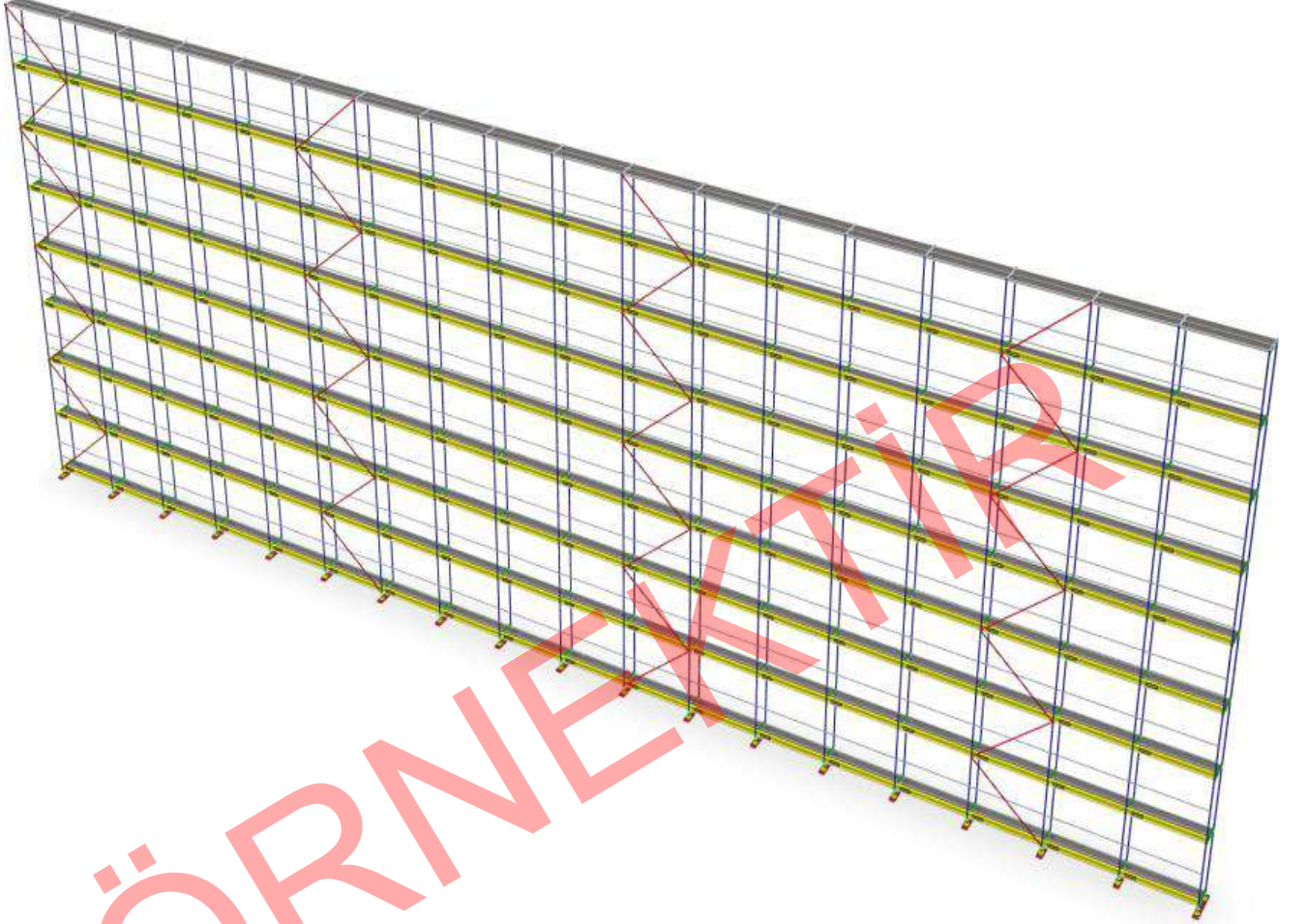


H TİPİ İSKELE STATİK HESAP RAPORU



Firma Adı: Örnek

İşin Adı: Örnek

Nisan 2017

Bu raporda Örnek firmasına ait Örnek Şantiyesi Projesinde bulunan H tipi iskelenin statik analiz hesabı anlatılmıştır. Statik analiz ProtaStructure programı vasıtasıyla yapılmıştır. Rapor içerisinde statik hesabı yapılan iskelenin özellikleri açıkça belirtilmiş, yapılan yüklemeler altında davranışı incelenmiştir. İskele Sistemi üzerine etkiyen hareketli yükler her açıdan hesaplanmış ve sistem üzerine ilgili yönetmeliklerin yük kombinasyonları ile aktarılmıştır. Bu yüklemelerden elde edilen gerilmeler neticesinde vasıtasıyla tasarım sonuçları rapor içerisinde belirtilen ilgili yönetmeliklere göre kontrol edilmiş ve elde edilen veriler raporda belirtilmiştir. Tasarımda en yüksek ve geniş cephe hesaba alınmıştır. En yüksek ve geniş cephede statik açıdan bir sorun olmaması diğer cephelerde taşıma kapasitesini aşmayacağını göstermektedir. Sistemin detaylı çizimleri rapor sonunda mevcuttur.

Boyutlar ve Kesit Bilgileri

İskele Yüksekliği, h_s	: 16.00 m	Çıkma Genişliği, b_s	: 0.70 m
Çıkma Uzunluğu, l_s	: 2.50 m	Kat Yüksekliği, h_1	: 2.00 m
Kat Adedi	: 8	Açıklık Adedi	: 18
Kaplama	: Kaplama Yok	Ankraj Deseni	: Şaşırtmalı
Dikmeler	: P48x3	Çaprazlar	: P42.4x2.5
Üst Enine Bağlantılar	: RH60x40x2	Alt Enine Bağlantılar	: R40x2
Korkuluklar	: P33.7x2.5		

Malzeme ve Yüklemeler

Malzeme Sınıfı	: S235	Yük Sınıfı	: 4
Çekme Dayanımı	: 360 N/mm ²	Servis Yüğü, q	: 3.00 kN/m ²
Akma Dayanımı	: 235 N/mm ²	Yatay Çalışma Yüğü	: 2.16 kN
Elastisite Modülü	: 206182 N/mm ²	Platform Ağırlığı	: 18.00 kg
Birim Ağırlık	: 78.5 kN/m ³	Tekmelik Ağırlığı	: 8.00 kg

Rüzgar Yükleri

C_r (Dik)	: 1.30	C_r (Paralel)	: 1.30
C_s (Dik)	: 0.75	C_s (Paralel)	: 1.00
Referans Alan, A (Dik)	: 288.00 m ²	Referans Alan, A (Paralel)	: 4.48 m ²
Ek Anma Alanı (Servis Durumu-Dik)	: 144.00 m ²	Ek Anma Alanı (Servis Durumu-Paralel)	: 2.24 m ²
Ek Anma Alanı (Servis Dışı-Dik)	: 72.00 m ²	Ek Anma Alanı (Servis Dışı-Paralel)	: 1.12 m ²

	Servis Durumu			Servis Dışı		
Kat	q_i (kN/m ²)	F_{Dik} (kN)	$F_{Paralel}$ (kN)	q_i (kN/m ²)	F_{Dik} (kN)	$F_{Paralel}$ (kN)
8	0.20	14.04	0.15	1.00	46.83	0.73
7	0.20	14.04	0.15	0.98	45.66	0.71
6	0.20	14.04	0.15	0.95	44.48	0.69
5	0.20	14.04	0.15	0.93	43.31	0.67
4	0.20	14.04	0.15	0.90	42.13	0.66
3	0.20	14.04	0.15	0.88	40.96	0.64
2	0.20	14.04	0.15	0.85	39.79	0.62
1	0.20	14.04	0.15	0.83	38.61	0.60

Yük Kombinasyonları

G+Q	: Faktörsüz Düşey Yükler
G+Q+N _x	: Cepheye Paralel Yatay Çalışma Yükleri
G+Q+N _y	: Cepheye Dik Yatay Çalışma Yükleri
G+Q+W _{sx}	: Cepheye Paralel Çalışma Rüzgar Yükleri
G+Q+W _{sy}	: Cepheye Dik Çalışma Rüzgar Yükleri

G+Q+Wx : Cepheye Paralel Maksimum Rüzgar Yükleri
G+Q+Wy : Cepheye Dik Maksimum Rüzgar Yükleri

Burkulma/Eğilme Kontrolü

Eleman	İç Kuvvet (kN, mm)	Komb.	$\sigma_{eb} / \sigma_{bem}$ (N/mm ²)	$\sigma_{bx} / \sigma_{by}$ (N/mm ²)	$\sigma_{Bx} / \sigma_{By}$ (N/mm ²)	σ / σ_{em} λ
D1-Dikme P48x3	N = -4.31 M = 2.57 / 0.46	G+Q	10.2 51.9	0.6 0.1	141.0 141.0	0.20 < 1.00 ✓ 125.4 ≤ 250 ✓
D2-Dikme P48x3	N = -6.35 M = 20.90 / 0.72	G+Q+Ws	15.0 59.7	4.7 0.2	141.0 141.0	0.31 < 1.15 ✓ 125.4 ≤ 250 ✓
D3-Dikme P48x3	N = -4.09 M = 7.58 / 1.52	G+Q	9.6 51.9	1.7 0.3	141.0 141.0	0.19 < 1.00 ✓ 125.4 ≤ 250 ✓
D4-Dikme P48x3	N = -5.79 M = 3.59 / 6.53	G+Q+Ny	13.6 51.9	0.8 1.5	141.0 141.0	0.27 < 1.00 ✓ 125.4 ≤ 250 ✓
D5-Dikme P48x3	N = -3.86 M = 7.27 / 0.93	G+Q	9.1 51.9	1.6 0.2	141.0 141.0	0.18 < 1.00 ✓ 125.4 ≤ 250 ✓
D6-Dikme P48x3	N = -5.09 M = 193.91 / 6.99	G+Q+Ws	12.0 59.7	43.2 1.6	141.0 141.0	0.40 < 1.15 ✓ 125.4 ≤ 250 ✓
D7-Dikme P48x3	N = -3.61 M = 10.42 / 1.65	G+Q	8.5 51.9	2.3 0.4	141.0 141.0	0.17 < 1.00 ✓ 125.4 ≤ 250 ✓
D8-Dikme P48x3	N = -4.91 M = 171.16 / 6.79	G+Q+Ws	11.6 59.7	38.1 1.5	141.0 141.0	0.37 < 1.15 ✓ 125.4 ≤ 250 ✓
D9-Dikme P48x3	N = -3.36 M = 9.70 / 0.40	G+Q	7.9 51.9	2.2 0.1	141.0 141.0	0.16 < 1.00 ✓ 125.4 ≤ 250 ✓
D10-Dikme P48x3	N = -4.33 M = 194.63 / 8.03	G+Q+Ws	10.2 59.7	43.3 1.8	141.0 141.0	0.36 < 1.15 ✓ 125.4 ≤ 250 ✓
D11-Dikme P48x3	N = -3.10 M = 18.90 / 0.44	G+Q	7.3 51.9	4.2 0.1	141.0 141.0	0.17 < 1.00 ✓ 125.4 ≤ 250 ✓
D12-Dikme P48x3	N = -4.19 M = 168.71 / 3.12	G+Q+Ws	9.9 59.7	37.6 0.7	141.0 141.0	0.32 < 1.15 ✓ 125.4 ≤ 250 ✓
D13-Dikme P48x3	N = -2.24 M = 21.23 / 2.20	G+Q	5.3 51.9	4.7 0.5	141.0 141.0	0.14 < 1.00 ✓ 125.4 ≤ 250 ✓
D14-Dikme P48x3	N = -3.88 M = 636.80 / 13.01	G+Q+Wy	9.1 59.7	141.7 2.9	141.0 141.0	0.67 < 1.15 ✓ 125.4 ≤ 250 ✓
D15-Dikme P48x3	N = -1.41 M = 24.41 / 22.08	G+Q+Nx	3.3 51.9	5.4 4.9	141.0 141.0	0.14 < 1.00 ✓ 125.4 ≤ 250 ✓
D16-Dikme P48x3	N = -2.96 M = 774.64 / 1.09	G+Q+Wy	7.0 59.7	172.4 0.2	141.0 141.0	1.06 < 1.15 ✓ 125.4 ≤ 250 ✓
D17-Dikme P48x3	N = -8.23 M = 151.26 / 1.61	G+Q+Ws	19.4 59.7	33.7 0.4	141.0 141.0	0.53 < 1.15 ✓ 125.4 ≤ 250 ✓
D18-Dikme P48x3	N = -9.37 M = 0.17 / 11.27	G+Q+Nx	22.1 51.9	0.0 2.5	141.0 141.0	0.44 < 1.00 ✓ 125.4 ≤ 250 ✓
D19-Dikme P48x3	N = -7.61 M = 264.44 / 0.98	G+Q+Ws	17.9 59.7	58.9 0.2	141.0 141.0	0.60 < 1.15 ✓ 125.4 ≤ 250 ✓
D20-Dikme P48x3	N = -8.59 M = 3.87 / 11.33	G+Q+Nx	20.2 51.9	0.9 2.5	141.0 141.0	0.41 < 1.00 ✓ 125.4 ≤ 250 ✓
D21-Dikme P48x3	N = -7.07 M = 10.32 / 1.83	G+Q+Nx	16.7 51.9	2.3 0.4	141.0 141.0	0.33 < 1.00 ✓ 125.4 ≤ 250 ✓
D22-Dikme P48x3	N = -8.17 M = 1.29 / 6.18	G+Q+Nx	19.3 51.9	0.3 1.4	141.0 141.0	0.38 < 1.00 ✓ 125.4 ≤ 250 ✓
D23-Dikme P48x3	N = -6.74 M = 165.29 / 0.86	G+Q+Ws	15.9 59.7	36.8 0.2	141.0 141.0	0.46 < 1.15 ✓ 125.4 ≤ 250 ✓
D24-Dikme P48x3	N = -7.43 M = 1.20 / 4.21	G+Q+Nx	17.5 51.9	0.3 0.9	141.0 141.0	0.34 < 1.00 ✓ 125.4 ≤ 250 ✓
D25-Dikme P48x3	N = -6.43	G+Q+Ws	15.1	38.2	141.0	0.45 < 1.15 ✓

