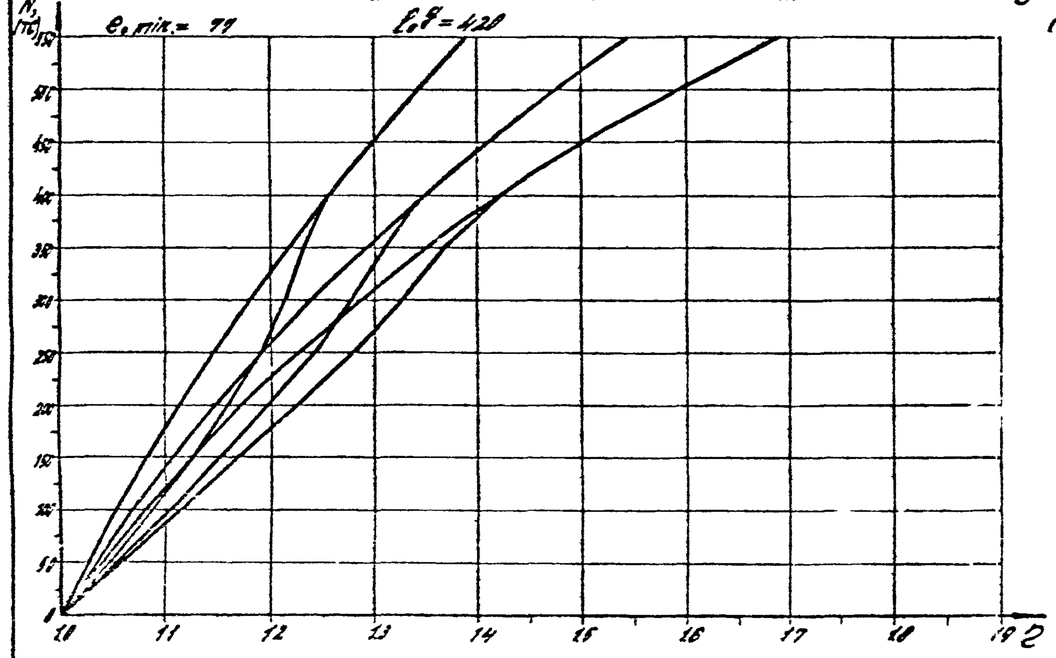
1.020-1/87. 0-6-3ПЗ

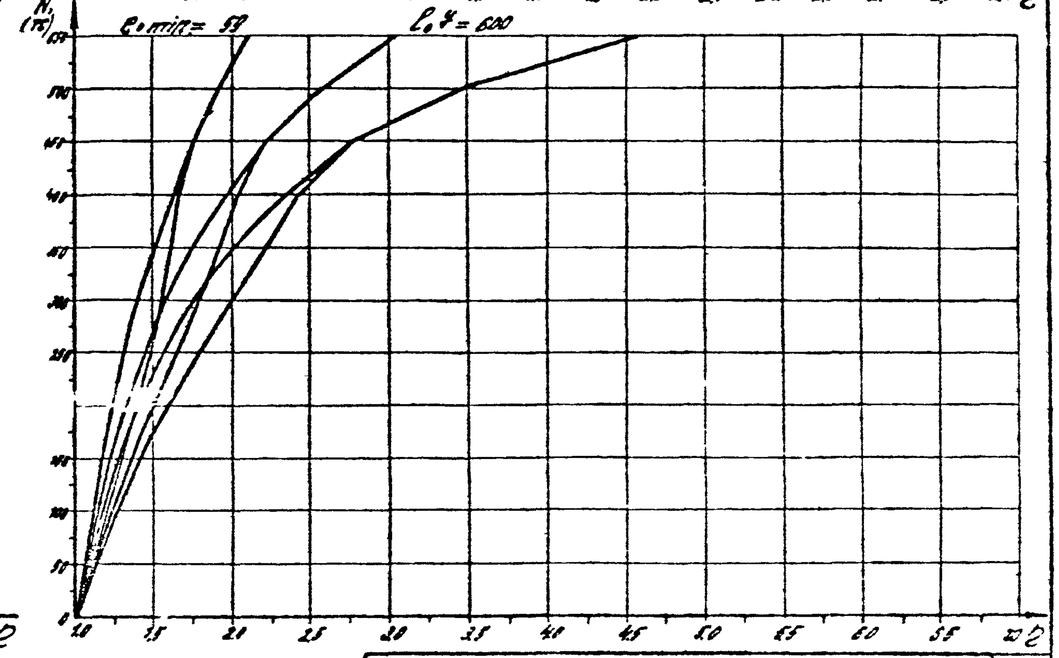
Лист 225

Вх. 32829 л.233



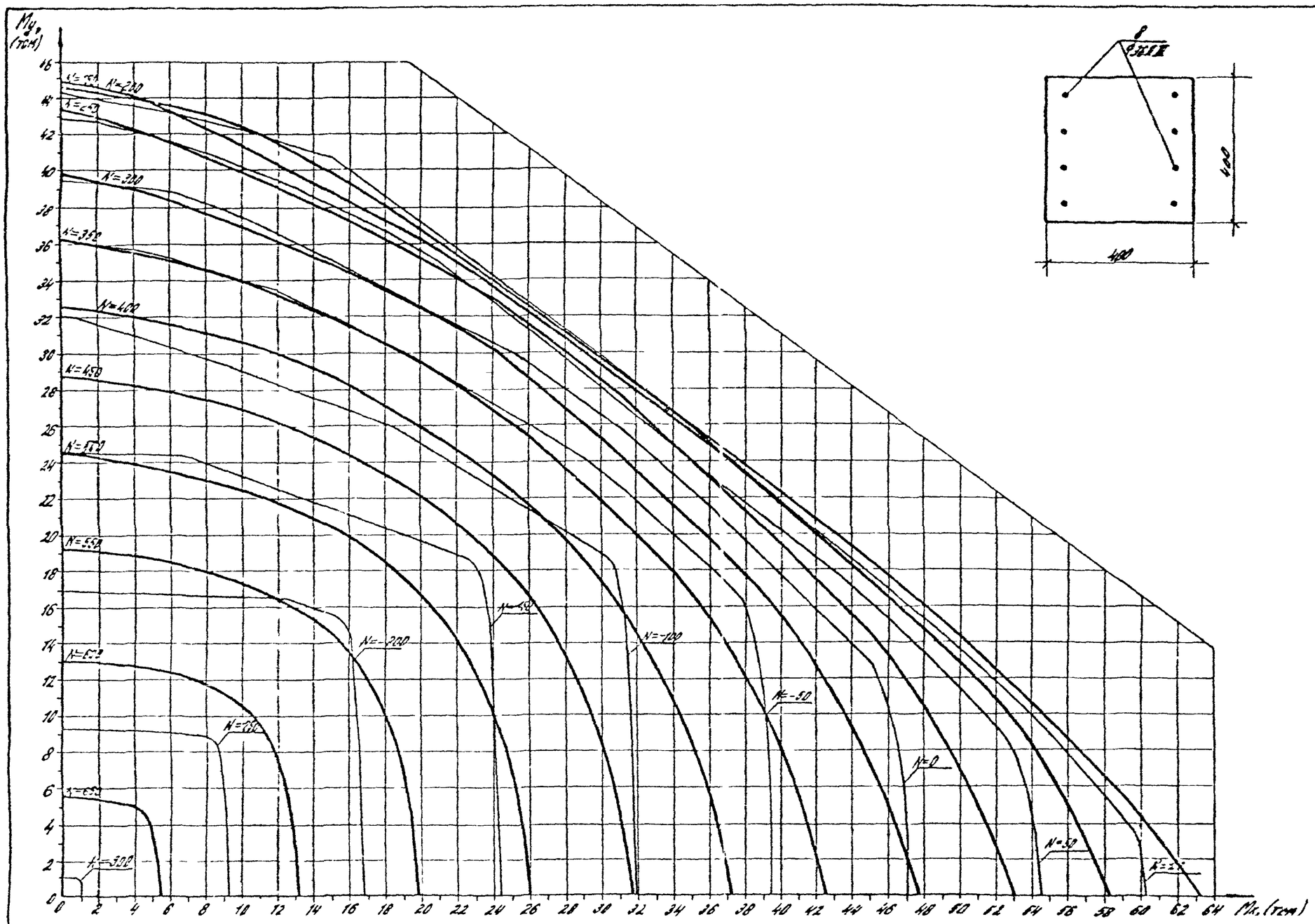




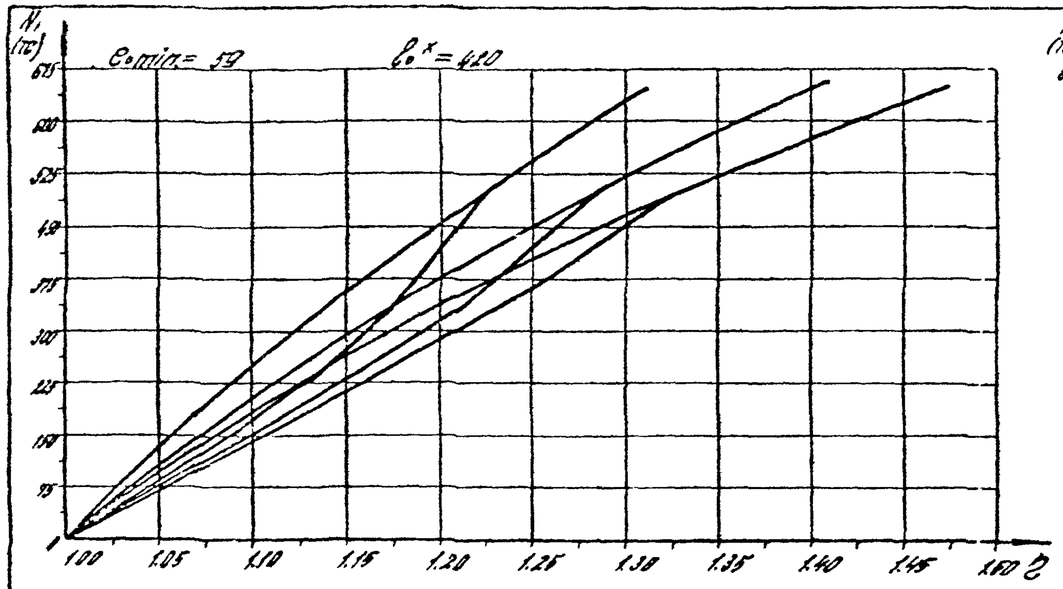


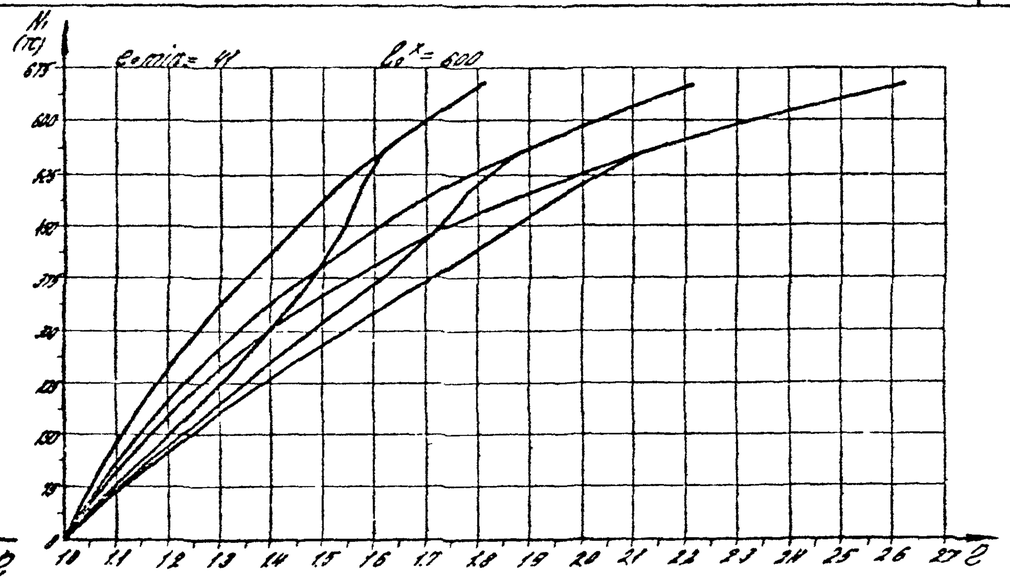
1.020-1/87 0-6 - ЗПЗ	Лист 226

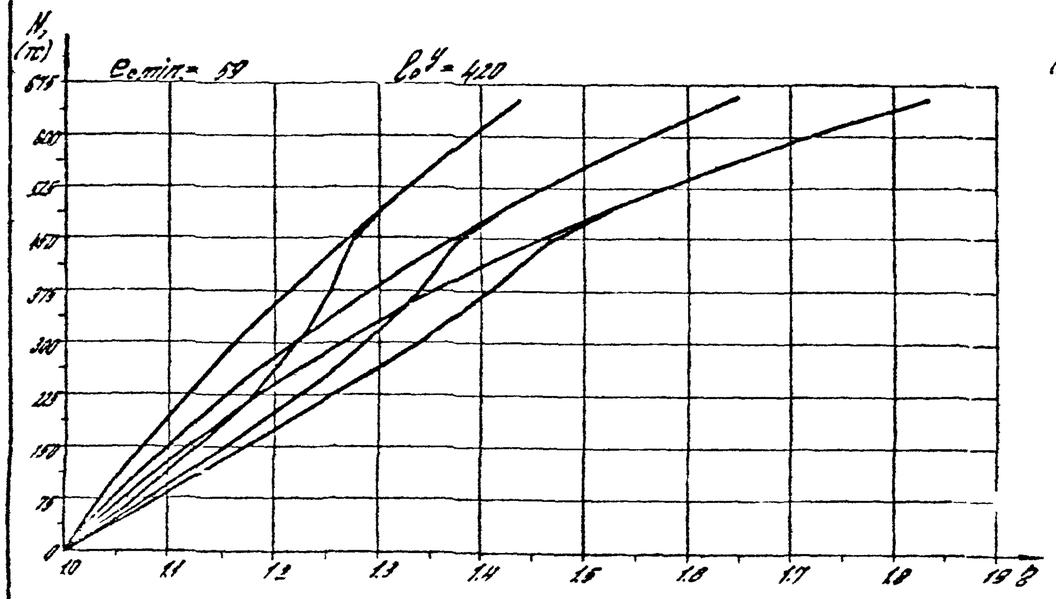
Вх. 32829 л. 234

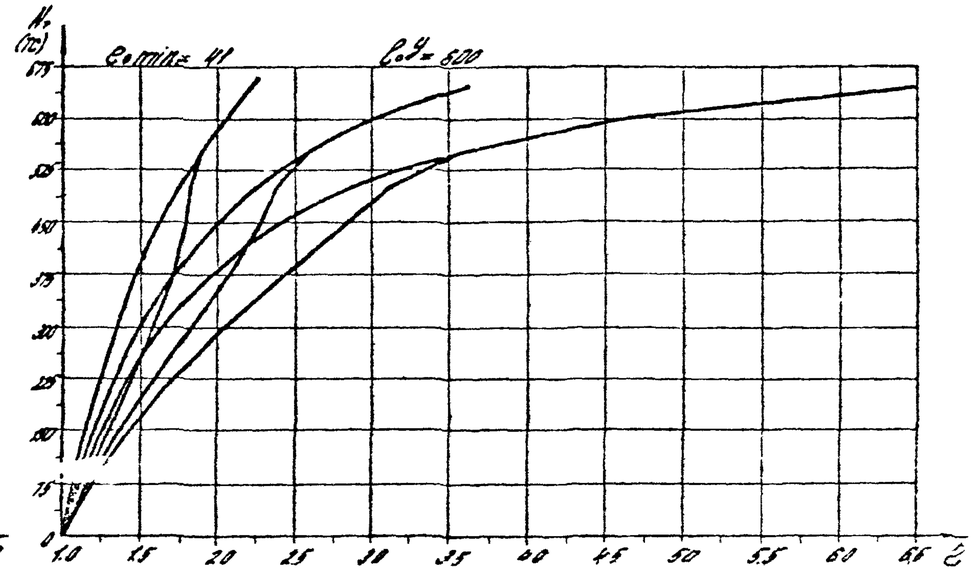


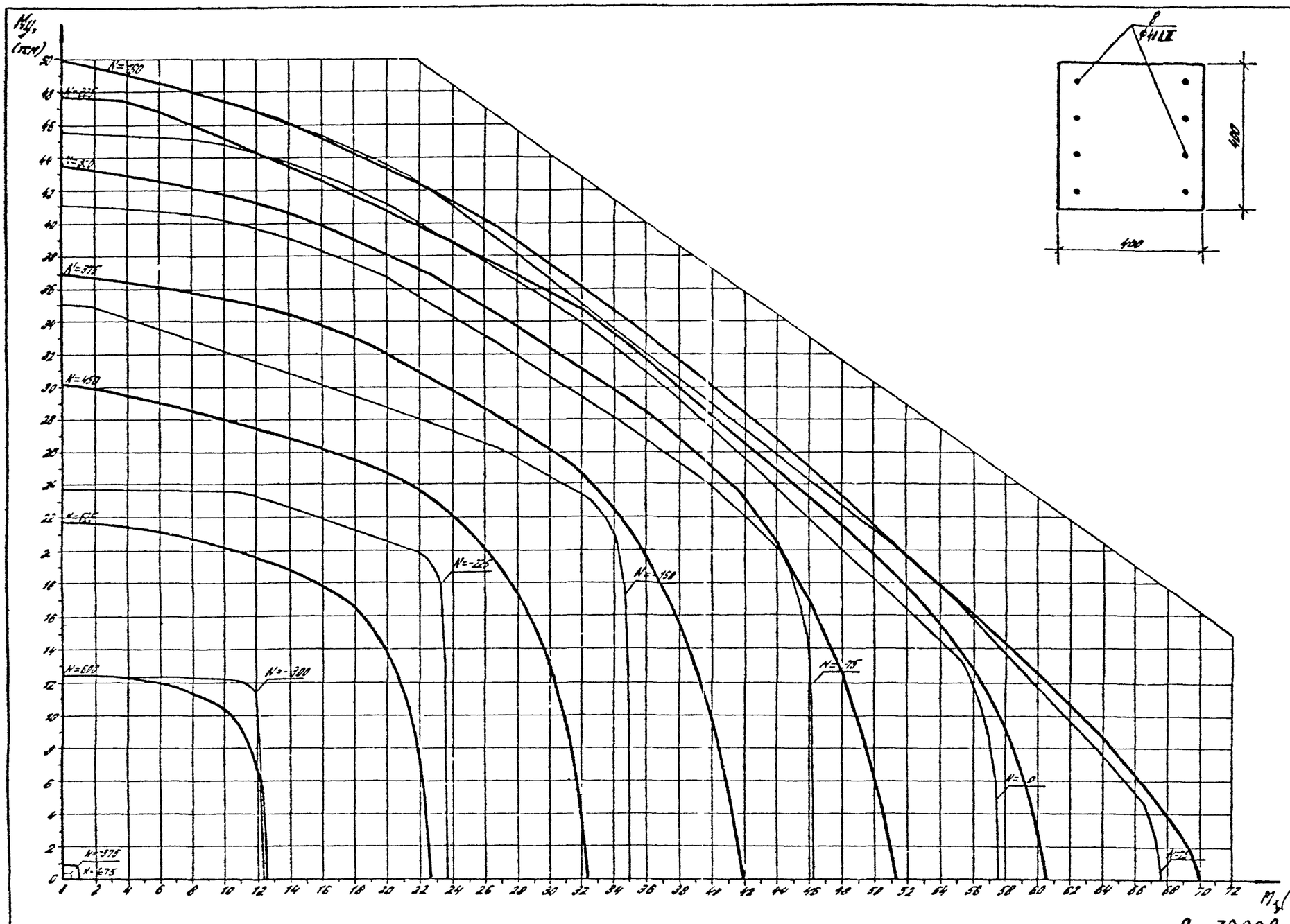
Класс бетона В40 (R_B=246.4 кгс/см^2 при учете γ_{B2}=1.10)


N1 (тс)
e0min= 59
l0x= 420