	M = 171.58 / 1.11		59.7	0.2	141.0	125.4 ≤ 250 ✓
D26-Dikme P48x3	N = -7.03 M = 4.56 / 8.60	G+Q+Nx	16.6 51.9	1.0 1.9	141.0 141.0	0.33 < 1.00 ✓ 125.4 ≤ 250 ✓
D27-Dikme P48x3	N = -6.13 M = 181.96 / 2.02	G+Q+Wsy	14.5 59.7	40.5 0.5	141.0 141.0	0.44 < 1.15 ✓ 125.4 ≤ 250 ✓
D28-Dikme P48x3	N = -6.31 M = 10.50 / 10.21	G+Q+Nx	14.9 51.9	2.3 2.3	141.0 141.0	0.30 < 1.00 ✓ 125.4 ≤ 250 ✓
D29-Dikme P48x3	N = -4.63 M = 160.05 / 3.45	G+Q+Wsy	10.9 59.7	35.6 0.8	141.0 141.0	0.34 < 1.15 ✓ 125.4 ≤ 250 ✓
D30-Dikme P48x3	N = -4.72 M = 14.73 / 9.40	G+Q+Nx	11.1 51.9	3.3 2.1	141.0 141.0	0.23 < 1.00 ✓ 125.4 ≤ 250 ✓
D31-Dikme P48x3	N = -3.18 M = 194.99 / 1.74	G+Q+Wsy	7.5 59.7	43.4 0.4	141.0 141.0	0.45 < 1.15 ✓ 125.4 ≤ 250 ✓
D32-Dikme P48x3	N = -2.84 M = 50.19 / 39.19	G+Q	6.7 51.9	11.2 8.7	141.0 141.0	0.27 < 1.00 ✓ 125.4 ≤ 250 ✓
D33-Dikme P48x3	N = -7.58 M = 3.01 / 0.11	G+Q	17.9 51.9	0.7 0.0	141.0 141.0	0.35 < 1.00 ✓ 125.4 ≤ 250 ✓
D34-Dikme P48x3	N = -9.06 M = 23.53 / 0.57	G+Q+Wsy	21.4 59.7	5.2 0.1	141.0 141.0	0.44 < 1.15 ✓ 125.4 ≤ 250 ✓
D35-Dikme P48x3	N = -7.24 M = 6.23 / 1.87	G+Q+Nx	17.1 51.9	1.4 0.4	141.0 141.0	0.34 < 1.00 ✓ 125.4 ≤ 250 ✓
D36-Dikme P48x3	N = -8.26 M = 178.82 / 0.37	G+Q+Wsy	19.5 59.7	39.8 0.1	141.0 141.0	0.56 < 1.15 ✓ 125.4 ≤ 250 ✓
D37-Dikme P48x3	N = -6.90 M = 6.04 / 0.08	G+Q+Nx	16.3 51.9	1.3 0.0	141.0 141.0	0.32 < 1.00 ✓ 125.4 ≤ 250 ✓
D38-Dikme P48x3	N = -7.86 M = 186.57 / 0.40	G+Q+Wsy	18.5 59.7	41.5 0.1	141.0 141.0	0.54 < 1.15 ✓ 125.4 ≤ 250 ✓
D39-Dikme P48x3	N = -6.55 M = 7.19 / 2.47	G+Q+Nx	15.4 51.9	1.6 0.5	141.0 141.0	0.31 < 1.00 ✓ 125.4 ≤ 250 ✓
D40-Dikme P48x3	N = -7.50 M = 174.61 / 0.08	G+Q+Wsy	17.7 59.7	38.9 0.0	141.0 141.0	0.51 < 1.15 ✓ 125.4 ≤ 250 ✓
D41-Dikme P48x3	N = -6.19 M = 6.31 / 2.93	G+Q+Nx	14.6 51.9	1.4 0.7	141.0 141.0	0.29 < 1.00 ✓ 125.4 ≤ 250 ✓
D42-Dikme P48x3	N = -7.11 M = 188.33 / 0.58	G+Q+Wsy	16.8 59.7	41.9 0.1	141.0 141.0	0.50 < 1.15 ✓ 125.4 ≤ 250 ✓
D43-Dikme P48x3	N = -5.84 M = 21.42 / 7.01	G+Q+Nx	13.8 51.9	4.8 1.6	141.0 141.0	0.29 < 1.00 ✓ 125.4 ≤ 250 ✓
D44-Dikme P48x3	N = -6.77 M = 179.66 / 0.09	G+Q+Wsy	16.0 59.7	40.0 0.0	141.0 141.0	0.47 < 1.15 ✓ 125.4 ≤ 250 ✓
D45-Dikme P48x3	N = -4.29 M = 26.82 / 39.40	G+Q+Nx	10.1 51.9	6.0 8.8	141.0 141.0	0.25 < 1.00 ✓ 125.4 ≤ 250 ✓
D46-Dikme P48x3	N = -5.22 M = 181.51 / 0.77	G+Q+Wsy	12.3 59.7	40.4 0.2	141.0 141.0	0.39 < 1.15 ✓ 125.4 ≤ 250 ✓
D47-Dikme P48x3	N = -2.74 M = 48.65 / 47.21	G+Q+Nx	6.5 51.9	10.8 10.5	141.0 141.0	0.28 < 1.00 ✓ 125.4 ≤ 250 ✓
D48-Dikme P48x3	N = -3.66 M = 758.43 / 0.14	G+Q+Wy	8.6 59.7	168.8 0.0	141.0 141.0	0.74 < 1.15 ✓ 125.4 ≤ 250 ✓
D49-Dikme P48x3	N = -8.32 M = 150.42 / 0.28	G+Q+Wsy	19.6 59.7	33.5 0.1	141.0 141.0	0.53 < 1.15 ✓ 125.4 ≤ 250 ✓
D50-Dikme P48x3	N = -8.17 M = 1.77 / 0.54	G+Q+Nx	19.3 51.9	0.4 0.1	141.0 141.0	0.37 < 1.00 ✓ 125.4 ≤ 250 ✓
D51-Dikme P48x3	N = -7.69 M = 265.37 / 0.19	G+Q+Wsy	18.1 59.7	59.1 0.0	141.0 141.0	0.61 < 1.15 ✓ 125.4 ≤ 250 ✓
D52-Dikme P48x3	N = -7.74 M = 4.54 / 1.23	G+Q+Nx	18.3 51.9	1.0 0.3	141.0 141.0	0.36 < 1.00 ✓ 125.4 ≤ 250 ✓

D53-Dikme P48x3	N = -7.10 M = 172.84 / 0.34	G+Q+Wsy	16.7 59.7	38.5 0.1	141.0 141.0	0.48 < 1.15 ✓ 125.4 ≤ 250 ✓
D54-Dikme P48x3	N = -7.31 M = 2.45 / 0.12	G+Q	17.2 51.9	0.5 0.0	141.0 141.0	0.33 < 1.00 ✓ 125.4 ≤ 250 ✓
D55-Dikme P48x3	N = -6.80 M = 167.59 / 0.10	G+Q+Wsy	16.0 59.7	37.3 0.0	141.0 141.0	0.46 < 1.15 ✓ 125.4 ≤ 250 ✓
D56-Dikme P48x3	N = -6.89 M = 2.55 / 0.21	G+Q	16.3 51.9	0.6 0.0	141.0 141.0	0.32 < 1.00 ✓ 125.4 ≤ 250 ✓
D57-Dikme P48x3	N = -6.48 M = 169.30 / 0.37	G+Q+Wsy	15.3 59.7	37.7 0.1	141.0 141.0	0.45 < 1.15 ✓ 125.4 ≤ 250 ✓
D58-Dikme P48x3	N = -6.47 M = 1.14 / 1.52	G+Q+Nx	15.3 51.9	0.3 0.3	141.0 141.0	0.30 < 1.00 ✓ 125.4 ≤ 250 ✓
D59-Dikme P48x3	N = -6.17 M = 184.58 / 0.73	G+Q+Wsy	14.6 59.7	41.1 0.2	141.0 141.0	0.44 < 1.15 ✓ 125.4 ≤ 250 ✓
D60-Dikme P48x3	N = -6.06 M = 15.35 / 0.40	G+Q	14.3 51.9	3.4 0.1	141.0 141.0	0.29 < 1.00 ✓ 125.4 ≤ 250 ✓
D61-Dikme P48x3	N = -4.66 M = 157.71 / 0.53	G+Q+Wsy	11.0 59.7	35.1 0.1	141.0 141.0	0.34 < 1.15 ✓ 125.4 ≤ 250 ✓
D62-Dikme P48x3	N = -4.44 M = 20.38 / 7.74	G+Q+Nx	10.5 51.9	4.5 1.7	141.0 141.0	0.22 < 1.00 ✓ 125.4 ≤ 250 ✓
D63-Dikme P48x3	N = -3.18 M = 197.90 / 1.00	G+Q+Wsy	7.5 59.7	44.0 0.2	141.0 141.0	0.46 < 1.15 ✓ 125.4 ≤ 250 ✓
D64-Dikme P48x3	N = -2.82 M = 45.00 / 9.82	G+Q+Nx	6.7 51.9	10.0 2.2	141.0 141.0	0.21 < 1.00 ✓ 125.4 ≤ 250 ✓
D65-Dikme P48x3	N = -7.58 M = 3.01 / 0.01	G+Q+Nx	17.9 51.9	0.7 0.0	141.0 141.0	0.35 < 1.00 ✓ 125.4 ≤ 250 ✓
D66-Dikme P48x3	N = -9.06 M = 23.51 / 0.10	G+Q+Wsy	21.4 59.7	5.2 0.0	141.0 141.0	0.44 < 1.15 ✓ 125.4 ≤ 250 ✓
D67-Dikme P48x3	N = -7.24 M = 6.26 / 0.13	G+Q	17.1 51.9	1.4 0.0	141.0 141.0	0.33 < 1.00 ✓ 125.4 ≤ 250 ✓
D68-Dikme P48x3	N = -8.26 M = 178.83 / 0.23	G+Q+Wsy	19.5 59.7	39.8 0.1	141.0 141.0	0.56 < 1.15 ✓ 125.4 ≤ 250 ✓
D69-Dikme P48x3	N = -6.90 M = 6.01 / 0.08	G+Q	16.3 51.9	1.3 0.0	141.0 141.0	0.32 < 1.00 ✓ 125.4 ≤ 250 ✓
D70-Dikme P48x3	N = -7.86 M = 186.57 / 0.09	G+Q+Wsy	18.5 59.7	41.5 0.0	141.0 141.0	0.54 < 1.15 ✓ 125.4 ≤ 250 ✓
D71-Dikme P48x3	N = -6.55 M = 7.20 / 1.14	G+Q+Wsx	15.4 59.7	1.6 0.3	141.0 141.0	0.30 < 1.15 ✓ 125.4 ≤ 250 ✓
D72-Dikme P48x3	N = -7.50 M = 174.62 / 0.31	G+Q+Wsy	17.7 59.7	38.9 0.1	141.0 141.0	0.51 < 1.15 ✓ 125.4 ≤ 250 ✓
D73-Dikme P48x3	N = -6.19 M = 6.30 / 0.20	G+Q	14.6 51.9	1.4 0.0	141.0 141.0	0.29 < 1.00 ✓ 125.4 ≤ 250 ✓
D74-Dikme P48x3	N = -7.11 M = 188.31 / 0.25	G+Q+Wsy	16.8 59.7	41.9 0.1	141.0 141.0	0.50 < 1.15 ✓ 125.4 ≤ 250 ✓
D75-Dikme P48x3	N = -5.84 M = 21.44 / 0.35	G+Q	13.8 51.9	4.8 0.1	141.0 141.0	0.28 < 1.00 ✓ 125.4 ≤ 250 ✓
D76-Dikme P48x3	N = -6.77 M = 179.67 / 0.35	G+Q+Wsy	16.0 59.7	40.0 0.1	141.0 141.0	0.47 < 1.15 ✓ 125.4 ≤ 250 ✓
D77-Dikme P48x3	N = -4.28 M = 26.82 / 0.55	G+Q	10.1 51.9	6.0 0.1	141.0 141.0	0.22 < 1.00 ✓ 125.4 ≤ 250 ✓
D78-Dikme P48x3	N = -5.22 M = 181.49 / 0.49	G+Q+Wsy	12.3 59.7	40.4 0.1	141.0 141.0	0.39 < 1.15 ✓ 125.4 ≤ 250 ✓
D79-Dikme P48x3	N = -2.74 M = 48.61 / 0.09	G+Q	6.5 51.9	10.8 0.0	141.0 141.0	0.20 < 1.00 ✓ 125.4 ≤ 250 ✓
D80-Dikme P48x3	N = -3.66 M = 758.39 / 0.11	G+Q+Wy	8.6 59.7	168.8 0.0	141.0 141.0	0.74 < 1.15 ✓ 125.4 ≤ 250 ✓