675
600
525
450
375
300
225
150
75
0
1.00
1.05
1.10
1.15
1.20
1.25
1.30
1.35
1.40
1.45
1.50
e


N1 (тс)
e0min= 41
l0x= 600
675
600
525
450
375
300
225
150
75
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
e

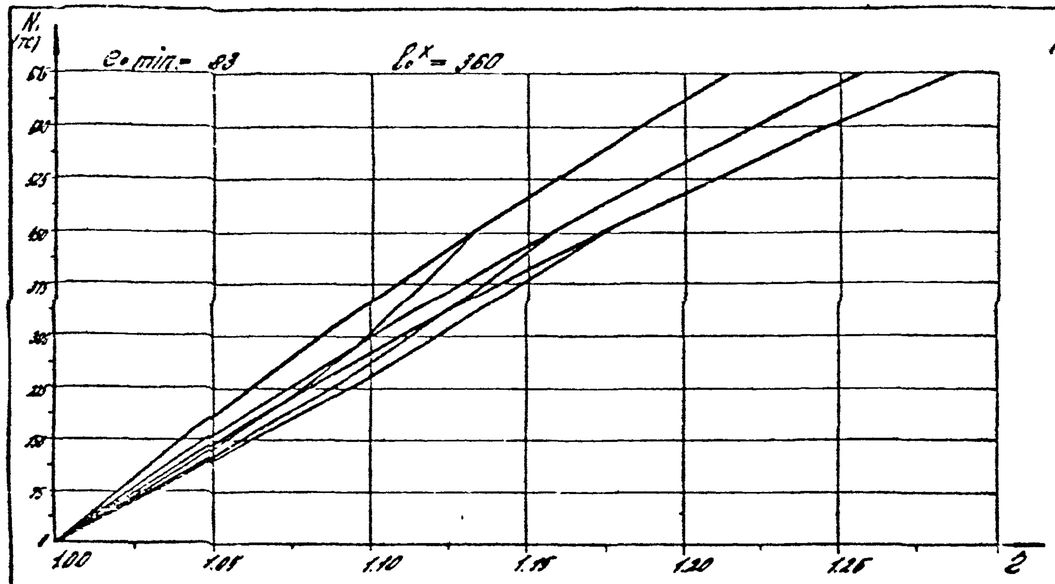

N2 (тс)
e0min= 59
l0y= 420
675
600
525
450
375
300
225
150
75
0
1.0
1.1
1.2
1.3
1.4
1.5
1.6
1.7
1.8
1.9
e

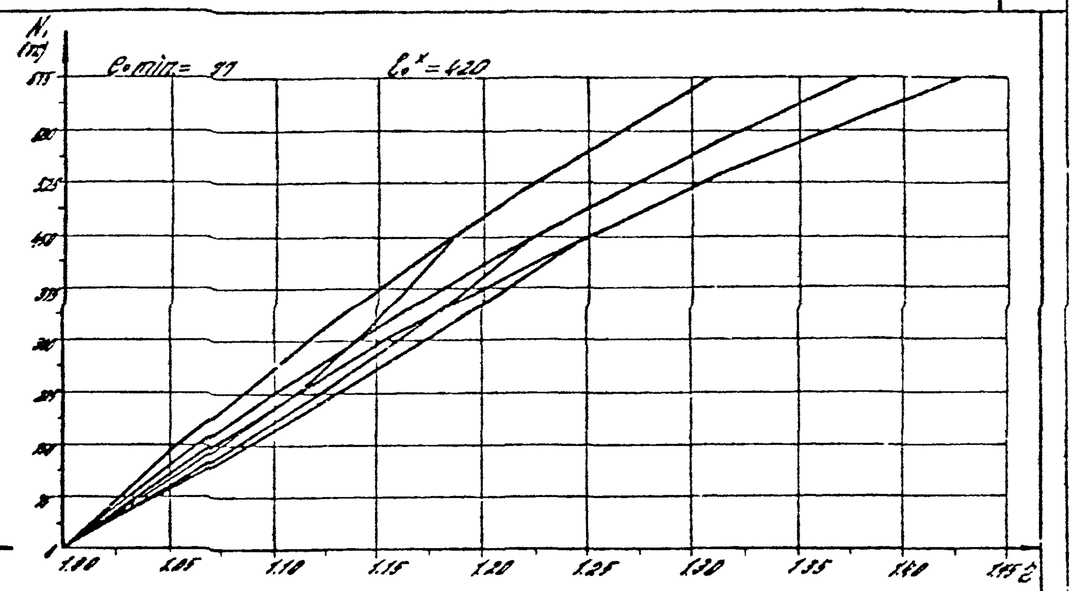

N2 (тс)
e0min= 41
l0y= 600
675
600
525
450
375
300
225
150
75
0
1.0
1.5
2.0
2.5
3.0
3.5
4.0
4.5
5.0
5.5
6.0
6.5
e