D81-Dikme P48x3	N = -8.37 M = 150.19 / 2.92	G+Q+Wsy	19.7 59.7	33.4 0.7	141.0 141.0	0.54 < 1.15 ✓ 125.4 ≤ 250 ✓
D82-Dikme P48x3	N = -7.91 M = 2.10 / 23.32	G+Q+Ny	18.6 51.9	0.5 5.2	141.0 141.0	0.38 < 1.00 ✓ 125.4 ≤ 250 ✓
D83-Dikme P48x3	N = -7.74 M = 265.56 / 1.68	G+Q+Wsy	18.2 59.7	59.1 0.4	141.0 141.0	0.61 < 1.15 ✓ 125.4 ≤ 250 ✓
D84-Dikme P48x3	N = -7.69 M = 4.66 / 25.42	G+Q+Ny	18.1 51.9	1.0 5.7	141.0 141.0	0.38 < 1.00 ✓ 125.4 ≤ 250 ✓
D85-Dikme P48x3	N = -7.14 M = 171.96 / 2.56	G+Q+Wsy	16.8 59.7	38.3 0.6	141.0 141.0	0.49 < 1.15 ✓ 125.4 ≤ 250 ✓
D86-Dikme P48x3	N = -7.39 M = 187.28 / 16.22	G+Q+Wsy	17.4 59.7	41.7 3.6	141.0 141.0	0.53 < 1.15 ✓ 125.4 ≤ 250 ✓
D87-Dikme P48x3	N = -6.84 M = 168.57 / 0.93	G+Q+Wsy	16.1 59.7	37.5 0.2	141.0 141.0	0.47 < 1.15 ✓ 125.4 ≤ 250 ✓
D88-Dikme P48x3	N = -6.91 M = 3.07 / 17.65	G+Q+Ny	16.3 51.9	0.7 3.9	141.0 141.0	0.33 < 1.00 ✓ 125.4 ≤ 250 ✓
D89-Dikme P48x3	N = -6.51 M = 167.85 / 1.87	G+Q+Wsy	15.3 59.7	37.4 0.4	141.0 141.0	0.45 < 1.15 ✓ 125.4 ≤ 250 ✓
D90-Dikme P48x3	N = -6.49 M = 0.96 / 12.64	G+Q+Ny	15.3 51.9	0.2 2.8	141.0 141.0	0.31 < 1.00 ✓ 125.4 ≤ 250 ✓
D91-Dikme P48x3	N = -6.19 M = 186.03 / 0.20	G+Q+Wsy	14.6 59.7	41.4 0.0	141.0 141.0	0.45 < 1.15 ✓ 125.4 ≤ 250 ✓
D92-Dikme P48x3	N = -6.09 M = 14.85 / 14.56	G+Q+Ny	14.4 51.9	3.3 3.2	141.0 141.0	0.30 < 1.00 ✓ 125.4 ≤ 250 ✓
D93-Dikme P48x3	N = -4.67 M = 156.06 / 0.30	G+Q+Wsy	11.0 59.7	34.7 0.1	141.0 141.0	0.34 < 1.15 ✓ 125.4 ≤ 250 ✓
D94-Dikme P48x3	N = -4.46 M = 21.19 / 12.83	G+Q	10.5 51.9	4.7 2.9	141.0 141.0	0.23 < 1.00 ✓ 125.4 ≤ 250 ✓
D95-Dikme P48x3	N = -3.19 M = 199.62 / 0.65	G+Q+Wsy	7.5 59.7	44.4 0.1	141.0 141.0	0.46 < 1.15 ✓ 125.4 ≤ 250 ✓
D96-Dikme P48x3	N = -2.86 M = 57.02 / 53.71	G+Q+Nx	6.7 51.9	12.7 12.0	141.0 141.0	0.30 < 1.00 ✓ 125.4 ≤ 250 ✓
D97-Dikme P48x3	N = -7.98 M = 4.77 / 0.10	G+Q+Nx	18.8 51.9	1.1 0.0	141.0 141.0	0.37 < 1.00 ✓ 125.4 ≤ 250 ✓
D98-Dikme P48x3	N = -10.97 M = 0.44 / 1.24	G+Q+Nx	25.9 51.9	0.1 0.3	141.0 141.0	0.50 < 1.00 ✓ 125.4 ≤ 250 ✓
D99-Dikme P48x3	N = -7.61 M = 14.09 / 1.20	G+Q+Nx	17.9 51.9	3.1 0.3	141.0 141.0	0.36 < 1.00 ✓ 125.4 ≤ 250 ✓
D100-Dikme P48x3	N = -10.56 M = 4.60 / 3.42	G+Q+Nx	24.9 51.9	1.0 0.8	141.0 141.0	0.49 < 1.00 ✓ 125.4 ≤ 250 ✓
D101-Dikme P48x3	N = -7.22 M = 13.51 / 0.68	G+Q+Nx	17.0 51.9	3.0 0.2	141.0 141.0	0.34 < 1.00 ✓ 125.4 ≤ 250 ✓
D102-Dikme P48x3	N = -9.06 M = 4.70 / 1.85	G+Q+Nx	21.4 51.9	1.0 0.4	141.0 141.0	0.42 < 1.00 ✓ 125.4 ≤ 250 ✓
D103-Dikme P48x3	N = -6.82 M = 19.42 / 1.49	G+Q+Nx	16.1 51.9	4.3 0.3	141.0 141.0	0.33 < 1.00 ✓ 125.4 ≤ 250 ✓
D104-Dikme P48x3	N = -8.69 M = 9.82 / 9.28	G+Q+Nx	20.5 51.9	2.2 2.1	141.0 141.0	0.41 < 1.00 ✓ 125.4 ≤ 250 ✓
D105-Dikme P48x3	N = -6.40 M = 18.02 / 4.14	G+Q+Nx	15.1 51.9	4.0 0.9	141.0 141.0	0.31 < 1.00 ✓ 125.4 ≤ 250 ✓
D106-Dikme P48x3	N = -7.32 M = 11.51 / 6.90	G+Q+Nx	17.3 51.9	2.6 1.5	141.0 141.0	0.35 < 1.00 ✓ 125.4 ≤ 250 ✓
D107-Dikme P48x3	N = -5.97 M = 36.31 / 5.93	G+Q+Nx	14.1 51.9	8.1 1.3	141.0 141.0	0.31 < 1.00 ✓ 125.4 ≤ 250 ✓
D108-Dikme P48x3	N = -6.98 M = 7.46 / 2.96	G+Q+Nx	16.5 51.9	1.7 0.7	141.0 141.0	0.33 < 1.00 ✓ 125.4 ≤ 250 ✓

D109-Dikme P48x3	N = -4.33 M = 41.07 / 23.01	G+Q+Nx	10.2 51.9	9.1 5.1	141.0 141.0	0.25 < 1.00 ✓ 125.4 ≤ 250 ✓
D110-Dikme P48x3	N = -5.25 M = 182.28 / 11.22	G+Q+Wsy	12.4 59.7	40.6 2.5	141.0 141.0	0.40 < 1.15 ✓ 125.4 ≤ 250 ✓
D111-Dikme P48x3	N = -2.74 M = 48.91 / 1.94	G+Q+Wsx	6.5 59.7	10.9 0.4	141.0 141.0	0.20 < 1.15 ✓ 125.4 ≤ 250 ✓
D112-Dikme P48x3	N = -3.67 M = 758.71 / 2.81	G+Q+Wy	8.7 59.7	168.9 0.6	141.0 141.0	0.74 < 1.15 ✓ 125.4 ≤ 250 ✓
D113-Dikme P48x3	N = -8.32 M = 150.43 / 0.40	G+Q+Wsy	19.6 59.7	33.5 0.1	141.0 141.0	0.53 < 1.15 ✓ 125.4 ≤ 250 ✓
D114-Dikme P48x3	N = -8.17 M = 1.80 / 0.33	G+Q+Nx	19.3 51.9	0.4 0.1	141.0 141.0	0.37 < 1.00 ✓ 125.4 ≤ 250 ✓
D115-Dikme P48x3	N = -7.69 M = 265.37 / 0.33	G+Q+Wsy	18.1 59.7	59.1 0.1	141.0 141.0	0.61 < 1.15 ✓ 125.4 ≤ 250 ✓
D116-Dikme P48x3	N = -7.74 M = 4.51 / 1.43	G+Q+Nx	18.3 51.9	1.0 0.3	141.0 141.0	0.36 < 1.00 ✓ 125.4 ≤ 250 ✓
D117-Dikme P48x3	N = -7.10 M = 172.84 / 0.48	G+Q+Wsy	16.7 59.7	38.5 0.1	141.0 141.0	0.48 < 1.15 ✓ 125.4 ≤ 250 ✓
D118-Dikme P48x3	N = -7.31 M = 2.48 / 1.07	G+Q+Nx	17.2 51.9	0.6 0.2	141.0 141.0	0.34 < 1.00 ✓ 125.4 ≤ 250 ✓
D119-Dikme P48x3	N = -6.80 M = 167.59 / 0.07	G+Q+Wsy	16.0 59.7	37.3 0.0	141.0 141.0	0.46 < 1.15 ✓ 125.4 ≤ 250 ✓
D120-Dikme P48x3	N = -6.89 M = 2.55 / 1.28	G+Q+Wsx	16.3 59.7	0.6 0.3	141.0 141.0	0.32 < 1.15 ✓ 125.4 ≤ 250 ✓
D121-Dikme P48x3	N = -6.48 M = 169.30 / 0.50	G+Q+Wsy	15.3 59.7	37.7 0.1	141.0 141.0	0.45 < 1.15 ✓ 125.4 ≤ 250 ✓
D122-Dikme P48x3	N = -6.47 M = 1.15 / 0.17	G+Q	15.3 51.9	0.3 0.0	141.0 141.0	0.30 < 1.00 ✓ 125.4 ≤ 250 ✓
D123-Dikme P48x3	N = -6.17 M = 184.58 / 0.46	G+Q+Wsy	14.6 59.7	41.1 0.1	141.0 141.0	0.44 < 1.15 ✓ 125.4 ≤ 250 ✓
D124-Dikme P48x3	N = -6.06 M = 15.36 / 0.46	G+Q	14.3 51.9	3.4 0.1	141.0 141.0	0.29 < 1.00 ✓ 125.4 ≤ 250 ✓
D125-Dikme P48x3	N = -4.66 M = 157.70 / 0.15	G+Q+Wsy	11.0 59.7	35.1 0.0	141.0 141.0	0.34 < 1.15 ✓ 125.4 ≤ 250 ✓
D126-Dikme P48x3	N = -4.44 M = 20.21 / 7.77	G+Q+Nx	10.5 51.9	4.5 1.7	141.0 141.0	0.22 < 1.00 ✓ 125.4 ≤ 250 ✓
D127-Dikme P48x3	N = -3.18 M = 197.89 / 0.64	G+Q+Wsy	7.5 59.7	44.0 0.1	141.0 141.0	0.46 < 1.15 ✓ 125.4 ≤ 250 ✓
D128-Dikme P48x3	N = -2.82 M = 44.97 / 9.81	G+Q+Nx	6.7 51.9	10.0 2.2	141.0 141.0	0.21 < 1.00 ✓ 125.4 ≤ 250 ✓
D129-Dikme P48x3	N = -7.58 M = 3.01 / 0.03	G+Q+Nx	17.9 51.9	0.7 0.0	141.0 141.0	0.35 < 1.00 ✓ 125.4 ≤ 250 ✓
D130-Dikme P48x3	N = -9.06 M = 23.52 / 0.14	G+Q+Wsy	21.4 59.7	5.2 0.0	141.0 141.0	0.44 < 1.15 ✓ 125.4 ≤ 250 ✓
D131-Dikme P48x3	N = -7.24 M = 6.26 / 1.66	G+Q+Nx	17.1 51.9	1.4 0.4	141.0 141.0	0.34 < 1.00 ✓ 125.4 ≤ 250 ✓
D132-Dikme P48x3	N = -8.26 M = 178.83 / 0.19	G+Q+Wsy	19.5 59.7	39.8 0.0	141.0 141.0	0.56 < 1.15 ✓ 125.4 ≤ 250 ✓
D133-Dikme P48x3	N = -6.90 M = 6.02 / 0.19	G+Q+Nx	16.3 51.9	1.3 0.0	141.0 141.0	0.32 < 1.00 ✓ 125.4 ≤ 250 ✓
D134-Dikme P48x3	N = -7.86 M = 186.57 / 0.22	G+Q+Wsy	18.5 59.7	41.5 0.0	141.0 141.0	0.54 < 1.15 ✓ 125.4 ≤ 250 ✓
D135-Dikme P48x3	N = -6.55 M = 7.20 / 0.34	G+Q	15.4 51.9	1.6 0.1	141.0 141.0	0.30 < 1.00 ✓ 125.4 ≤ 250 ✓
D136-Dikme P48x3	N = -7.50 M = 174.62 / 0.30	G+Q+Wsy	17.7 59.7	38.9 0.1	141.0 141.0	0.51 < 1.15 ✓ 125.4 ≤ 250 ✓