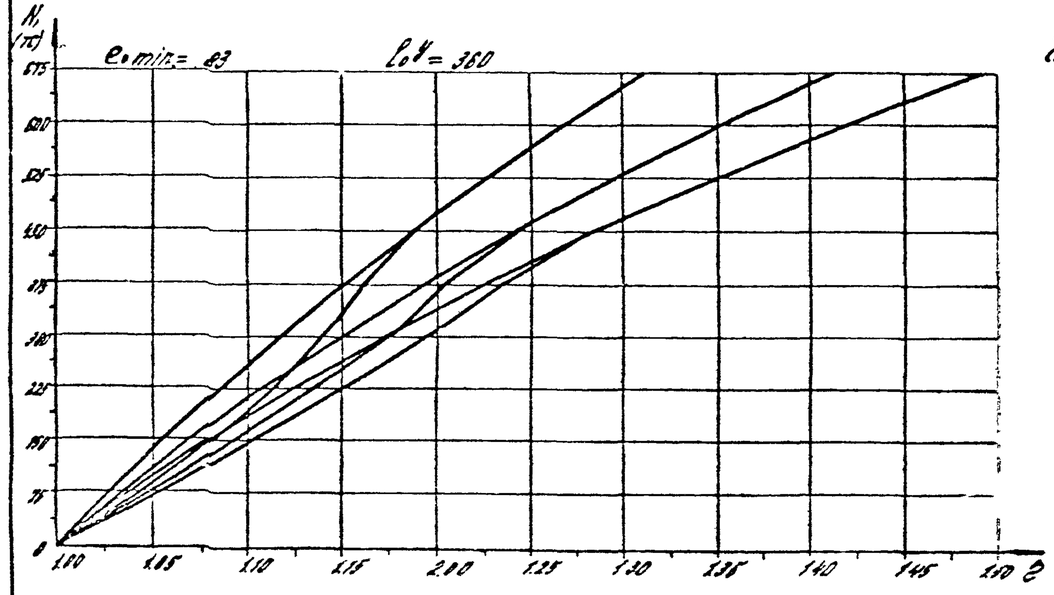


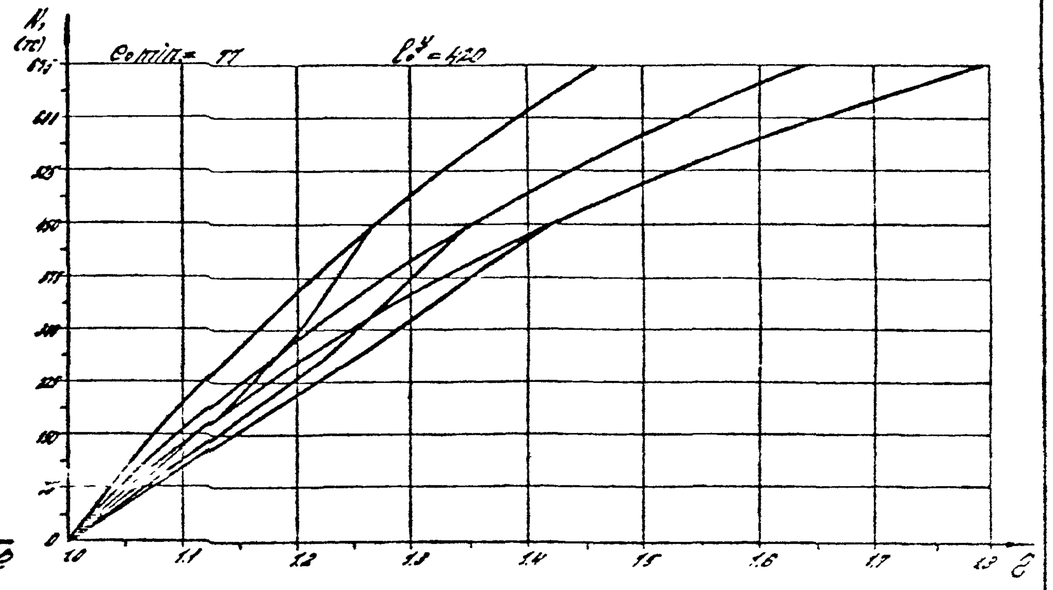
Вх. 32829 л. 237

Класс бетона В40 ($R_в$ = 201,6 кгс/см^2 при учете $\gamma_{в2}$ = 0,9)

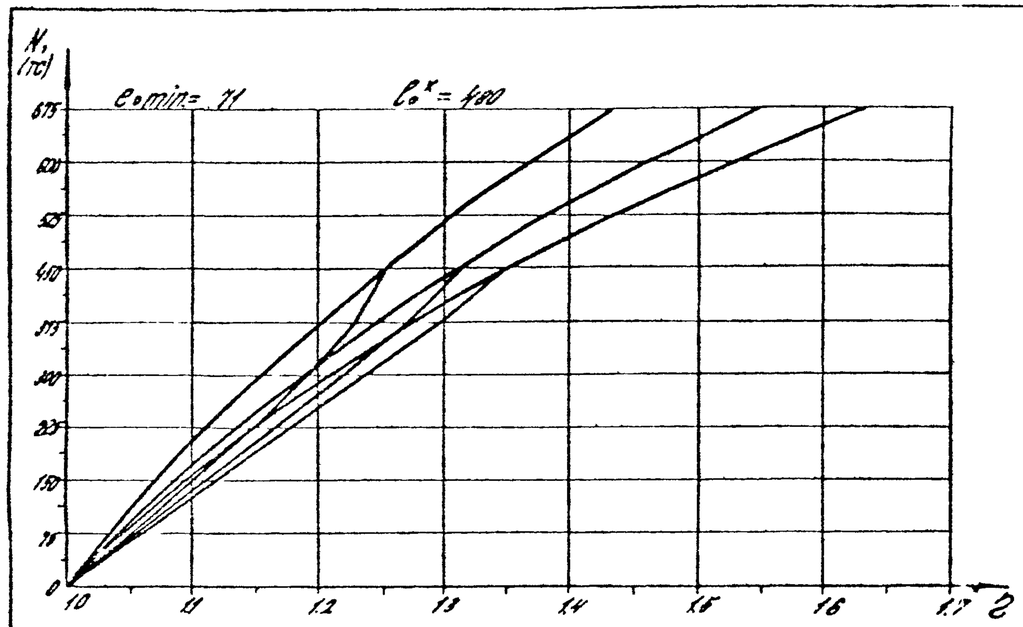


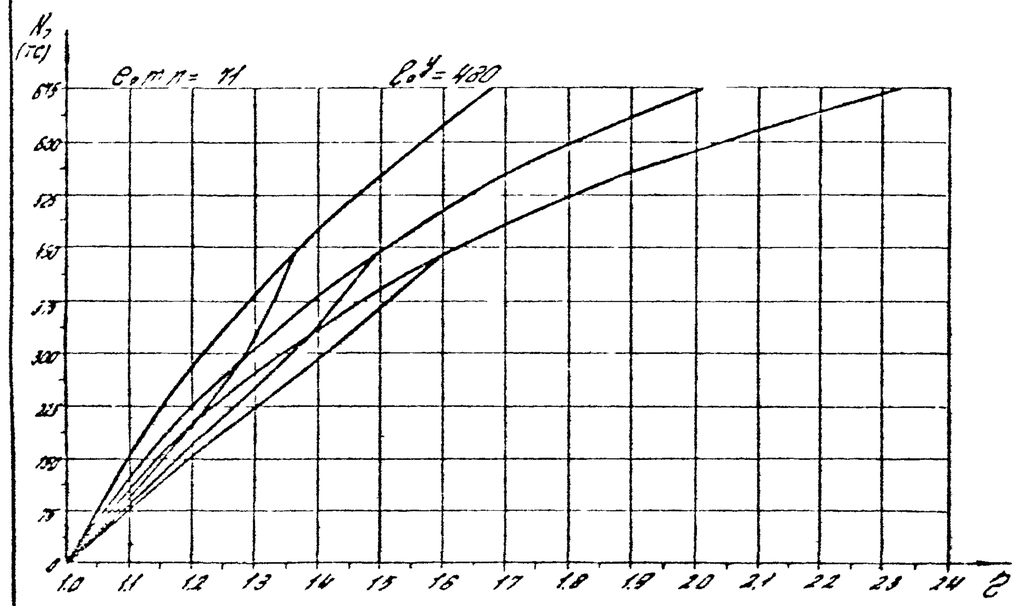


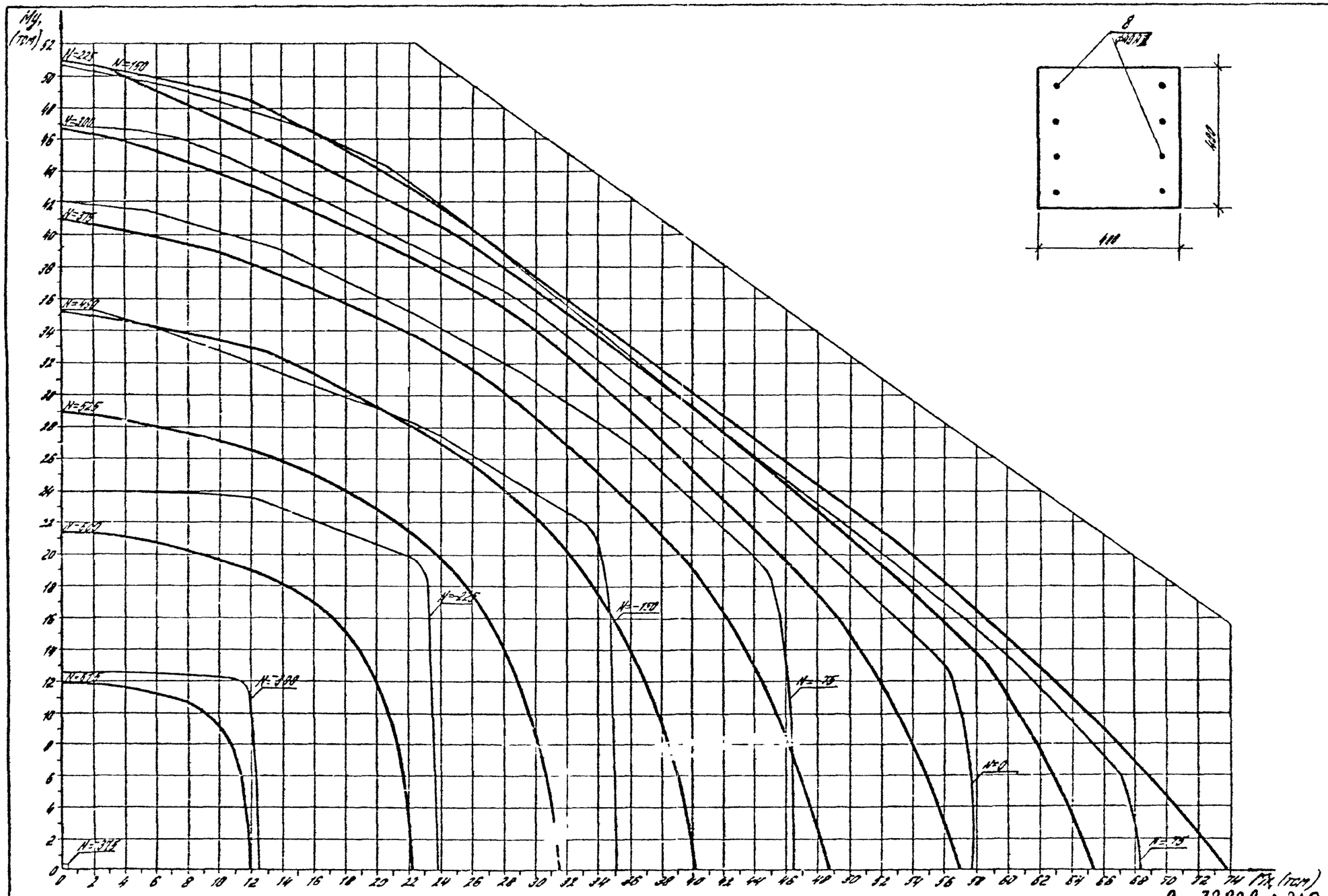




Вк. 32829 л. 238

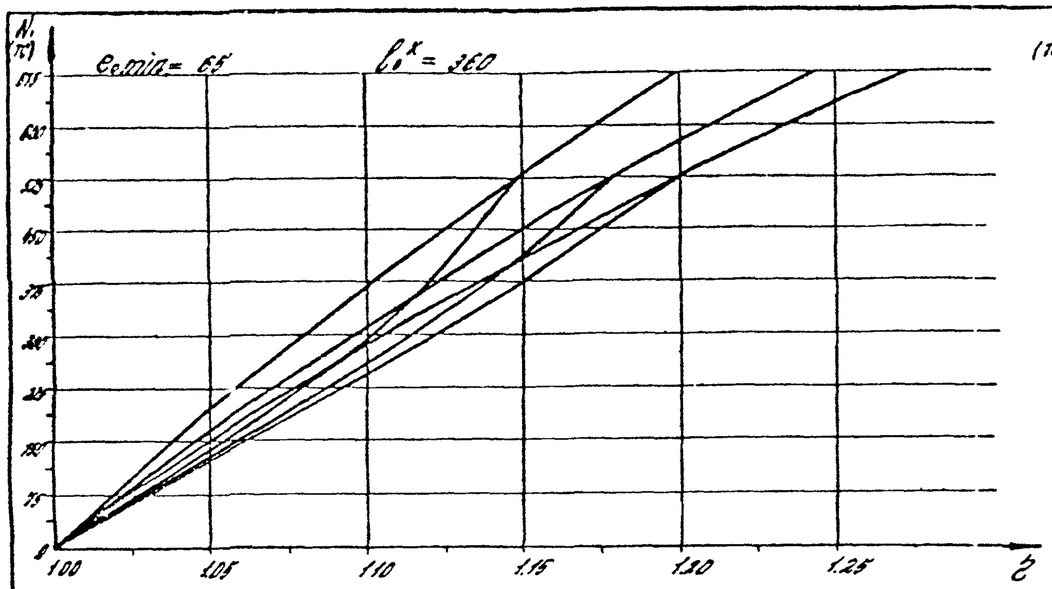

N1 (тс)
e0min= 71
l0x = 480
675
600
525
450
375
300
225
150
75
0
1.0
1.1
1.2
1.3
1.4
1.5
1.6
1.7
e

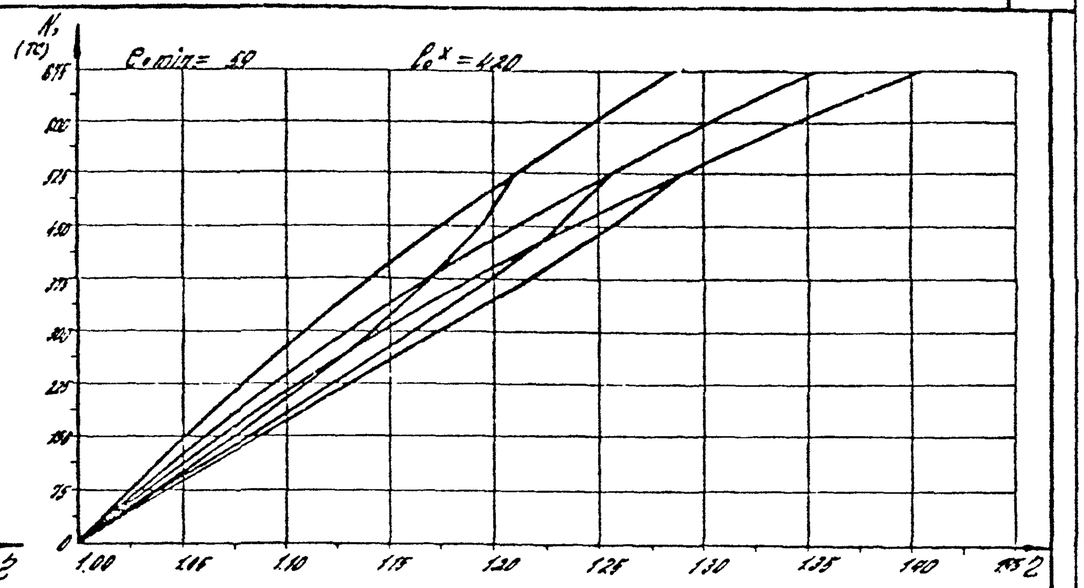

N2 (тс)
e0min= 71
l0y = 480
675
600
525
450
375
300
225
150
75
0
1.0
1.1
1.2
1.3
1.4
1.5
1.6
1.7
1.8
1.9
2.0
2.1
2.2
2.3
2.4
e