D137-Dikme P48x3	N = -6.19 M = 6.30 / 3.08	G+Q+Nx	14.6 51.9	1.4 0.7	141.0 141.0	0.29 < 1.00 ✓ 125.4 ≤ 250 ✓
D138-Dikme P48x3	N = -7.11 M = 188.32 / 0.34	G+Q+Wsy	16.8 59.7	41.9 0.1	141.0 141.0	0.50 < 1.15 ✓ 125.4 ≤ 250 ✓
D139-Dikme P48x3	N = -5.84 M = 21.43 / 7.08	G+Q+Nx	13.8 51.9	4.8 1.6	141.0 141.0	0.29 < 1.00 ✓ 125.4 ≤ 250 ✓
D140-Dikme P48x3	N = -6.77 M = 179.67 / 0.24	G+Q+Wsy	16.0 59.7	40.0 0.1	141.0 141.0	0.47 < 1.15 ✓ 125.4 ≤ 250 ✓
D141-Dikme P48x3	N = -4.28 M = 26.82 / 39.58	G+Q+Nx	10.1 51.9	6.0 8.8	141.0 141.0	0.25 < 1.00 ✓ 125.4 ≤ 250 ✓
D142-Dikme P48x3	N = -5.22 M = 181.50 / 0.53	G+Q+Wsy	12.3 59.7	40.4 0.1	141.0 141.0	0.39 < 1.15 ✓ 125.4 ≤ 250 ✓
D143-Dikme P48x3	N = -2.74 M = 48.62 / 47.51	G+Q+Nx	6.5 51.9	10.8 10.6	141.0 141.0	0.28 < 1.00 ✓ 125.4 ≤ 250 ✓
D144-Dikme P48x3	N = -3.66 M = 758.41 / 0.27	G+Q+Wy	8.6 59.7	168.8 0.1	141.0 141.0	0.74 < 1.15 ✓ 125.4 ≤ 250 ✓
D145-Dikme P48x3	N = -8.32 M = 150.42 / 0.29	G+Q+Wsy	19.6 59.7	33.5 0.1	141.0 141.0	0.53 < 1.15 ✓ 125.4 ≤ 250 ✓
D146-Dikme P48x3	N = -8.17 M = 1.77 / 0.20	G+Q	19.3 51.9	0.4 0.0	141.0 141.0	0.37 < 1.00 ✓ 125.4 ≤ 250 ✓
D147-Dikme P48x3	N = -7.69 M = 265.36 / 0.20	G+Q+Wsy	18.1 59.7	59.1 0.0	141.0 141.0	0.61 < 1.15 ✓ 125.4 ≤ 250 ✓
D148-Dikme P48x3	N = -7.74 M = 4.54 / 0.25	G+Q	18.3 51.9	1.0 0.1	141.0 141.0	0.36 < 1.00 ✓ 125.4 ≤ 250 ✓
D149-Dikme P48x3	N = -7.10 M = 172.83 / 0.36	G+Q+Wsy	16.7 59.7	38.5 0.1	141.0 141.0	0.48 < 1.15 ✓ 125.4 ≤ 250 ✓
D150-Dikme P48x3	N = -7.31 M = 2.45 / 0.29	G+Q	17.2 51.9	0.5 0.1	141.0 141.0	0.33 < 1.00 ✓ 125.4 ≤ 250 ✓
D151-Dikme P48x3	N = -6.80 M = 167.58 / 0.17	G+Q+Wsy	16.0 59.7	37.3 0.0	141.0 141.0	0.46 < 1.15 ✓ 125.4 ≤ 250 ✓
D152-Dikme P48x3	N = -6.89 M = 2.56 / 1.76	G+Q+Nx	16.3 51.9	0.6 0.4	141.0 141.0	0.32 < 1.00 ✓ 125.4 ≤ 250 ✓
D153-Dikme P48x3	N = -6.48 M = 169.29 / 0.35	G+Q+Wsy	15.3 59.7	37.7 0.1	141.0 141.0	0.45 < 1.15 ✓ 125.4 ≤ 250 ✓
D154-Dikme P48x3	N = -6.47 M = 1.11 / 1.73	G+Q+Nx	15.3 51.9	0.2 0.4	141.0 141.0	0.30 < 1.00 ✓ 125.4 ≤ 250 ✓
D155-Dikme P48x3	N = -6.17 M = 184.58 / 0.56	G+Q+Wsy	14.6 59.7	41.1 0.1	141.0 141.0	0.44 < 1.15 ✓ 125.4 ≤ 250 ✓
D156-Dikme P48x3	N = -6.06 M = 15.31 / 10.40	G+Q+Nx	14.3 51.9	3.4 2.3	141.0 141.0	0.30 < 1.00 ✓ 125.4 ≤ 250 ✓
D157-Dikme P48x3	N = -4.66 M = 157.74 / 0.16	G+Q+Wsy	11.0 59.7	35.1 0.0	141.0 141.0	0.34 < 1.15 ✓ 125.4 ≤ 250 ✓
D158-Dikme P48x3	N = -4.44 M = 20.38 / 0.56	G+Q	10.5 51.9	4.5 0.1	141.0 141.0	0.22 < 1.00 ✓ 125.4 ≤ 250 ✓
D159-Dikme P48x3	N = -3.18 M = 197.93 / 0.57	G+Q+Wsy	7.5 59.7	44.1 0.1	141.0 141.0	0.46 < 1.15 ✓ 125.4 ≤ 250 ✓
D160-Dikme P48x3	N = -2.82 M = 45.00 / 0.30	G+Q	6.7 51.9	10.0 0.1	141.0 141.0	0.20 < 1.00 ✓ 125.4 ≤ 250 ✓
D161-Dikme P48x3	N = -7.58 M = 3.02 / 0.22	G+Q	17.9 51.9	0.7 0.0	141.0 141.0	0.35 < 1.00 ✓ 125.4 ≤ 250 ✓
D162-Dikme P48x3	N = -8.58 M = 23.11 / 0.51	G+Q+Wsy	20.2 59.7	5.1 0.1	141.0 141.0	0.41 < 1.15 ✓ 125.4 ≤ 250 ✓
D163-Dikme P48x3	N = -7.23 M = 6.25 / 0.84	G+Q	17.1 51.9	1.4 0.2	141.0 141.0	0.34 < 1.00 ✓ 125.4 ≤ 250 ✓
D164-Dikme P48x3	N = -7.86 M = 2.71 / 2.29	G+Q+Ny	18.5 51.9	0.6 0.5	141.0 141.0	0.36 < 1.00 ✓ 125.4 ≤ 250 ✓

D165-Dikme P48x3	N = -6.89 M = 6.02 / 0.51	G+Q	16.2 51.9	1.3 0.1	141.0 141.0	0.32 < 1.00 ✓ 125.4 ≤ 250 ✓
D166-Dikme P48x3	N = -7.48 M = 185.17 / 2.30	G+Q+Wsy	17.6 59.7	41.2 0.5	141.0 141.0	0.52 < 1.15 ✓ 125.4 ≤ 250 ✓
D167-Dikme P48x3	N = -6.54 M = 7.02 / 1.43	G+Q	15.4 51.9	1.6 0.3	141.0 141.0	0.30 < 1.00 ✓ 125.4 ≤ 250 ✓
D168-Dikme P48x3	N = -7.11 M = 176.99 / 6.64	G+Q+Wsy	16.8 59.7	39.4 1.5	141.0 141.0	0.49 < 1.15 ✓ 125.4 ≤ 250 ✓
D169-Dikme P48x3	N = -6.19 M = 6.16 / 0.67	G+Q	14.6 51.9	1.4 0.1	141.0 141.0	0.29 < 1.00 ✓ 125.4 ≤ 250 ✓
D170-Dikme P48x3	N = -6.96 M = 186.01 / 7.82	G+Q+Wsy	16.4 59.7	41.4 1.7	141.0 141.0	0.50 < 1.15 ✓ 125.4 ≤ 250 ✓
D171-Dikme P48x3	N = -5.84 M = 21.21 / 2.12	G+Q	13.8 51.9	4.7 0.5	141.0 141.0	0.29 < 1.00 ✓ 125.4 ≤ 250 ✓
D172-Dikme P48x3	N = -6.61 M = 182.42 / 20.42	G+Q+Wsy	15.6 59.7	40.6 4.5	141.0 141.0	0.48 < 1.15 ✓ 125.4 ≤ 250 ✓
D173-Dikme P48x3	N = -4.28 M = 26.60 / 0.17	G+Q	10.1 51.9	5.9 0.0	141.0 141.0	0.22 < 1.00 ✓ 125.4 ≤ 250 ✓
D174-Dikme P48x3	N = -5.26 M = 178.68 / 23.16	G+Q+Wsy	12.4 59.7	39.8 5.2	141.0 141.0	0.41 < 1.15 ✓ 125.4 ≤ 250 ✓
D175-Dikme P48x3	N = -2.74 M = 47.93 / 26.16	G+Q+Nx	6.5 51.9	10.7 5.8	141.0 141.0	0.24 < 1.00 ✓ 125.4 ≤ 250 ✓
D176-Dikme P48x3	N = -3.67 M = 758.76 / 3.52	G+Q+Wy	8.7 59.7	168.9 0.8	141.0 141.0	0.74 < 1.15 ✓ 125.4 ≤ 250 ✓
D177-Dikme P48x3	N = -8.48 M = 149.16 / 2.45	G+Q+Wsy	20.0 59.7	33.2 0.5	141.0 141.0	0.54 < 1.15 ✓ 125.4 ≤ 250 ✓
D178-Dikme P48x3	N = -11.08 M = 2.17 / 21.79	G+Q+Nx	26.1 51.9	0.5 4.8	141.0 141.0	0.53 < 1.00 ✓ 125.4 ≤ 250 ✓
D179-Dikme P48x3	N = -7.84 M = 266.24 / 1.40	G+Q+Wsy	18.5 59.7	59.3 0.3	141.0 141.0	0.62 < 1.15 ✓ 125.4 ≤ 250 ✓
D180-Dikme P48x3	N = -9.83 M = 2.90 / 22.80	G+Q+Nx	23.2 51.9	0.6 5.1	141.0 141.0	0.48 < 1.00 ✓ 125.4 ≤ 250 ✓
D181-Dikme P48x3	N = -7.28 M = 15.92 / 1.07	G+Q+Nx	17.2 51.9	3.5 0.2	141.0 141.0	0.35 < 1.00 ✓ 125.4 ≤ 250 ✓
D182-Dikme P48x3	N = -9.44 M = 6.81 / 17.34	G+Q+Nx	22.3 51.9	1.5 3.9	141.0 141.0	0.46 < 1.00 ✓ 125.4 ≤ 250 ✓
D183-Dikme P48x3	N = -6.92 M = 171.00 / 1.09	G+Q+Wsy	16.3 59.7	38.1 0.2	141.0 141.0	0.47 < 1.15 ✓ 125.4 ≤ 250 ✓
D184-Dikme P48x3	N = -8.12 M = 6.68 / 16.44	G+Q+Nx	19.1 51.9	1.5 3.7	141.0 141.0	0.39 < 1.00 ✓ 125.4 ≤ 250 ✓
D185-Dikme P48x3	N = -6.57 M = 164.67 / 0.82	G+Q+Wsy	15.5 59.7	36.7 0.2	141.0 141.0	0.45 < 1.15 ✓ 125.4 ≤ 250 ✓
D186-Dikme P48x3	N = -7.76 M = 11.60 / 6.67	G+Q+Nx	18.3 51.9	2.6 1.5	141.0 141.0	0.37 < 1.00 ✓ 125.4 ≤ 250 ✓
D187-Dikme P48x3	N = -6.24 M = 189.10 / 0.37	G+Q+Wsy	14.7 59.7	42.1 0.1	141.0 141.0	0.45 < 1.15 ✓ 125.4 ≤ 250 ✓
D188-Dikme P48x3	N = -6.43 M = 4.03 / 9.05	G+Q+Nx	15.2 51.9	0.9 2.0	141.0 141.0	0.30 < 1.00 ✓ 125.4 ≤ 250 ✓
D189-Dikme P48x3	N = -4.70 M = 152.74 / 1.88	G+Q+Wsy	11.1 59.7	34.0 0.4	141.0 141.0	0.34 < 1.15 ✓ 125.4 ≤ 250 ✓
D190-Dikme P48x3	N = -4.89 M = 7.30 / 32.47	G+Q+Nx	11.5 51.9	1.6 7.2	141.0 141.0	0.25 < 1.00 ✓ 125.4 ≤ 250 ✓
D191-Dikme P48x3	N = -3.20 M = 203.09 / 0.71	G+Q+Wsy	7.5 59.7	45.2 0.2	141.0 141.0	0.47 < 1.15 ✓ 125.4 ≤ 250 ✓
D192-Dikme P48x3	N = -2.82 M = 42.47 / 6.48	G+Q	6.6 51.9	9.5 1.4	141.0 141.0	0.21 < 1.00 ✓ 125.4 ≤ 250 ✓

D193-Dikme P48x3	N = -7.58 M = 3.01 / 0.05	G+Q	17.9 51.9	0.7 0.0	141.0 141.0	0.35 < 1.00 ✓ 125.4 ≤ 250 ✓
D194-Dikme P48x3	N = -9.06 M = 23.49 / 0.37	G+Q+Wsy	21.4 59.7	5.2 0.1	141.0 141.0	0.44 < 1.15 ✓ 125.4 ≤ 250 ✓
D195-Dikme P48x3	N = -7.24 M = 6.20 / 1.72	G+Q+Nx	17.1 51.9	1.4 0.4	141.0 141.0	0.34 < 1.00 ✓ 125.4 ≤ 250 ✓
D196-Dikme P48x3	N = -8.26 M = 178.83 / 0.21	G+Q+Wsy	19.5 59.7	39.8 0.0	141.0 141.0	0.56 < 1.15 ✓ 125.4 ≤ 250 ✓
D197-Dikme P48x3	N = -6.90 M = 6.07 / 0.18	G+Q+Nx	16.3 51.9	1.4 0.0	141.0 141.0	0.32 < 1.00 ✓ 125.4 ≤ 250 ✓
D198-Dikme P48x3	N = -7.86 M = 186.57 / 0.37	G+Q+Wsy	18.5 59.7	41.5 0.1	141.0 141.0	0.54 < 1.15 ✓ 125.4 ≤ 250 ✓
D199-Dikme P48x3	N = -6.55 M = 7.17 / 2.33	G+Q+Nx	15.4 51.9	1.6 0.5	141.0 141.0	0.31 < 1.00 ✓ 125.4 ≤ 250 ✓
D200-Dikme P48x3	N = -7.50 M = 174.63 / 0.35	G+Q+Wsy	17.7 59.7	38.9 0.1	141.0 141.0	0.51 < 1.15 ✓ 125.4 ≤ 250 ✓
D201-Dikme P48x3	N = -6.19 M = 6.32 / 3.16	G+Q+Nx	14.6 51.9	1.4 0.7	141.0 141.0	0.29 < 1.00 ✓ 125.4 ≤ 250 ✓
D202-Dikme P48x3	N = -7.11 M = 188.31 / 0.36	G+Q+Wsy	16.8 59.7	41.9 0.1	141.0 141.0	0.50 < 1.15 ✓ 125.4 ≤ 250 ✓
D203-Dikme P48x3	N = -5.84 M = 21.41 / 7.38	G+Q+Nx	13.8 51.9	4.8 1.6	141.0 141.0	0.29 < 1.00 ✓ 125.4 ≤ 250 ✓
D204-Dikme P48x3	N = -6.77 M = 179.69 / 0.38	G+Q+Wsy	16.0 59.7	40.0 0.1	141.0 141.0	0.47 < 1.15 ✓ 125.4 ≤ 250 ✓
D205-Dikme P48x3	N = -4.29 M = 26.82 / 40.46	G+Q+Nx	10.1 51.9	6.0 9.0	141.0 141.0	0.25 < 1.00 ✓ 125.4 ≤ 250 ✓
D206-Dikme P48x3	N = -5.22 M = 181.48 / 0.51	G+Q+Wsy	12.3 59.7	40.4 0.1	141.0 141.0	0.39 < 1.15 ✓ 125.4 ≤ 250 ✓
D207-Dikme P48x3	N = -2.74 M = 48.68 / 48.79	G+Q+Nx	6.5 51.9	10.8 10.9	141.0 141.0	0.28 < 1.00 ✓ 125.4 ≤ 250 ✓
D208-Dikme P48x3	N = -3.66 M = 758.38 / 0.62	G+Q+Wy	8.6 59.7	168.8 0.1	141.0 141.0	0.74 < 1.15 ✓ 125.4 ≤ 250 ✓
D209-Dikme P48x3	N = -8.32 M = 150.42 / 0.42	G+Q+Wsy	19.6 59.7	33.5 0.1	141.0 141.0	0.53 < 1.15 ✓ 125.4 ≤ 250 ✓
D210-Dikme P48x3	N = -8.17 M = 1.77 / 0.34	G+Q+Nx	19.3 51.9	0.4 0.1	141.0 141.0	0.37 < 1.00 ✓ 125.4 ≤ 250 ✓
D211-Dikme P48x3	N = -7.69 M = 265.37 / 0.34	G+Q+Wsy	18.1 59.7	59.1 0.1	141.0 141.0	0.61 < 1.15 ✓ 125.4 ≤ 250 ✓
D212-Dikme P48x3	N = -7.74 M = 4.54 / 0.39	G+Q	18.3 51.9	1.0 0.1	141.0 141.0	0.36 < 1.00 ✓ 125.4 ≤ 250 ✓
D213-Dikme P48x3	N = -7.10 M = 172.84 / 0.50	G+Q+Wsy	16.7 59.7	38.5 0.1	141.0 141.0	0.48 < 1.15 ✓ 125.4 ≤ 250 ✓
D214-Dikme P48x3	N = -7.31 M = 2.45 / 0.20	G+Q	17.2 51.9	0.5 0.0	141.0 141.0	0.33 < 1.00 ✓ 125.4 ≤ 250 ✓
D215-Dikme P48x3	N = -6.80 M = 167.59 / 0.07	G+Q+Wsy	16.0 59.7	37.3 0.0	141.0 141.0	0.46 < 1.15 ✓ 125.4 ≤ 250 ✓
D216-Dikme P48x3	N = -6.89 M = 2.55 / 0.50	G+Q	16.3 51.9	0.6 0.1	141.0 141.0	0.32 < 1.00 ✓ 125.4 ≤ 250 ✓
D217-Dikme P48x3	N = -6.48 M = 169.30 / 0.52	G+Q+Wsy	15.3 59.7	37.7 0.1	141.0 141.0	0.45 < 1.15 ✓ 125.4 ≤ 250 ✓
D218-Dikme P48x3	N = -6.47 M = 1.14 / 1.42	G+Q+Nx	15.3 51.9	0.3 0.3	141.0 141.0	0.30 < 1.00 ✓ 125.4 ≤ 250 ✓
D219-Dikme P48x3	N = -6.17 M = 184.58 / 0.30	G+Q+Wsy	14.6 59.7	41.1 0.1	141.0 141.0	0.44 < 1.15 ✓ 125.4 ≤ 250 ✓
D220-Dikme P48x3	N = -6.06 M = 15.35 / 1.33	G+Q+Wsx	14.3 59.7	3.4 0.3	141.0 141.0	0.29 < 1.15 ✓ 125.4 ≤ 250 ✓

D221-Dikme P48x3	N = -4.66 M = 157.71 / 0.26	G+Q+Wsy	11.0 59.7	35.1 0.1	141.0 141.0	0.34 < 1.15 ✓ 125.4 ≤ 250 ✓
D222-Dikme P48x3	N = -4.44 M = 20.38 / 8.10	G+Q+Nx	10.5 51.9	4.5 1.8	141.0 141.0	0.22 < 1.00 ✓ 125.4 ≤ 250 ✓
D223-Dikme P48x3	N = -3.18 M = 197.90 / 0.38	G+Q+Wsy	7.5 59.7	44.0 0.1	141.0 141.0	0.46 < 1.15 ✓ 125.4 ≤ 250 ✓
D224-Dikme P48x3	N = -2.82 M = 45.00 / 0.63	G+Q	6.7 51.9	10.0 0.1	141.0 141.0	0.20 < 1.00 ✓ 125.4 ≤ 250 ✓
D225-Dikme P48x3	N = -7.58 M = 3.01 / 0.09	G+Q+Nx	17.9 51.9	0.7 0.0	141.0 141.0	0.35 < 1.00 ✓ 125.4 ≤ 250 ✓
D226-Dikme P48x3	N = -9.06 M = 23.51 / 0.39	G+Q+Wsy	21.4 59.7	5.2 0.1	141.0 141.0	0.44 < 1.15 ✓ 125.4 ≤ 250 ✓
D227-Dikme P48x3	N = -7.24 M = 6.26 / 0.06	G+Q	17.1 51.9	1.4 0.0	141.0 141.0	0.33 < 1.00 ✓ 125.4 ≤ 250 ✓
D228-Dikme P48x3	N = -8.26 M = 178.83 / 0.48	G+Q+Wsy	19.5 59.7	39.8 0.1	141.0 141.0	0.56 < 1.15 ✓ 125.4 ≤ 250 ✓
D229-Dikme P48x3	N = -6.90 M = 6.01 / 0.31	G+Q	16.3 51.9	1.3 0.1	141.0 141.0	0.32 < 1.00 ✓ 125.4 ≤ 250 ✓
D230-Dikme P48x3	N = -7.86 M = 186.57 / 0.18	G+Q+Wsy	18.5 59.7	41.5 0.0	141.0 141.0	0.54 < 1.15 ✓ 125.4 ≤ 250 ✓
D231-Dikme P48x3	N = -6.55 M = 7.20 / 1.36	G+Q+Wsx	15.4 59.7	1.6 0.3	141.0 141.0	0.31 < 1.15 ✓ 125.4 ≤ 250 ✓
D232-Dikme P48x3	N = -7.50 M = 174.62 / 0.53	G+Q+Wsy	17.7 59.7	38.9 0.1	141.0 141.0	0.51 < 1.15 ✓ 125.4 ≤ 250 ✓
D233-Dikme P48x3	N = -6.19 M = 6.30 / 0.42	G+Q	14.6 51.9	1.4 0.1	141.0 141.0	0.29 < 1.00 ✓ 125.4 ≤ 250 ✓
D234-Dikme P48x3	N = -7.11 M = 188.31 / 0.07	G+Q+Wsy	16.8 59.7	41.9 0.0	141.0 141.0	0.50 < 1.15 ✓ 125.4 ≤ 250 ✓
D235-Dikme P48x3	N = -5.84 M = 21.44 / 0.12	G+Q	13.8 51.9	4.8 0.0	141.0 141.0	0.28 < 1.00 ✓ 125.4 ≤ 250 ✓
D236-Dikme P48x3	N = -6.77 M = 179.67 / 0.57	G+Q+Wsy	16.0 59.7	40.0 0.1	141.0 141.0	0.47 < 1.15 ✓ 125.4 ≤ 250 ✓
D237-Dikme P48x3	N = -4.28 M = 26.82 / 0.98	G+Q	10.1 51.9	6.0 0.2	141.0 141.0	0.22 < 1.00 ✓ 125.4 ≤ 250 ✓
D238-Dikme P48x3	N = -5.22 M = 181.49 / 0.38	G+Q+Wsy	12.3 59.7	40.4 0.1	141.0 141.0	0.39 < 1.15 ✓ 125.4 ≤ 250 ✓
D239-Dikme P48x3	N = -2.74 M = 48.61 / 0.69	G+Q	6.5 51.9	10.8 0.2	141.0 141.0	0.20 < 1.00 ✓ 125.4 ≤ 250 ✓
D240-Dikme P48x3	N = -3.66 M = 758.39 / 0.17	G+Q+Wy	8.6 59.7	168.8 0.0	141.0 141.0	0.74 < 1.15 ✓ 125.4 ≤ 250 ✓
D241-Dikme P48x3	N = -8.37 M = 150.18 / 2.91	G+Q+Wsy	19.7 59.7	33.4 0.6	141.0 141.0	0.54 < 1.15 ✓ 125.4 ≤ 250 ✓
D242-Dikme P48x3	N = -7.92 M = 2.09 / 22.00	G+Q+Ny	18.7 51.9	0.5 4.9	141.0 141.0	0.38 < 1.00 ✓ 125.4 ≤ 250 ✓
D243-Dikme P48x3	N = -7.74 M = 265.56 / 1.81	G+Q+Wsy	18.2 59.7	59.1 0.4	141.0 141.0	0.61 < 1.15 ✓ 125.4 ≤ 250 ✓
D244-Dikme P48x3	N = -7.70 M = 4.65 / 23.94	G+Q+Ny	18.2 51.9	1.0 5.3	141.0 141.0	0.38 < 1.00 ✓ 125.4 ≤ 250 ✓
D245-Dikme P48x3	N = -7.15 M = 171.93 / 2.65	G+Q+Wsy	16.8 59.7	38.3 0.6	141.0 141.0	0.49 < 1.15 ✓ 125.4 ≤ 250 ✓
D246-Dikme P48x3	N = -7.40 M = 187.24 / 15.60	G+Q+Wsy	17.5 59.7	41.7 3.5	141.0 141.0	0.53 < 1.15 ✓ 125.4 ≤ 250 ✓
D247-Dikme P48x3	N = -6.84 M = 168.61 / 1.08	G+Q+Wsy	16.1 59.7	37.5 0.2	141.0 141.0	0.47 < 1.15 ✓ 125.4 ≤ 250 ✓
D248-Dikme P48x3	N = -6.93 M = 3.02 / 17.11	G+Q+Ny	16.3 51.9	0.7 3.8	141.0 141.0	0.33 < 1.00 ✓ 125.4 ≤ 250 ✓

D249-Dikme P48x3	N = -6.51 M = 167.78 / 1.97	G+Q+Wsy	15.4 59.7	37.3 0.4	141.0 141.0	0.45 < 1.15 ✓ 125.4 ≤ 250 ✓
D250-Dikme P48x3	N = -6.51 M = 0.87 / 12.16	G+Q+Ny	15.3 51.9	0.2 2.7	141.0 141.0	0.31 < 1.00 ✓ 125.4 ≤ 250 ✓
D251-Dikme P48x3	N = -6.19 M = 186.10 / 0.24	G+Q+Wsy	14.6 59.7	41.4 0.1	141.0 141.0	0.45 < 1.15 ✓ 125.4 ≤ 250 ✓
D252-Dikme P48x3	N = -6.10 M = 14.75 / 14.00	G+Q+Ny	14.4 51.9	3.3 3.1	141.0 141.0	0.30 < 1.00 ✓ 125.4 ≤ 250 ✓
D253-Dikme P48x3	N = -4.67 M = 155.96 / 0.51	G+Q+Wsy	11.0 59.7	34.7 0.1	141.0 141.0	0.34 < 1.15 ✓ 125.4 ≤ 250 ✓
D254-Dikme P48x3	N = -4.47 M = 21.07 / 10.62	G+Q	10.5 51.9	4.7 2.4	141.0 141.0	0.23 < 1.00 ✓ 125.4 ≤ 250 ✓
D255-Dikme P48x3	N = -3.19 M = 199.71 / 0.28	G+Q+Wsy	7.5 59.7	44.5 0.1	141.0 141.0	0.46 < 1.15 ✓ 125.4 ≤ 250 ✓
D256-Dikme P48x3	N = -2.86 M = 56.89 / 50.60	G+Q+Nx	6.7 51.9	12.7 11.3	141.0 141.0	0.30 < 1.00 ✓ 125.4 ≤ 250 ✓
D257-Dikme P48x3	N = -7.97 M = 4.77 / 0.15	G+Q+Nx	18.8 51.9	1.1 0.0	141.0 141.0	0.37 < 1.00 ✓ 125.4 ≤ 250 ✓
D258-Dikme P48x3	N = -10.96 M = 0.46 / 0.76	G+Q+Nx	25.8 51.9	0.1 0.2	141.0 141.0	0.50 < 1.00 ✓ 125.4 ≤ 250 ✓
D259-Dikme P48x3	N = -7.61 M = 14.06 / 1.13	G+Q+Nx	17.9 51.9	3.1 0.3	141.0 141.0	0.36 < 1.00 ✓ 125.4 ≤ 250 ✓
D260-Dikme P48x3	N = -10.55 M = 4.57 / 2.13	G+Q+Nx	24.9 51.9	1.0 0.5	141.0 141.0	0.49 < 1.00 ✓ 125.4 ≤ 250 ✓
D261-Dikme P48x3	N = -7.22 M = 13.49 / 0.83	G+Q+Nx	17.0 51.9	3.0 0.2	141.0 141.0	0.34 < 1.00 ✓ 125.4 ≤ 250 ✓
D262-Dikme P48x3	N = -9.04 M = 4.67 / 1.22	G+Q+Nx	21.3 51.9	1.0 0.3	141.0 141.0	0.42 < 1.00 ✓ 125.4 ≤ 250 ✓
D263-Dikme P48x3	N = -6.82 M = 19.34 / 1.42	G+Q+Nx	16.1 51.9	4.3 0.3	141.0 141.0	0.33 < 1.00 ✓ 125.4 ≤ 250 ✓
D264-Dikme P48x3	N = -8.67 M = 9.75 / 7.58	G+Q+Nx	20.4 51.9	2.2 1.7	141.0 141.0	0.41 < 1.00 ✓ 125.4 ≤ 250 ✓
D265-Dikme P48x3	N = -6.40 M = 17.95 / 4.31	G+Q+Nx	15.1 51.9	4.0 1.0	141.0 141.0	0.31 < 1.00 ✓ 125.4 ≤ 250 ✓
D266-Dikme P48x3	N = -7.31 M = 11.44 / 5.02	G+Q+Nx	17.2 51.9	2.5 1.1	141.0 141.0	0.35 < 1.00 ✓ 125.4 ≤ 250 ✓
D267-Dikme P48x3	N = -5.97 M = 36.21 / 6.08	G+Q+Nx	14.1 51.9	8.1 1.4	141.0 141.0	0.31 < 1.00 ✓ 125.4 ≤ 250 ✓
D268-Dikme P48x3	N = -6.97 M = 7.36 / 3.47	G+Q+Nx	16.4 51.9	1.6 0.8	141.0 141.0	0.33 < 1.00 ✓ 125.4 ≤ 250 ✓
D269-Dikme P48x3	N = -4.33 M = 40.97 / 23.40	G+Q+Nx	10.2 51.9	9.1 5.2	141.0 141.0	0.25 < 1.00 ✓ 125.4 ≤ 250 ✓
D270-Dikme P48x3	N = -5.25 M = 182.21 / 9.47	G+Q+Wsy	12.4 59.7	40.6 2.1	141.0 141.0	0.40 < 1.15 ✓ 125.4 ≤ 250 ✓
D271-Dikme P48x3	N = -2.74 M = 48.90 / 2.09	G+Q+Wsx	6.5 59.7	10.9 0.5	141.0 141.0	0.20 < 1.15 ✓ 125.4 ≤ 250 ✓
D272-Dikme P48x3	N = -3.67 M = 758.71 / 2.76	G+Q+Wy	8.7 59.7	168.9 0.6	141.0 141.0	0.74 < 1.15 ✓ 125.4 ≤ 250 ✓
D273-Dikme P48x3	N = -8.32 M = 150.26 / 0.63	G+Q+Wsy	19.6 59.7	33.4 0.1	141.0 141.0	0.53 < 1.15 ✓ 125.4 ≤ 250 ✓
D274-Dikme P48x3	N = -8.17 M = 1.81 / 0.19	G+Q+Nx	19.3 51.9	0.4 0.0	141.0 141.0	0.37 < 1.00 ✓ 125.4 ≤ 250 ✓
D275-Dikme P48x3	N = -7.69 M = 265.08 / 0.63	G+Q+Wsy	18.1 59.7	59.0 0.1	141.0 141.0	0.61 < 1.15 ✓ 125.4 ≤ 250 ✓
D276-Dikme P48x3	N = -7.74 M = 4.51 / 1.73	G+Q+Nx	18.3 51.9	1.0 0.4	141.0 141.0	0.36 < 1.00 ✓ 125.4 ≤ 250 ✓