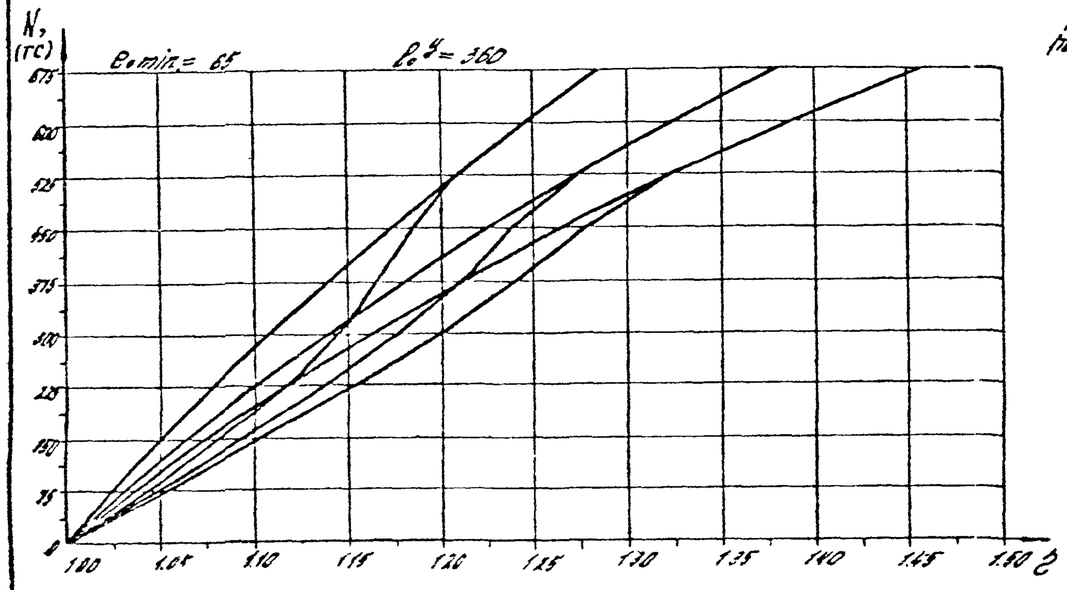


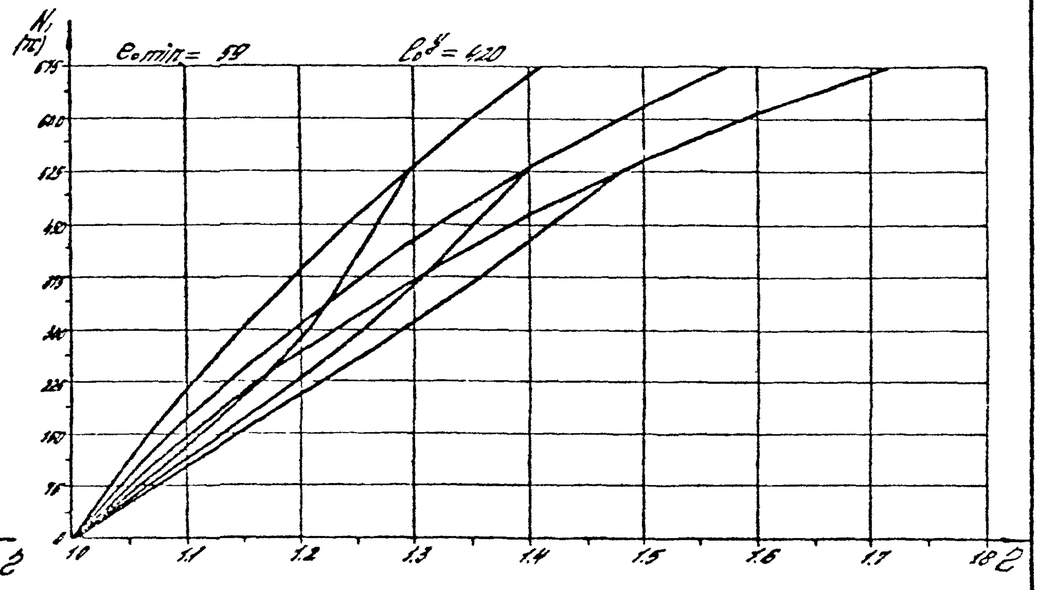
Вх. 32829 л.240

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

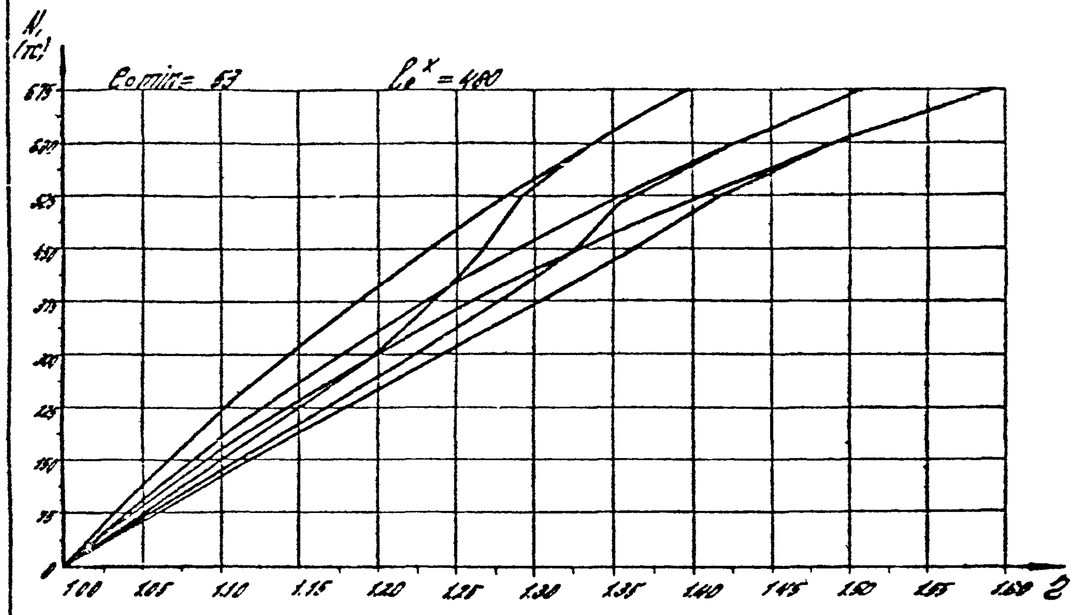


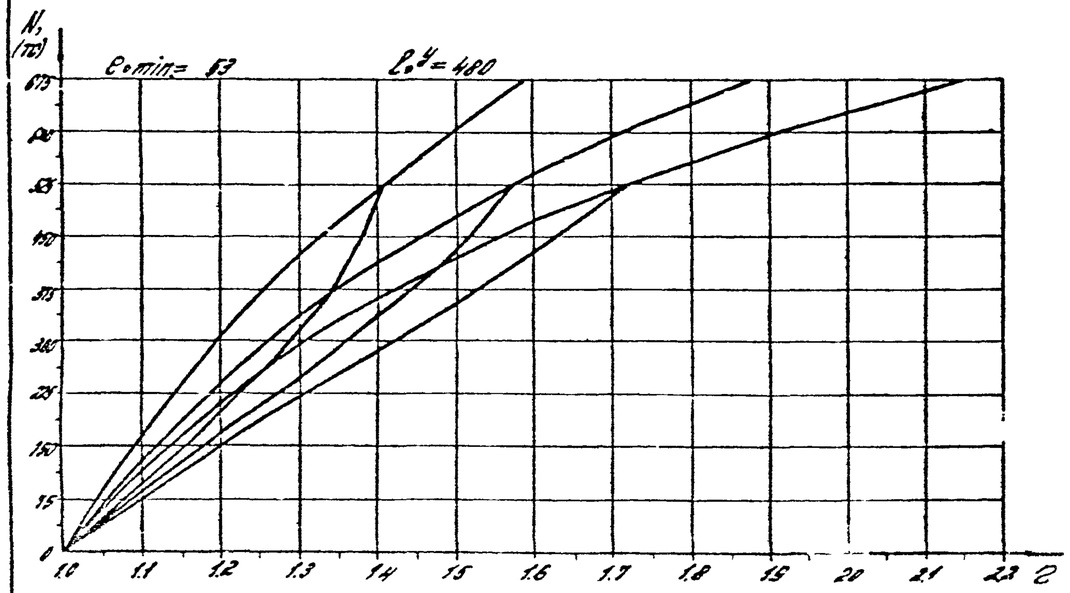




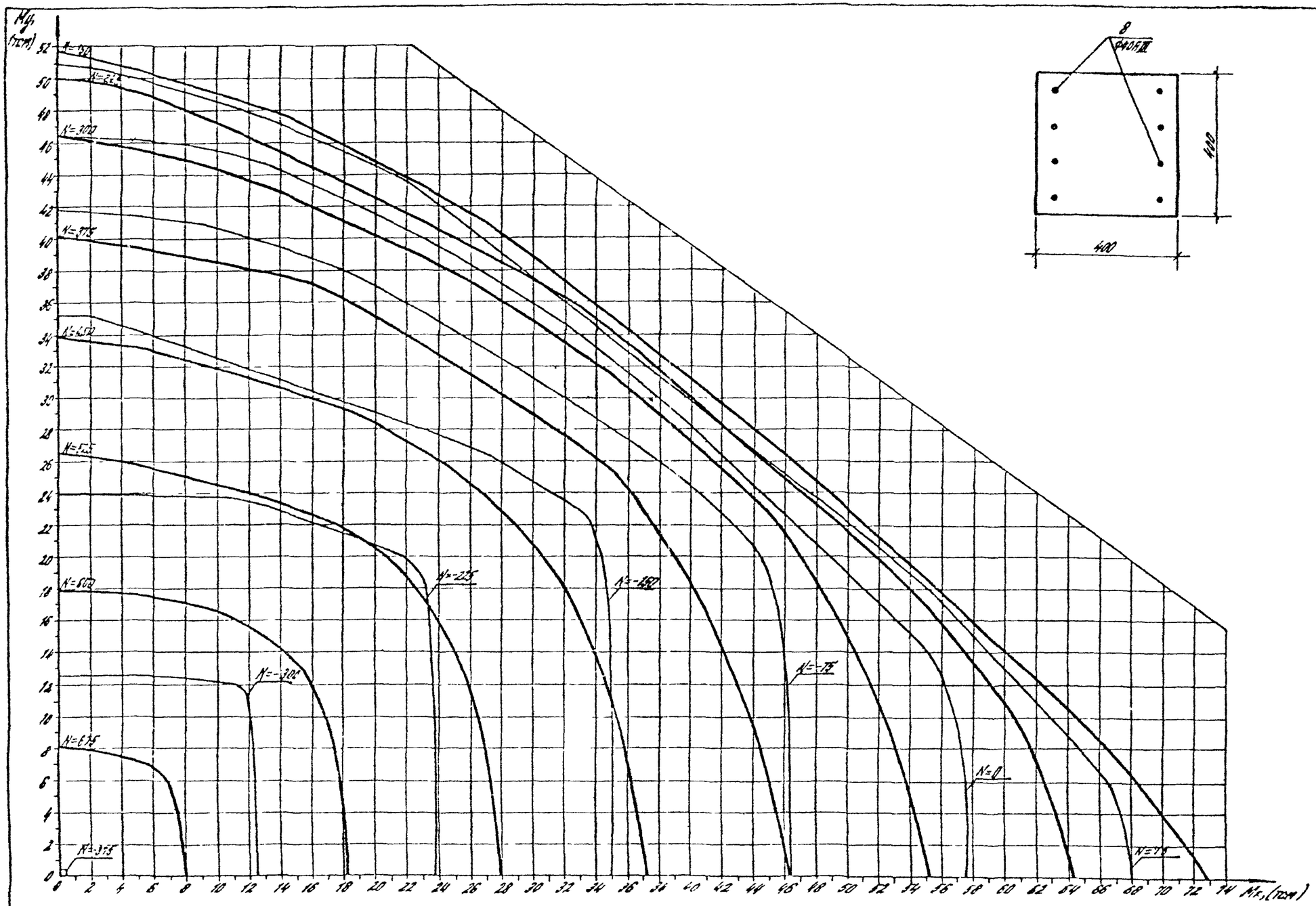


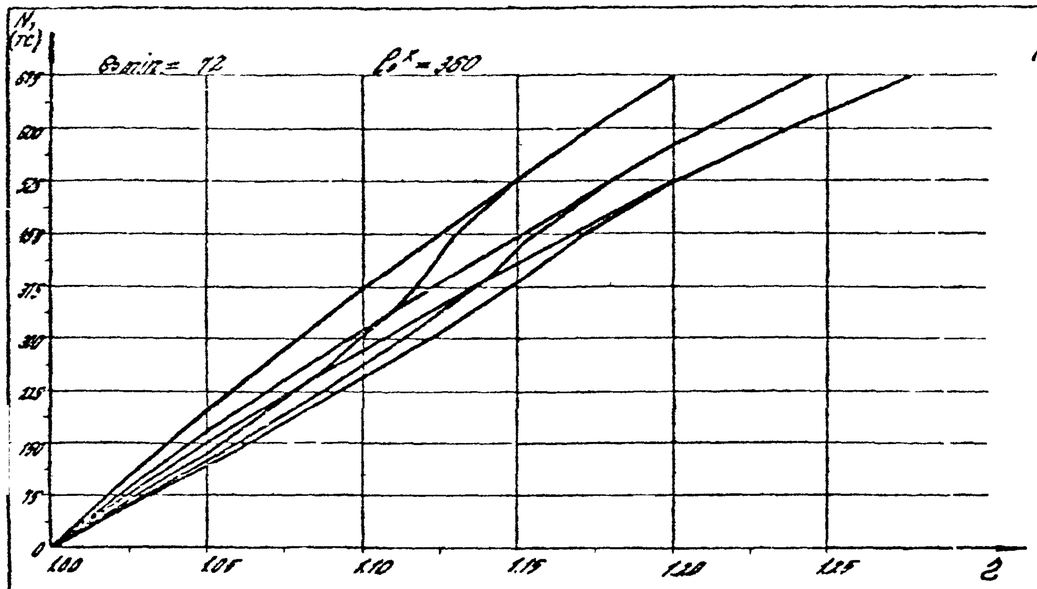
Вх. 32829 л.241

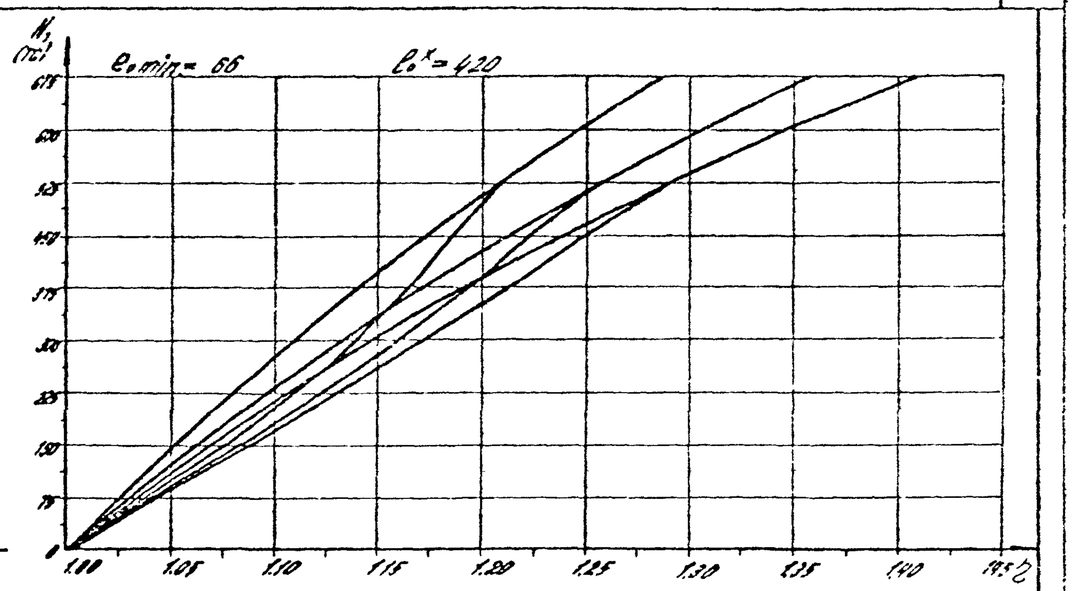


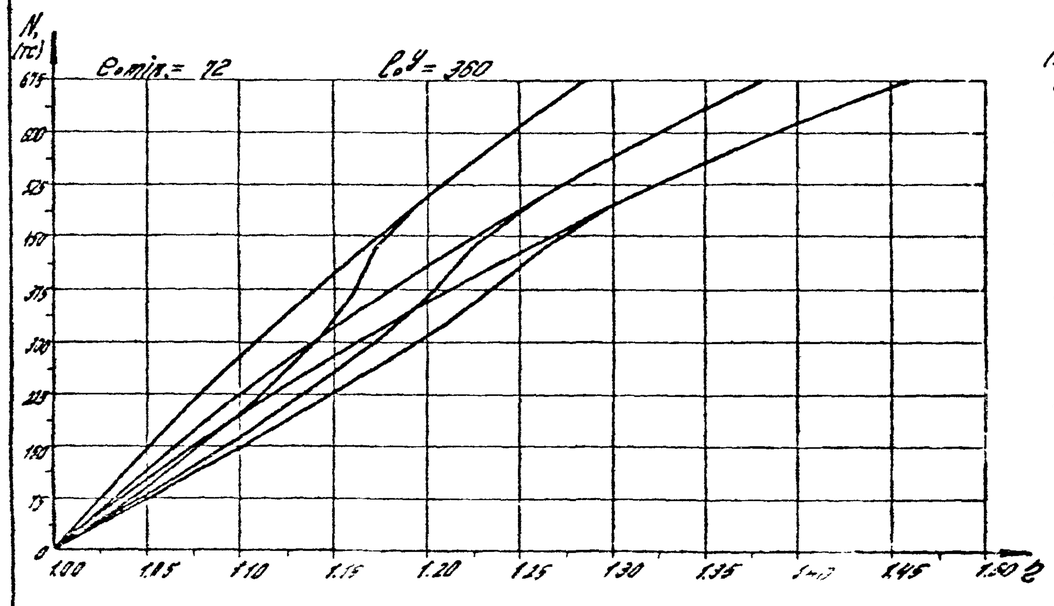


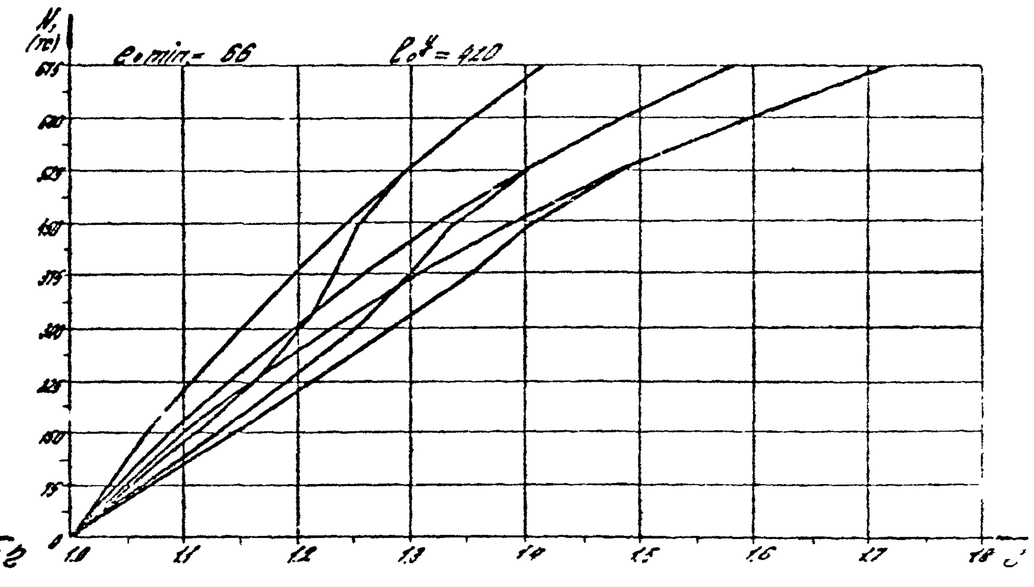
Вх. 32829 л. 242

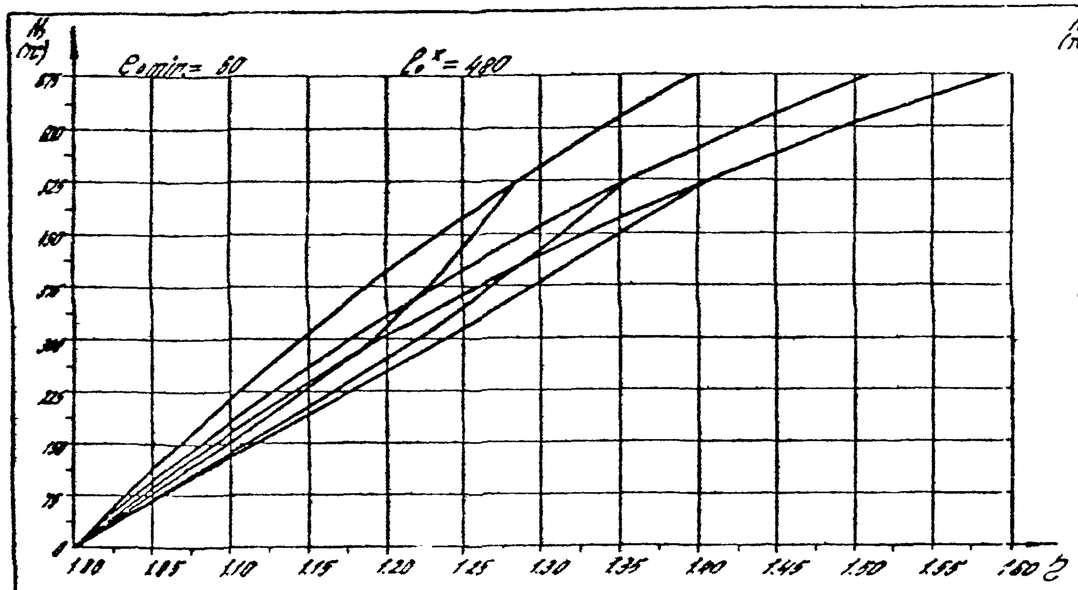

My (тсм)
Mx (тсм)
N=-375
N=-300
N=-225
N=-150
N=-75
N=0
N=75
N=150
N=225
N=300
N=375
N=450
N=525
N=600
N=675
N=750
N=825
N=900
N=975
N=1050
N=1125
N=1200
N=1275
N=1350
N=1425
N=1500
N=1575
N=1650
N=1725
N=1800
N=1875
N=1950
N=2025
N=2100
N=2175
N=2250
N=2325
N=2400
N=2475
N=2550
N=2625
N=2700
N=2775
N=2850
N=2925

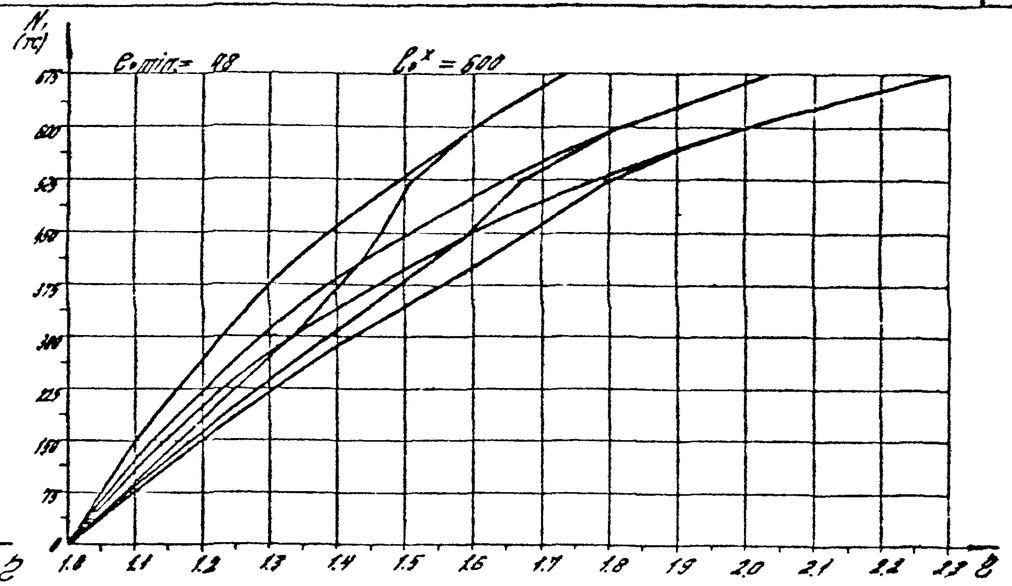

N, (тс)
$e_0 min = 72$
$l_0^x = 360$
675
600
525
450
375
300
225
150
75
0
1.00
1.05
1.10
1.15
1.20
1.25
ξ

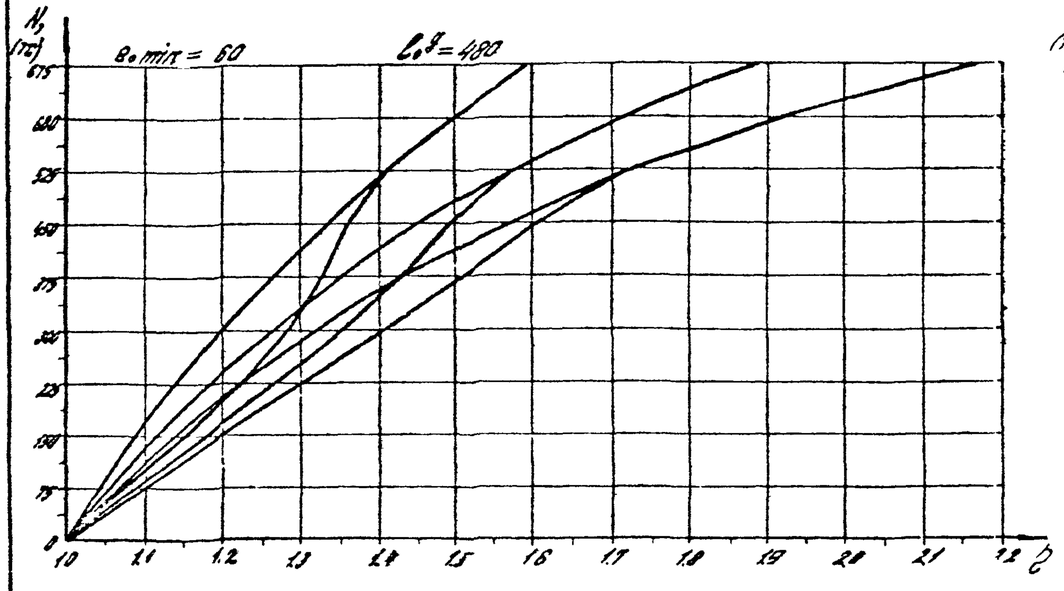

N, (тс)
$e_0 min = 66$
$l_0^x = 420$
675
600
525
450
375
300
225
150
75
0
1.00
1.05
1.10
1.15
1.20
1.25
1.30
1.35
1.40
1.45
ξ

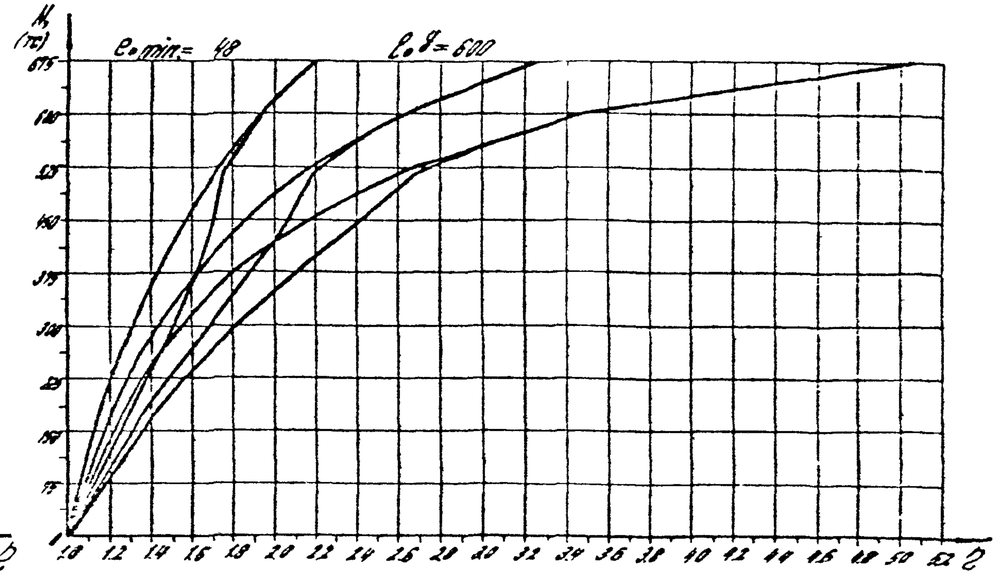

N, (тс)
$e_0 min = 72$
$l_0^y = 360$
675
600
525
450
375
300
225
150
75
0
1.00
1.05
1.10
1.15
1.20
1.25
1.30
1.35
1.45
1.50
ξ


N, (тс)
$e_0 min = 66$
$l_0^y = 420$
675
600
525
450
375
300
225
150
75
0
1.0
1.1
1.2
1.3
1.4
1.5
1.6
1.7
1.8
ξ