D277-Dikme P48x3	N = -7.10 M = 172.55 / 0.74	G+Q+Ws _y	16.7 59.7	38.4 0.2	141.0 141.0	0.48 < 1.15 ✓ 125.4 ≤ 250 ✓
D278-Dikme P48x3	N = -7.32 M = 2.47 / 0.70	G+Q+N _x	17.2 51.9	0.6 0.2	141.0 141.0	0.34 < 1.00 ✓ 125.4 ≤ 250 ✓
D279-Dikme P48x3	N = -6.80 M = 167.33 / 0.35	G+Q+Ws _y	16.0 59.7	37.2 0.1	141.0 141.0	0.46 < 1.15 ✓ 125.4 ≤ 250 ✓
D280-Dikme P48x3	N = -6.89 M = 2.55 / 1.64	G+Q+Ws _x	16.3 59.7	0.6 0.4	141.0 141.0	0.32 < 1.15 ✓ 125.4 ≤ 250 ✓
D281-Dikme P48x3	N = -6.48 M = 169.07 / 0.78	G+Q+Ws _y	15.3 59.7	37.6 0.2	141.0 141.0	0.45 < 1.15 ✓ 125.4 ≤ 250 ✓
D282-Dikme P48x3	N = -6.47 M = 1.17 / 0.36	G+Q	15.3 51.9	0.3 0.1	141.0 141.0	0.30 < 1.00 ✓ 125.4 ≤ 250 ✓
D283-Dikme P48x3	N = -6.17 M = 184.36 / 0.15	G+Q+Ws _y	14.5 59.7	41.0 0.0	141.0 141.0	0.44 < 1.15 ✓ 125.4 ≤ 250 ✓
D284-Dikme P48x3	N = -6.06 M = 15.36 / 0.80	G+Q	14.3 51.9	3.4 0.2	141.0 141.0	0.29 < 1.00 ✓ 125.4 ≤ 250 ✓
D285-Dikme P48x3	N = -4.66 M = 157.45 / 0.40	G+Q+Ws _y	11.0 59.7	35.0 0.1	141.0 141.0	0.34 < 1.15 ✓ 125.4 ≤ 250 ✓
D286-Dikme P48x3	N = -4.44 M = 20.29 / 8.29	G+Q+N _x	10.5 51.9	4.5 1.8	141.0 141.0	0.22 < 1.00 ✓ 125.4 ≤ 250 ✓
D287-Dikme P48x3	N = -3.18 M = 197.69 / 0.35	G+Q+Ws _y	7.5 59.7	44.0 0.1	141.0 141.0	0.46 < 1.15 ✓ 125.4 ≤ 250 ✓
D288-Dikme P48x3	N = -2.82 M = 45.02 / 9.80	G+Q+N _x	6.7 51.9	10.0 2.2	141.0 141.0	0.21 < 1.00 ✓ 125.4 ≤ 250 ✓
D289-Dikme P48x3	N = -4.10 M = 1.60 / 0.16	G+Q	9.7 51.9	0.4 0.0	141.0 141.0	0.19 < 1.00 ✓ 125.4 ≤ 250 ✓
D290-Dikme P48x3	N = -6.04 M = 60.22 / 0.48	G+Q+W _y	14.2 59.7	13.4 0.1	141.0 141.0	0.33 < 1.15 ✓ 125.4 ≤ 250 ✓
D291-Dikme P48x3	N = -3.89 M = 3.32 / 0.20	G+Q	9.2 51.9	0.7 0.0	141.0 141.0	0.18 < 1.00 ✓ 125.4 ≤ 250 ✓
D292-Dikme P48x3	N = -4.66 M = 178.79 / 0.68	G+Q+Ws _y	11.0 59.7	39.8 0.2	141.0 141.0	0.36 < 1.15 ✓ 125.4 ≤ 250 ✓
D293-Dikme P48x3	N = -3.68 M = 3.17 / 0.45	G+Q	8.7 51.9	0.7 0.1	141.0 141.0	0.17 < 1.00 ✓ 125.4 ≤ 250 ✓
D294-Dikme P48x3	N = -4.51 M = 554.48 / 0.30	G+Q+W _y	10.6 59.7	123.4 0.1	141.0 141.0	0.65 < 1.15 ✓ 125.4 ≤ 250 ✓
D295-Dikme P48x3	N = -3.47 M = 3.77 / 0.08	G+Q	8.2 51.9	0.8 0.0	141.0 141.0	0.16 < 1.00 ✓ 125.4 ≤ 250 ✓
D296-Dikme P48x3	N = -4.36 M = 527.03 / 0.53	G+Q+W _y	10.3 59.7	117.3 0.1	141.0 141.0	0.61 < 1.15 ✓ 125.4 ≤ 250 ✓
D297-Dikme P48x3	N = -3.25 M = 3.32 / 0.55	G+Q	7.7 51.9	0.7 0.1	141.0 141.0	0.15 < 1.00 ✓ 125.4 ≤ 250 ✓
D298-Dikme P48x3	N = -4.24 M = 581.98 / 0.29	G+Q+W _y	10.0 59.7	129.5 0.1	141.0 141.0	0.65 < 1.15 ✓ 125.4 ≤ 250 ✓
D299-Dikme P48x3	N = -3.04 M = 10.90 / 0.03	G+Q	7.2 51.9	2.4 0.0	141.0 141.0	0.16 < 1.00 ✓ 125.4 ≤ 250 ✓
D300-Dikme P48x3	N = -4.16 M = 537.59 / 0.66	G+Q+W _y	9.8 59.7	119.7 0.1	141.0 141.0	0.61 < 1.15 ✓ 125.4 ≤ 250 ✓
D301-Dikme P48x3	N = -2.22 M = 13.59 / 1.03	G+Q	5.2 51.9	3.0 0.2	141.0 141.0	0.12 < 1.00 ✓ 125.4 ≤ 250 ✓
D302-Dikme P48x3	N = -3.85 M = 639.33 / 0.21	G+Q+W _y	9.1 59.7	142.3 0.0	141.0 141.0	0.66 < 1.15 ✓ 125.4 ≤ 250 ✓
D303-Dikme P48x3	N = -1.41 M = 24.35 / 0.70	G+Q	3.3 51.9	5.4 0.2	141.0 141.0	0.10 < 1.00 ✓ 125.4 ≤ 250 ✓
D304-Dikme P48x3	N = -2.94 M = 774.50 / 0.25	G+Q+W _y	6.9 59.7	172.4 0.1	141.0 141.0	1.06 < 1.15 ✓ 125.4 ≤ 250 ✓

C1-Çapraz P42.4x2.5	N = -0.52 M = 0.00 / 0.00	G+Q	1.7 15.9	0.0 0.0	141.0 141.0	0.11 < 1.00 ✓ 226.5 ≤ 250 ✓
C2-Çapraz P42.4x2.5	N = -0.60 M = 0.00 / 0.00	G+Q+Wx	1.9 18.2	0.0 0.0	141.0 141.0	0.12 < 1.15 ✓ 226.5 ≤ 250 ✓
C3-Çapraz P42.4x2.5	N = -0.47 M = 0.00 / 0.00	G+Q	1.5 15.9	0.0 0.0	141.0 141.0	0.09 < 1.00 ✓ 226.5 ≤ 250 ✓
C4-Çapraz P42.4x2.5	N = -0.35 M = 0.00 / 0.00	G+Q+Wx	1.1 18.2	0.0 0.0	141.0 141.0	0.07 < 1.15 ✓ 226.5 ≤ 250 ✓
C5-Çapraz P42.4x2.5	N = -0.46 M = 0.00 / 0.00	G+Q	1.5 15.9	0.0 0.0	141.0 141.0	0.09 < 1.00 ✓ 226.5 ≤ 250 ✓
C6-Çapraz P42.4x2.5	N = -0.27 M = 0.00 / 0.00	G+Q+Wy	0.8 18.2	0.0 0.0	141.0 141.0	0.05 < 1.15 ✓ 226.5 ≤ 250 ✓
C7-Çapraz P42.4x2.5	N = -0.31 M = 0.00 / 0.00	G+Q	1.0 15.9	0.0 0.0	141.0 141.0	0.06 < 1.00 ✓ 226.5 ≤ 250 ✓
C8-Çapraz P42.4x2.5	N = -0.25 M = 0.00 / 0.00	G+Q+Nx	0.8 15.9	0.0 0.0	141.0 141.0	0.05 < 1.00 ✓ 226.5 ≤ 250 ✓
C9-Çapraz P42.4x2.5	N = -1.27 M = 0.00 / 0.00	G+Q+Wx	4.1 18.2	0.0 0.0	141.0 141.0	0.26 < 1.15 ✓ 226.5 ≤ 250 ✓
C10-Çapraz P42.4x2.5	N = -0.34 M = 0.00 / 0.00	G+Q+Wy	1.1 18.2	0.0 0.0	141.0 141.0	0.07 < 1.15 ✓ 226.5 ≤ 250 ✓
C11-Çapraz P42.4x2.5	N = -0.89 M = 0.00 / 0.00	G+Q+Wx	2.8 18.2	0.0 0.0	141.0 141.0	0.18 < 1.15 ✓ 226.5 ≤ 250 ✓
C12-Çapraz P42.4x2.5	N = -0.45 M = 0.00 / 0.00	G+Q+Wy	1.4 18.2	0.0 0.0	141.0 141.0	0.09 < 1.15 ✓ 226.5 ≤ 250 ✓
C13-Çapraz P42.4x2.5	N = -0.80 M = 0.00 / 0.00	G+Q+Nx	2.6 15.9	0.0 0.0	141.0 141.0	0.16 < 1.00 ✓ 226.5 ≤ 250 ✓
C14-Çapraz P42.4x2.5	N = -0.46 M = 0.00 / 0.00	G+Q+Wy	1.5 18.2	0.0 0.0	141.0 141.0	0.09 < 1.15 ✓ 226.5 ≤ 250 ✓
C15-Çapraz P42.4x2.5	N = -0.59 M = 0.00 / 0.00	G+Q+Nx	1.9 15.9	0.0 0.0	141.0 141.0	0.12 < 1.00 ✓ 226.5 ≤ 250 ✓
C16-Çapraz P42.4x2.5	N = -0.06 M = 0.00 / 0.00	G+Q+Wy	0.2 18.2	0.0 0.0	141.0 141.0	0.01 < 1.15 ✓ 226.5 ≤ 250 ✓
C17-Çapraz P42.4x2.5	N = -0.19 M = 0.00 / 0.00	G+Q	0.6 15.9	0.0 0.0	141.0 141.0	0.04 < 1.00 ✓ 226.5 ≤ 250 ✓
C18-Çapraz P42.4x2.5	N = -0.89 M = 0.00 / 0.00	G+Q+Wx	2.9 18.2	0.0 0.0	141.0 141.0	0.18 < 1.15 ✓ 226.5 ≤ 250 ✓
C19-Çapraz P42.4x2.5	N = -0.03 M = 0.00 / 0.00	G+Q	0.1 15.9	0.0 0.0	141.0 141.0	0.01 < 1.00 ✓ 226.5 ≤ 250 ✓
C20-Çapraz P42.4x2.5	N = -0.78 M = 0.00 / 0.00	G+Q+Nx	2.5 15.9	0.0 0.0	141.0 141.0	0.16 < 1.00 ✓ 226.5 ≤ 250 ✓
C22-Çapraz P42.4x2.5	N = -0.77 M = 0.00 / 0.00	G+Q+Nx	2.4 15.9	0.0 0.0	141.0 141.0	0.15 < 1.00 ✓ 226.5 ≤ 250 ✓
C24-Çapraz P42.4x2.5	N = -0.29 M = 0.00 / 0.00	G+Q+Nx	0.9 15.9	0.0 0.0	141.0 141.0	0.06 < 1.00 ✓ 226.5 ≤ 250 ✓
C25-Çapraz P42.4x2.5	N = -1.28 M = 0.00 / 0.00	G+Q+Wx	4.1 18.2	0.0 0.0	141.0 141.0	0.26 < 1.15 ✓ 226.5 ≤ 250 ✓
C26-Çapraz P42.4x2.5	N = -0.34 M = 0.00 / 0.00	G+Q+Wy	1.1 18.2	0.0 0.0	141.0 141.0	0.07 < 1.15 ✓ 226.5 ≤ 250 ✓
C27-Çapraz P42.4x2.5	N = -0.89 M = 0.00 / 0.00	G+Q+Wx	2.8 18.2	0.0 0.0	141.0 141.0	0.18 < 1.15 ✓ 226.5 ≤ 250 ✓
C28-Çapraz P42.4x2.5	N = -0.44 M = 0.00 / 0.00	G+Q+Wy	1.4 18.2	0.0 0.0	141.0 141.0	0.09 < 1.15 ✓ 226.5 ≤ 250 ✓
C29-Çapraz P42.4x2.5	N = -0.79 M = 0.00 / 0.00	G+Q+Nx	2.5 15.9	0.0 0.0	141.0 141.0	0.16 < 1.00 ✓ 226.5 ≤ 250 ✓
C30-Çapraz P42.4x2.5	N = -0.45 M = 0.00 / 0.00	G+Q+Wy	1.4 18.2	0.0 0.0	141.0 141.0	0.09 < 1.15 ✓ 226.5 ≤ 250 ✓