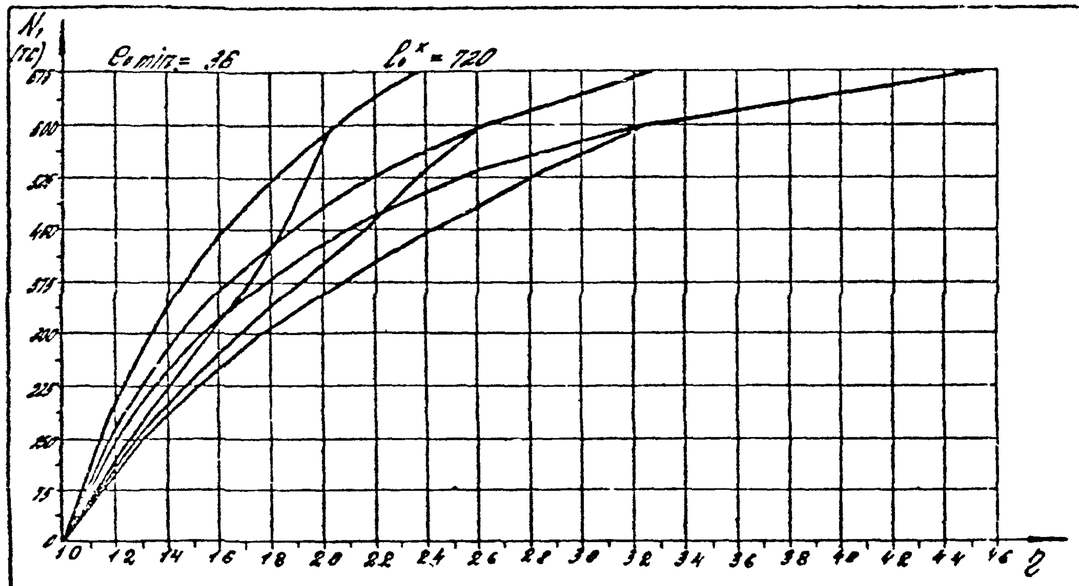


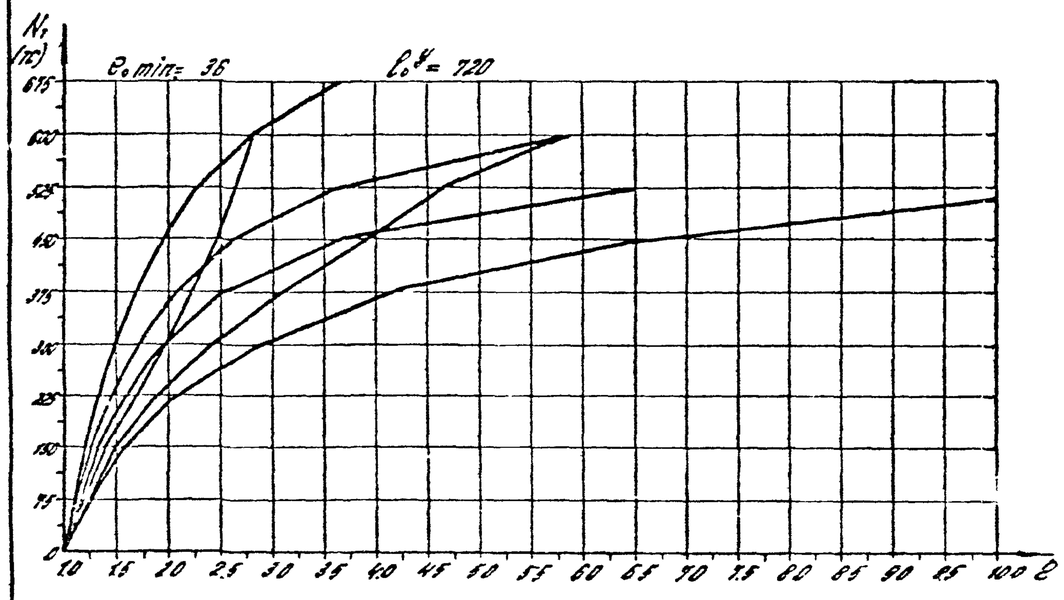


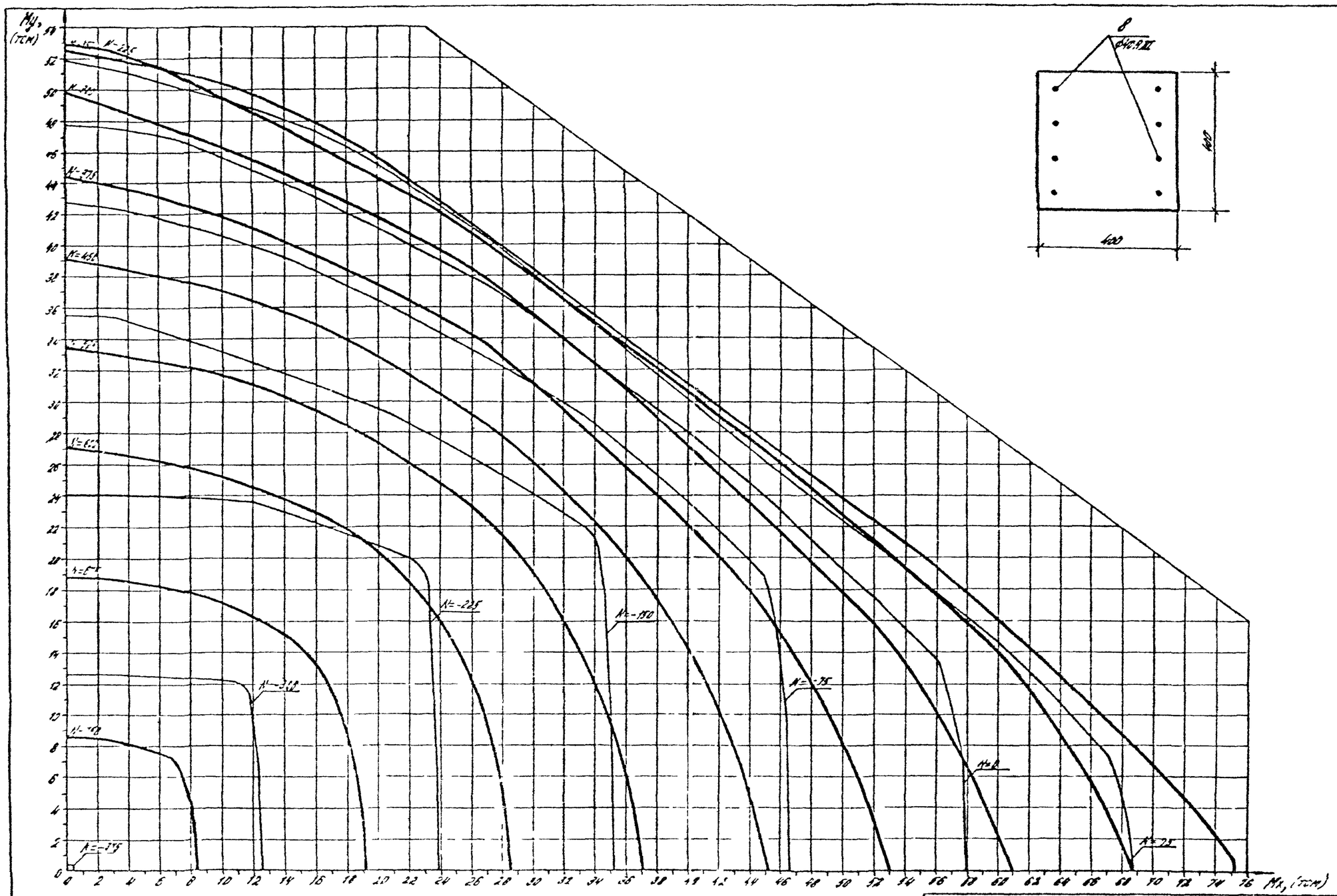




Вх. 32829 л. 245


N_1 (тс)
$e_0 min = 36$
$l_0^x = 720$
0
75
150
225
300
375
450
525
600
675
10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 l


N_1 (тс)
$e_0 min = 36$
$l_0^y = 720$
0
75
150
225
300
375
450
525
600
675
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 l

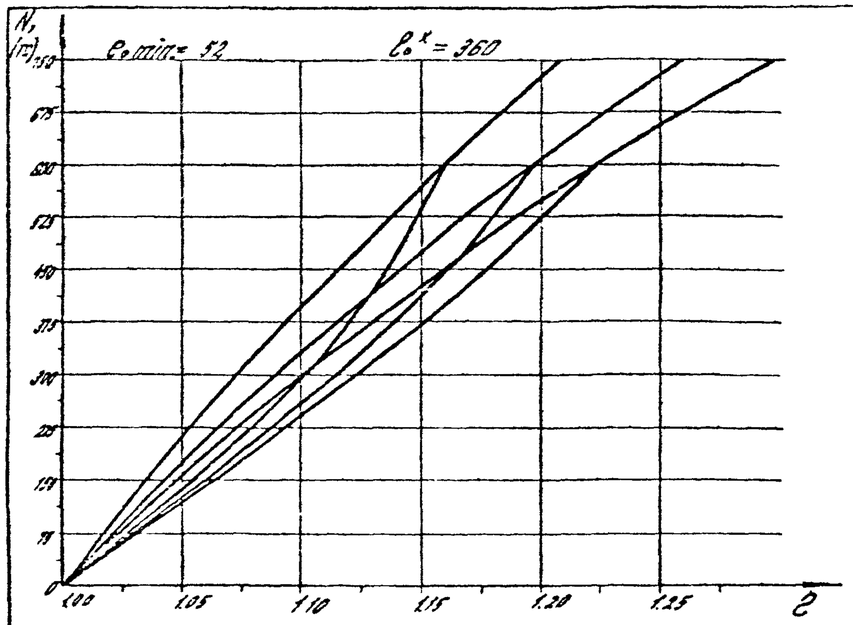


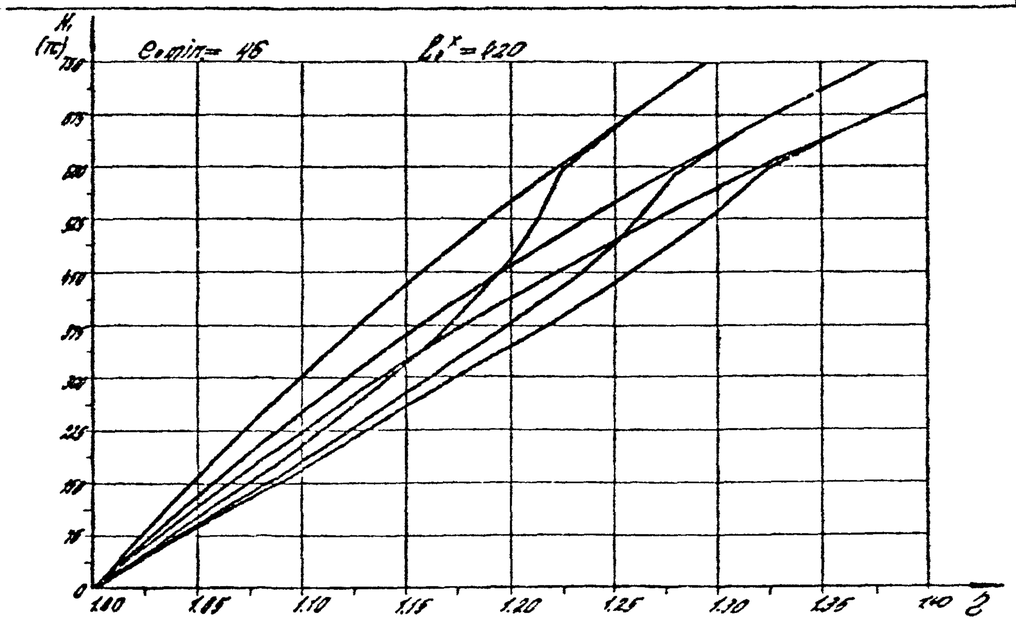
Колонна 645 (R_b=280 кгс/см² при γ$_{b2}$=1,0)