C31-Çapraz P42.4x2.5	N = -0.57 M = 0.00 / 0.00	G+Q+Nx	1.8 15.9	0.0 0.0	141.0 141.0	0.11 < 1.00 ✓ 226.5 ≤ 250 ✓
C32-Çapraz P42.4x2.5	N = -0.06 M = 0.00 / 0.00	G+Q+Wy	0.2 18.2	0.0 0.0	141.0 141.0	0.01 < 1.15 ✓ 226.5 ≤ 250 ✓
K1-Korkuluk P33.7x2.5	N = 0.00 M = 0.00 / 0.00	G+Q+Wsy	0.0 18.3	0.0 0.0	141.0 141.0	0.00 < 1.15 ✓
K2-Korkuluk P33.7x2.5	N = -0.01 M = 0.00 / 0.00	G+Q+Wx	0.0 18.3	0.0 0.0	141.0 141.0	0.00 < 1.15 ✓
K3-Korkuluk P33.7x2.5	N = -0.04 M = 0.00 / 0.00	G+Q+Wx	0.2 18.3	0.0 0.0	141.0 141.0	0.01 < 1.15 ✓
K4-Korkuluk P33.7x2.5	N = 0.00 M = 0.00 / 0.00	G+Q+Wy	0.0 18.3	0.0 0.0	141.0 141.0	0.00 < 1.15 ✓
K6-Korkuluk P33.7x2.5	N = -0.04 M = 0.00 / 0.00	G+Q+Wx	0.1 18.3	0.0 0.0	141.0 141.0	0.01 < 1.15 ✓
K7-Korkuluk P33.7x2.5	N = -0.03 M = 0.00 / 0.00	G+Q+Wx	0.1 18.3	0.0 0.0	141.0 141.0	0.01 < 1.15 ✓
K10-Korkuluk P33.7x2.5	N = -0.04 M = 0.00 / 0.00	G+Q+Wx	0.1 18.3	0.0 0.0	141.0 141.0	0.01 < 1.15 ✓
K11-Korkuluk P33.7x2.5	N = -0.02 M = 0.00 / 0.00	G+Q+Wx	0.1 18.3	0.0 0.0	141.0 141.0	0.00 < 1.15 ✓
K12-Korkuluk P33.7x2.5	N = -0.03 M = 0.00 / 0.00	G+Q	0.1 15.9	0.0 0.0	141.0 141.0	0.01 < 1.00 ✓
K13-Korkuluk P33.7x2.5	N = -0.05 M = 0.00 / 0.00	G+Q	0.2 15.9	0.0 0.0	141.0 141.0	0.01 < 1.00 ✓
K14-Korkuluk P33.7x2.5	N = -0.02 M = 0.00 / 0.00	G+Q+Wy	0.1 18.3	0.0 0.0	141.0 141.0	0.01 < 1.15 ✓
K15-Korkuluk P33.7x2.5	N = -0.14 M = 0.00 / 0.00	G+Q+Nx	0.6 15.9	0.0 0.0	141.0 141.0	0.04 < 1.00 ✓
K16-Korkuluk P33.7x2.5	N = -0.07 M = 0.00 / 0.00	G+Q	0.3 15.9	0.0 0.0	141.0 141.0	0.02 < 1.00 ✓
K17-Korkuluk P33.7x2.5	N = 0.00 M = 0.00 / 0.00	G+Q+Wx	0.0 18.3	0.0 0.0	141.0 141.0	0.00 < 1.15 ✓
K18-Korkuluk P33.7x2.5	N = -0.04 M = 0.00 / 0.00	G+Q+Wsy	0.2 18.3	0.0 0.0	141.0 141.0	0.01 < 1.15 ✓
K19-Korkuluk P33.7x2.5	N = -0.09 M = 0.00 / 0.00	G+Q+Wsy	0.4 18.3	0.0 0.0	141.0 141.0	0.02 < 1.15 ✓
K22-Korkuluk P33.7x2.5	N = -0.03 M = 0.00 / 0.00	G+Q+Wsy	0.1 18.3	0.0 0.0	141.0 141.0	0.01 < 1.15 ✓
K23-Korkuluk P33.7x2.5	N = -0.06 M = 0.00 / 0.00	G+Q+Wy	0.2 18.3	0.0 0.0	141.0 141.0	0.01 < 1.15 ✓
K26-Korkuluk P33.7x2.5	N = -0.04 M = 0.00 / 0.00	G+Q	0.2 15.9	0.0 0.0	141.0 141.0	0.01 < 1.00 ✓
K27-Korkuluk P33.7x2.5	N = -0.06 M = 0.00 / 0.00	G+Q+Ny	0.2 15.9	0.0 0.0	141.0 141.0	0.02 < 1.00 ✓
K28-Korkuluk P33.7x2.5	N = -0.01 M = 0.00 / 0.00	G+Q	0.0 15.9	0.0 0.0	141.0 141.0	0.00 < 1.00 ✓
K29-Korkuluk P33.7x2.5	N = -0.01 M = 0.00 / 0.00	G+Q	0.1 15.9	0.0 0.0	141.0 141.0	0.00 < 1.00 ✓
K30-Korkuluk P33.7x2.5	N = -0.08 M = 0.00 / 0.00	G+Q	0.3 15.9	0.0 0.0	141.0 141.0	0.02 < 1.00 ✓
K31-Korkuluk P33.7x2.5	N = -0.26 M = 0.00 / 0.00	G+Q+Nx	1.1 15.9	0.0 0.0	141.0 141.0	0.07 < 1.00 ✓
K32-Korkuluk P33.7x2.5	N = -0.01 M = 0.00 / 0.00	G+Q	0.0 15.9	0.0 0.0	141.0 141.0	0.00 < 1.00 ✓
K34-Korkuluk P33.7x2.5	N = -0.04 M = 0.00 / 0.00	G+Q+Wsy	0.2 18.3	0.0 0.0	141.0 141.0	0.01 < 1.15 ✓

K35-Korkuluk P33.7x2.5	N = -0.09 M = 0.00 / 0.00	G+Q+Wsy	0.4 18.3	0.0 0.0	141.0 141.0	0.02 < 1.15 ✓
K38-Korkuluk P33.7x2.5	N = -0.03 M = 0.00 / 0.00	G+Q+Wsy	0.1 18.3	0.0 0.0	141.0 141.0	0.01 < 1.15 ✓
K39-Korkuluk P33.7x2.5	N = -0.06 M = 0.00 / 0.00	G+Q+Wy	0.2 18.3	0.0 0.0	141.0 141.0	0.01 < 1.15 ✓
K42-Korkuluk P33.7x2.5	N = -0.04 M = 0.00 / 0.00	G+Q	0.2 15.9	0.0 0.0	141.0 141.0	0.01 < 1.00 ✓
K43-Korkuluk P33.7x2.5	N = -0.06 M = 0.00 / 0.00	G+Q+Ny	0.2 15.9	0.0 0.0	141.0 141.0	0.02 < 1.00 ✓
K44-Korkuluk P33.7x2.5	N = -0.01 M = 0.00 / 0.00	G+Q	0.0 15.9	0.0 0.0	141.0 141.0	0.00 < 1.00 ✓
K45-Korkuluk P33.7x2.5	N = -0.02 M = 0.00 / 0.00	G+Q	0.1 15.9	0.0 0.0	141.0 141.0	0.00 < 1.00 ✓
K46-Korkuluk P33.7x2.5	N = -0.08 M = 0.00 / 0.00	G+Q	0.3 15.9	0.0 0.0	141.0 141.0	0.02 < 1.00 ✓
K47-Korkuluk P33.7x2.5	N = -0.14 M = 0.00 / 0.00	G+Q	0.6 15.9	0.0 0.0	141.0 141.0	0.04 < 1.00 ✓
K48-Korkuluk P33.7x2.5	N = -0.01 M = 0.00 / 0.00	G+Q+Wsx	0.1 18.3	0.0 0.0	141.0 141.0	0.00 < 1.15 ✓
K50-Korkuluk P33.7x2.5	N = -0.04 M = 0.00 / 0.00	G+Q+Wsy	0.2 18.3	0.0 0.0	141.0 141.0	0.01 < 1.15 ✓
K51-Korkuluk P33.7x2.5	N = -0.09 M = 0.00 / 0.00	G+Q+Wsy	0.4 18.3	0.0 0.0	141.0 141.0	0.02 < 1.15 ✓
K54-Korkuluk P33.7x2.5	N = -0.03 M = 0.00 / 0.00	G+Q+Wsy	0.1 18.3	0.0 0.0	141.0 141.0	0.01 < 1.15 ✓
K55-Korkuluk P33.7x2.5	N = -0.06 M = 0.00 / 0.00	G+Q+Wy	0.2 18.3	0.0 0.0	141.0 141.0	0.01 < 1.15 ✓
K58-Korkuluk P33.7x2.5	N = -0.03 M = 0.00 / 0.00	G+Q+Ny	0.1 15.9	0.0 0.0	141.0 141.0	0.01 < 1.00 ✓
K59-Korkuluk P33.7x2.5	N = -0.06 M = 0.00 / 0.00	G+Q+Ny	0.2 15.9	0.0 0.0	141.0 141.0	0.02 < 1.00 ✓
K60-Korkuluk P33.7x2.5	N = 0.00 M = 0.00 / 0.00	G+Q	0.0 15.9	0.0 0.0	141.0 141.0	0.00 < 1.00 ✓
K61-Korkuluk P33.7x2.5	N = -0.02 M = 0.00 / 0.00	G+Q	0.1 15.9	0.0 0.0	141.0 141.0	0.00 < 1.00 ✓
K62-Korkuluk P33.7x2.5	N = -0.08 M = 0.00 / 0.00	G+Q	0.3 15.9	0.0 0.0	141.0 141.0	0.02 < 1.00 ✓
K63-Korkuluk P33.7x2.5	N = -0.17 M = 0.00 / 0.00	G+Q+Nx	0.7 15.9	0.0 0.0	141.0 141.0	0.04 < 1.00 ✓
K64-Korkuluk P33.7x2.5	N = -0.01 M = 0.00 / 0.00	G+Q	0.1 15.9	0.0 0.0	141.0 141.0	0.00 < 1.00 ✓
K66-Korkuluk P33.7x2.5	N = -0.05 M = 0.00 / 0.00	G+Q+Nx	0.2 15.9	0.0 0.0	141.0 141.0	0.01 < 1.00 ✓
K67-Korkuluk P33.7x2.5	N = -0.09 M = 0.00 / 0.00	G+Q+Nx	0.4 15.9	0.0 0.0	141.0 141.0	0.02 < 1.00 ✓
K70-Korkuluk P33.7x2.5	N = -0.03 M = 0.00 / 0.00	G+Q+Wsy	0.1 18.3	0.0 0.0	141.0 141.0	0.01 < 1.15 ✓
K71-Korkuluk P33.7x2.5	N = -0.06 M = 0.00 / 0.00	G+Q+Wy	0.2 18.3	0.0 0.0	141.0 141.0	0.01 < 1.15 ✓
K74-Korkuluk P33.7x2.5	N = -0.04 M = 0.00 / 0.00	G+Q+Nx	0.1 15.9	0.0 0.0	141.0 141.0	0.01 < 1.00 ✓
K75-Korkuluk P33.7x2.5	N = -0.06 M = 0.00 / 0.00	G+Q+Wsx	0.3 18.3	0.0 0.0	141.0 141.0	0.02 < 1.15 ✓
K76-Korkuluk P33.7x2.5	N = -0.01 M = 0.00 / 0.00	G+Q+Nx	0.0 15.9	0.0 0.0	141.0 141.0	0.00 < 1.00 ✓