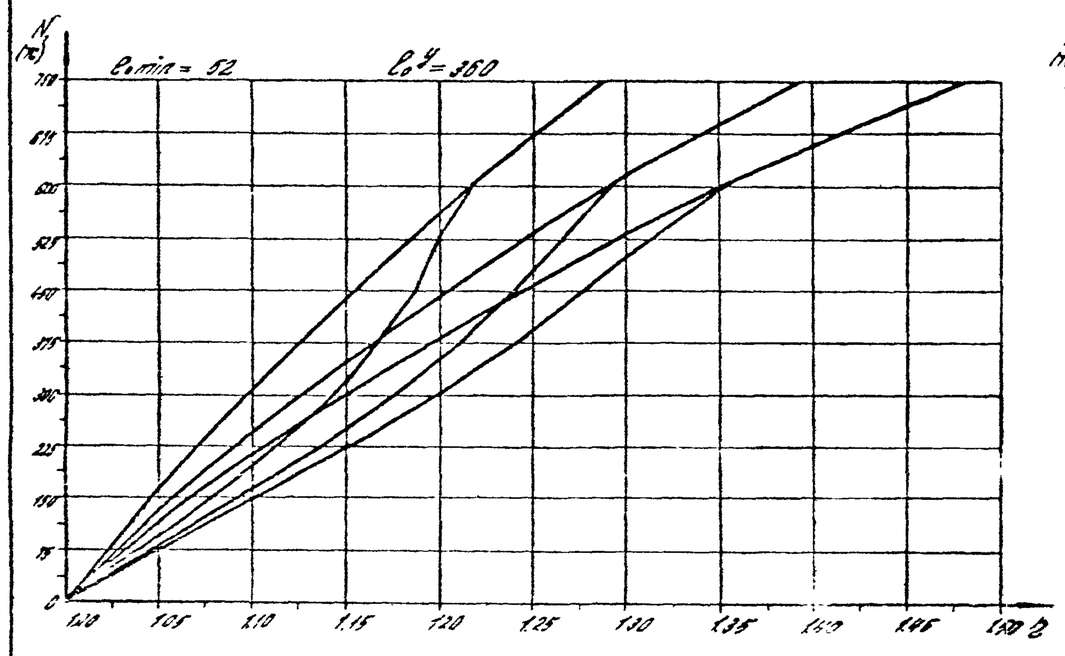
1.020-1/87.0-6-3 ПЗ

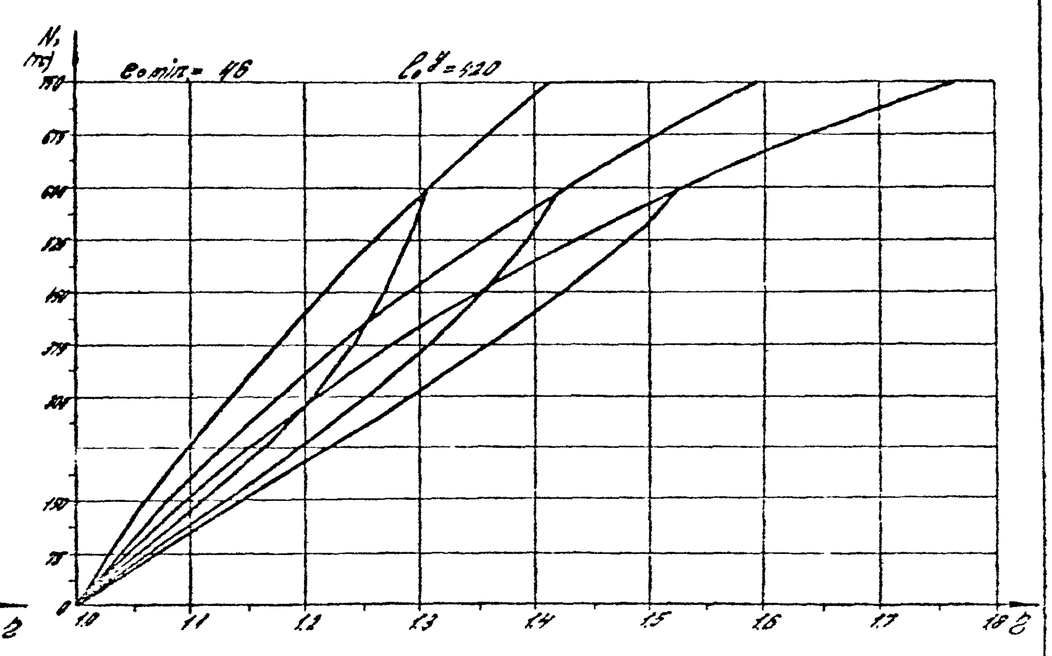
Лист 239

Вх. 32823 л. 247

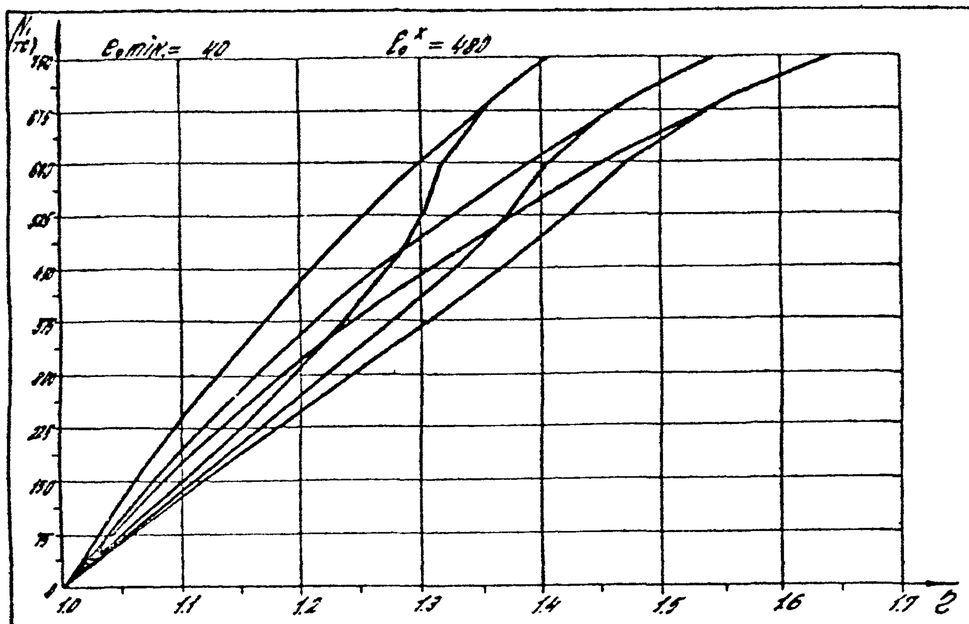


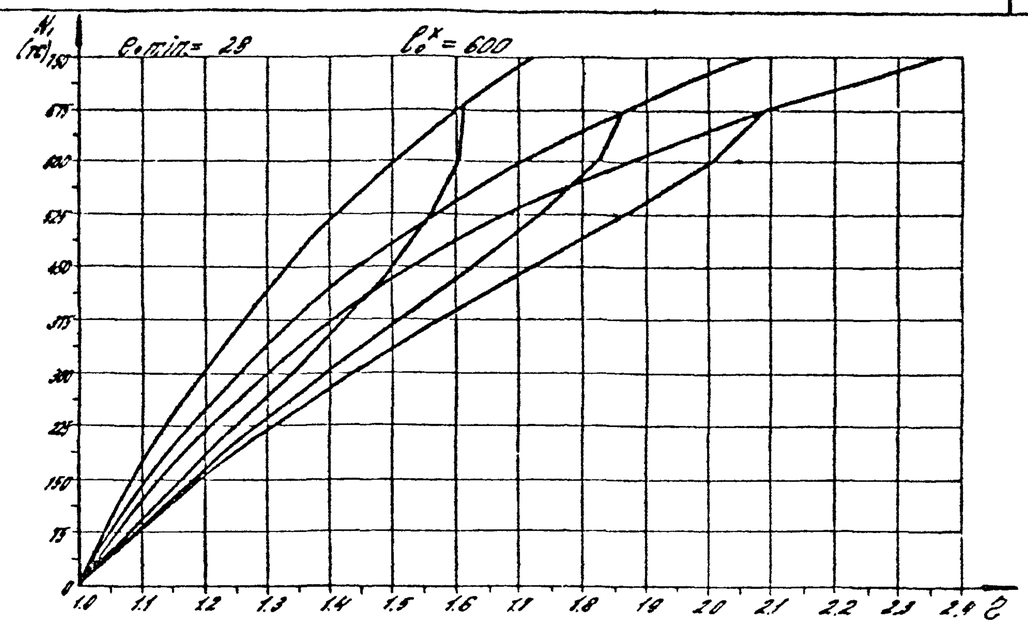


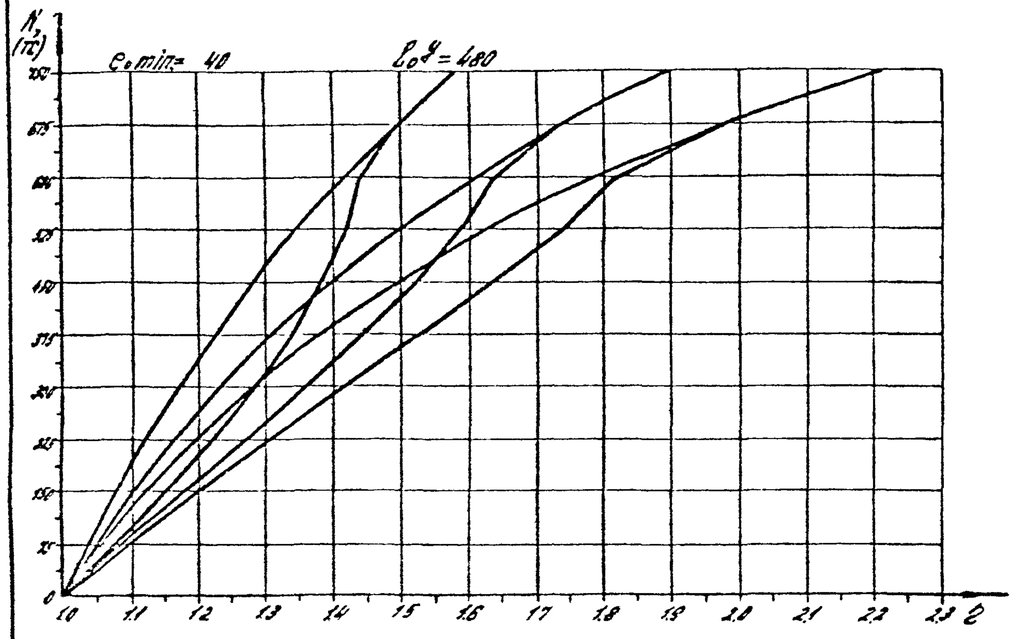


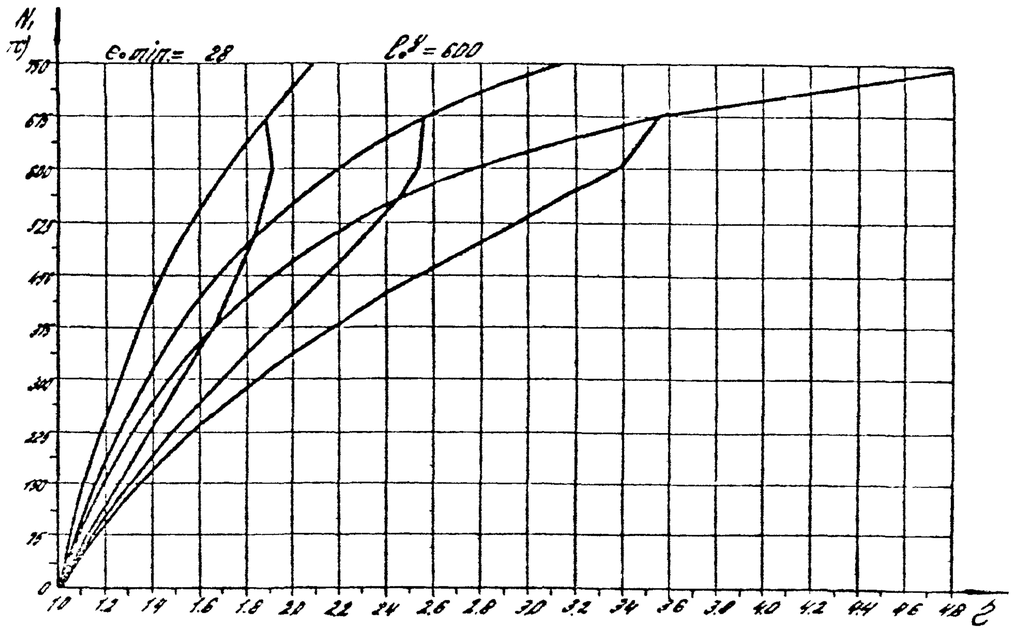


Вх. 32829 л.248

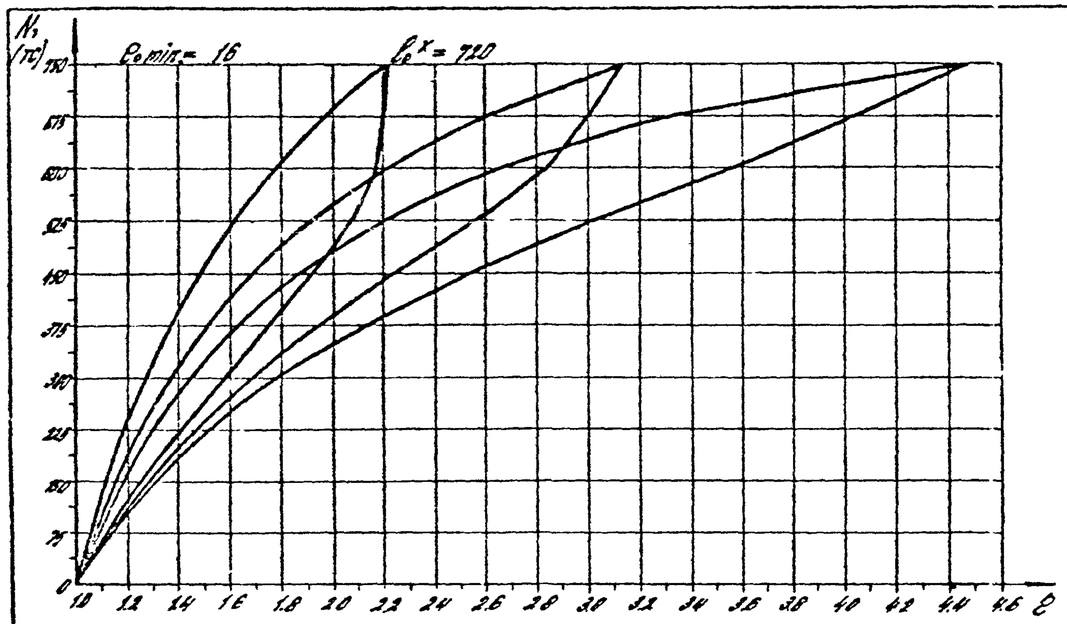


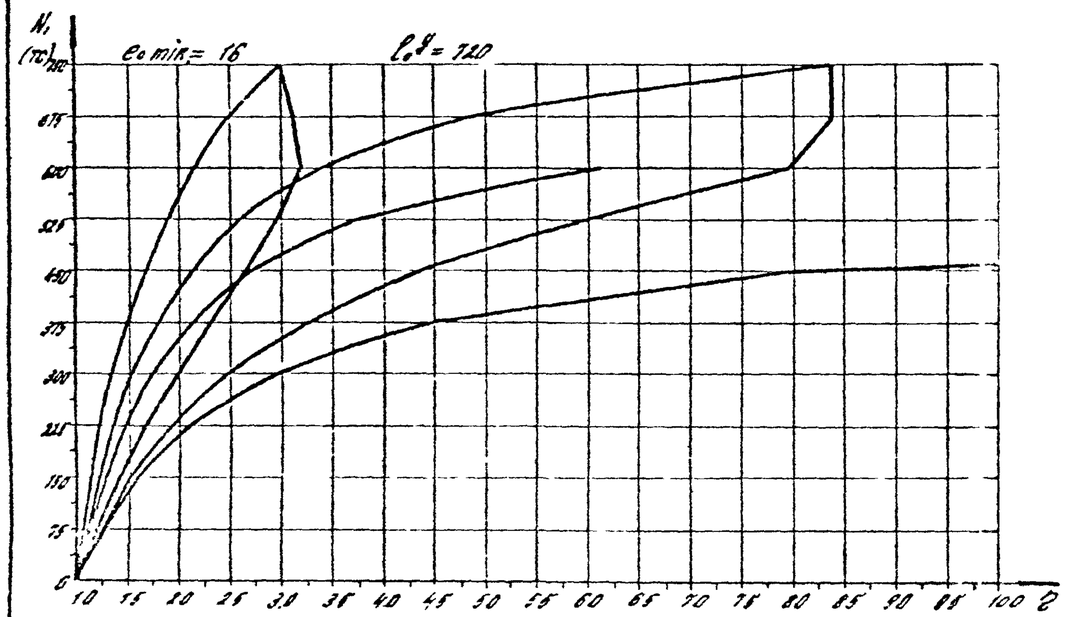






Вх. 32829 л.249





Вх. 32829 л. 250/250