K77-Korkuluk P33.7x2.5	N = -0.03 M = 0.00 / 0.00	G+Q+Wx	0.1 18.3	0.0 0.0	141.0 141.0	0.01 < 1.15 ✓
K78-Korkuluk P33.7x2.5	N = -0.08 M = 0.00 / 0.00	G+Q	0.3 15.9	0.0 0.0	141.0 141.0	0.02 < 1.00 ✓
K79-Korkuluk P33.7x2.5	N = -0.13 M = 0.00 / 0.00	G+Q	0.5 15.9	0.0 0.0	141.0 141.0	0.03 < 1.00 ✓
K80-Korkuluk P33.7x2.5	N = -0.19 M = 0.00 / 0.00	G+Q+Nx	0.8 15.9	0.0 0.0	141.0 141.0	0.05 < 1.00 ✓
K81-Korkuluk P33.7x2.5	N = -0.03 M = 0.00 / 0.00	G+Q+Wx	0.1 18.3	0.0 0.0	141.0 141.0	0.01 < 1.15 ✓
K84-Korkuluk P33.7x2.5	N = -0.04 M = 0.00 / 0.00	G+Q+Wx	0.2 18.3	0.0 0.0	141.0 141.0	0.01 < 1.15 ✓
K85-Korkuluk P33.7x2.5	N = -0.03 M = 0.00 / 0.00	G+Q+Wx	0.1 18.3	0.0 0.0	141.0 141.0	0.01 < 1.15 ✓
K88-Korkuluk P33.7x2.5	N = -0.03 M = 0.00 / 0.00	G+Q+Wx	0.1 18.3	0.0 0.0	141.0 141.0	0.01 < 1.15 ✓
K89-Korkuluk P33.7x2.5	N = -0.03 M = 0.00 / 0.00	G+Q+Wx	0.1 18.3	0.0 0.0	141.0 141.0	0.01 < 1.15 ✓
K90-Korkuluk P33.7x2.5	N = 0.00 M = 0.00 / 0.00	G+Q	0.0 15.9	0.0 0.0	141.0 141.0	0.00 < 1.00 ✓
K92-Korkuluk P33.7x2.5	N = -0.05 M = 0.00 / 0.00	G+Q+Wx	0.2 18.3	0.0 0.0	141.0 141.0	0.01 < 1.15 ✓
K93-Korkuluk P33.7x2.5	N = -0.07 M = 0.00 / 0.00	G+Q+Nx	0.3 15.9	0.0 0.0	141.0 141.0	0.02 < 1.00 ✓
K94-Korkuluk P33.7x2.5	N = -0.06 M = 0.00 / 0.00	G+Q+Wy	0.2 18.3	0.0 0.0	141.0 141.0	0.01 < 1.15 ✓
K95-Korkuluk P33.7x2.5	N = -0.11 M = 0.00 / 0.00	G+Q+Wy	0.5 18.3	0.0 0.0	141.0 141.0	0.03 < 1.15 ✓
K96-Korkuluk P33.7x2.5	N = -0.21 M = 0.00 / 0.00	G+Q+Nx	0.9 15.9	0.0 0.0	141.0 141.0	0.05 < 1.00 ✓
K97-Korkuluk P33.7x2.5	N = -0.02 M = 0.00 / 0.00	G+Q+Wx	0.1 18.3	0.0 0.0	141.0 141.0	0.01 < 1.15 ✓
K100-Korkuluk P33.7x2.5	N = -0.02 M = 0.00 / 0.00	G+Q+Ws _y	0.1 18.3	0.0 0.0	141.0 141.0	0.01 < 1.15 ✓
K101-Korkuluk P33.7x2.5	N = -0.01 M = 0.00 / 0.00	G+Q	0.0 15.9	0.0 0.0	141.0 141.0	0.00 < 1.00 ✓
K104-Korkuluk P33.7x2.5	N = -0.02 M = 0.00 / 0.00	G+Q+Ws _y	0.1 18.3	0.0 0.0	141.0 141.0	0.00 < 1.15 ✓
K105-Korkuluk P33.7x2.5	N = -0.02 M = 0.00 / 0.00	G+Q+Nx	0.1 15.9	0.0 0.0	141.0 141.0	0.01 < 1.00 ✓
K108-Korkuluk P33.7x2.5	N = -0.04 M = 0.00 / 0.00	G+Q+Ws _y	0.2 18.3	0.0 0.0	141.0 141.0	0.01 < 1.15 ✓
K109-Korkuluk P33.7x2.5	N = -0.06 M = 0.00 / 0.00	G+Q+Ws _y	0.3 18.3	0.0 0.0	141.0 141.0	0.02 < 1.15 ✓
K110-Korkuluk P33.7x2.5	N = -0.03 M = 0.00 / 0.00	G+Q	0.1 15.9	0.0 0.0	141.0 141.0	0.01 < 1.00 ✓
K111-Korkuluk P33.7x2.5	N = -0.06 M = 0.00 / 0.00	G+Q+Ws _y	0.3 18.3	0.0 0.0	141.0 141.0	0.02 < 1.15 ✓
K112-Korkuluk P33.7x2.5	N = -0.04 M = 0.00 / 0.00	G+Q	0.2 15.9	0.0 0.0	141.0 141.0	0.01 < 1.00 ✓
K113-Korkuluk P33.7x2.5	N = -0.01 M = 0.00 / 0.00	G+Q+Ws _y	0.1 18.3	0.0 0.0	141.0 141.0	0.00 < 1.15 ✓
K116-Korkuluk P33.7x2.5	N = -0.02 M = 0.00 / 0.00	G+Q+Ws _y	0.1 18.3	0.0 0.0	141.0 141.0	0.00 < 1.15 ✓
K117-Korkuluk P33.7x2.5	N = -0.01 M = 0.00 / 0.00	G+Q	0.0 15.9	0.0 0.0	141.0 141.0	0.00 < 1.00 ✓

K120-Korkuluk P33.7x2.5	N = -0.02 M = 0.00 / 0.00	G+Q+Wsy	0.1 18.3	0.0 0.0	141.0 141.0	0.00 < 1.15 ✓
K121-Korkuluk P33.7x2.5	N = -0.02 M = 0.00 / 0.00	G+Q+Nx	0.1 15.9	0.0 0.0	141.0 141.0	0.01 < 1.00 ✓
K124-Korkuluk P33.7x2.5	N = -0.04 M = 0.00 / 0.00	G+Q+Wsy	0.2 18.3	0.0 0.0	141.0 141.0	0.01 < 1.15 ✓
K125-Korkuluk P33.7x2.5	N = -0.06 M = 0.00 / 0.00	G+Q+Wsy	0.3 18.3	0.0 0.0	141.0 141.0	0.02 < 1.15 ✓
K126-Korkuluk P33.7x2.5	N = -0.03 M = 0.00 / 0.00	G+Q	0.1 15.9	0.0 0.0	141.0 141.0	0.01 < 1.00 ✓
K127-Korkuluk P33.7x2.5	N = -0.13 M = 0.00 / 0.00	G+Q+Nx	0.5 15.9	0.0 0.0	141.0 141.0	0.03 < 1.00 ✓
K128-Korkuluk P33.7x2.5	N = -0.03 M = 0.00 / 0.00	G+Q	0.1 15.9	0.0 0.0	141.0 141.0	0.01 < 1.00 ✓
K129-Korkuluk P33.7x2.5	N = -0.02 M = 0.00 / 0.00	G+Q+Wsy	0.1 18.3	0.0 0.0	141.0 141.0	0.00 < 1.15 ✓
K132-Korkuluk P33.7x2.5	N = -0.02 M = 0.00 / 0.00	G+Q+Wsy	0.1 18.3	0.0 0.0	141.0 141.0	0.01 < 1.15 ✓
K133-Korkuluk P33.7x2.5	N = -0.01 M = 0.00 / 0.00	G+Q+Wx	0.1 18.3	0.0 0.0	141.0 141.0	0.00 < 1.15 ✓
K136-Korkuluk P33.7x2.5	N = -0.02 M = 0.00 / 0.00	G+Q+Wsy	0.1 18.3	0.0 0.0	141.0 141.0	0.00 < 1.15 ✓
K137-Korkuluk P33.7x2.5	N = -0.02 M = 0.00 / 0.00	G+Q+Wsx	0.1 18.3	0.0 0.0	141.0 141.0	0.01 < 1.15 ✓
K140-Korkuluk P33.7x2.5	N = -0.04 M = 0.00 / 0.00	G+Q+Wsy	0.2 18.3	0.0 0.0	141.0 141.0	0.01 < 1.15 ✓
K141-Korkuluk P33.7x2.5	N = -0.06 M = 0.00 / 0.00	G+Q+Wsy	0.3 18.3	0.0 0.0	141.0 141.0	0.02 < 1.15 ✓
K142-Korkuluk P33.7x2.5	N = -0.03 M = 0.00 / 0.00	G+Q	0.1 15.9	0.0 0.0	141.0 141.0	0.01 < 1.00 ✓
K143-Korkuluk P33.7x2.5	N = -0.06 M = 0.00 / 0.00	G+Q+Wsy	0.3 18.3	0.0 0.0	141.0 141.0	0.02 < 1.15 ✓
K144-Korkuluk P33.7x2.5	N = -0.11 M = 0.00 / 0.00	G+Q+Nx	0.4 15.9	0.0 0.0	141.0 141.0	0.03 < 1.00 ✓
K145-Korkuluk P33.7x2.5	N = -0.02 M = 0.00 / 0.00	G+Q+Wsy	0.1 18.3	0.0 0.0	141.0 141.0	0.00 < 1.15 ✓
K146-Korkuluk P33.7x2.5	N = 0.00 M = 0.00 / 0.00	G+Q+Wx	0.0 18.3	0.0 0.0	141.0 141.0	0.00 < 1.15 ✓
K148-Korkuluk P33.7x2.5	N = -0.02 M = 0.00 / 0.00	G+Q+Wsy	0.1 18.3	0.0 0.0	141.0 141.0	0.01 < 1.15 ✓
K149-Korkuluk P33.7x2.5	N = -0.02 M = 0.00 / 0.00	G+Q+Wx	0.1 18.3	0.0 0.0	141.0 141.0	0.01 < 1.15 ✓
K152-Korkuluk P33.7x2.5	N = -0.02 M = 0.00 / 0.00	G+Q+Wsy	0.1 18.3	0.0 0.0	141.0 141.0	0.01 < 1.15 ✓
K153-Korkuluk P33.7x2.5	N = -0.03 M = 0.00 / 0.00	G+Q+Wx	0.1 18.3	0.0 0.0	141.0 141.0	0.01 < 1.15 ✓
K155-Korkuluk P33.7x2.5	N = -0.02 M = 0.00 / 0.00	G+Q+Wx	0.1 18.3	0.0 0.0	141.0 141.0	0.00 < 1.15 ✓
K156-Korkuluk P33.7x2.5	N = -0.04 M = 0.00 / 0.00	G+Q+Nx	0.2 15.9	0.0 0.0	141.0 141.0	0.01 < 1.00 ✓
K157-Korkuluk P33.7x2.5	N = -0.07 M = 0.00 / 0.00	G+Q+Wsy	0.3 18.3	0.0 0.0	141.0 141.0	0.02 < 1.15 ✓
K158-Korkuluk P33.7x2.5	N = -0.06 M = 0.00 / 0.00	G+Q+Nx	0.2 15.9	0.0 0.0	141.0 141.0	0.01 < 1.00 ✓
K159-Korkuluk P33.7x2.5	N = -0.07 M = 0.00 / 0.00	G+Q+Wsy	0.3 18.3	0.0 0.0	141.0 141.0	0.02 < 1.15 ✓

K160-Korkuluk P33.7x2.5	N = -0.05 M = 0.00 / 0.00	G+Q+Nx	0.2 15.9	0.0 0.0	141.0 141.0	0.01 < 1.00 ✓
K161-Korkuluk P33.7x2.5	N = -0.02 M = 0.00 / 0.00	G+Q+Wsy	0.1 18.3	0.0 0.0	141.0 141.0	0.01 < 1.15 ✓
K162-Korkuluk P33.7x2.5	N = -0.01 M = 0.00 / 0.00	G+Q+Wx	0.0 18.3	0.0 0.0	141.0 141.0	0.00 < 1.15 ✓
K163-Korkuluk P33.7x2.5	N = -0.03 M = 0.00 / 0.00	G+Q+Wx	0.1 18.3	0.0 0.0	141.0 141.0	0.01 < 1.15 ✓
K164-Korkuluk P33.7x2.5	N = -0.02 M = 0.00 / 0.00	G+Q+Wy	0.1 18.3	0.0 0.0	141.0 141.0	0.01 < 1.15 ✓
K165-Korkuluk P33.7x2.5	N = -0.01 M = 0.00 / 0.00	G+Q+Wy	0.0 18.3	0.0 0.0	141.0 141.0	0.00 < 1.15 ✓
K166-Korkuluk P33.7x2.5	N = -0.02 M = 0.00 / 0.00	G+Q+Wx	0.1 18.3	0.0 0.0	141.0 141.0	0.01 < 1.15 ✓
K167-Korkuluk P33.7x2.5	N = -0.02 M = 0.00 / 0.00	G+Q+Wx	0.1 18.3	0.0 0.0	141.0 141.0	0.01 < 1.15 ✓
K168-Korkuluk P33.7x2.5	N = -0.01 M = 0.00 / 0.00	G+Q+Wy	0.0 18.3	0.0 0.0	141.0 141.0	0.00 < 1.15 ✓
K170-Korkuluk P33.7x2.5	N = -0.03 M = 0.00 / 0.00	G+Q+Wx	0.1 18.3	0.0 0.0	141.0 141.0	0.01 < 1.15 ✓
K171-Korkuluk P33.7x2.5	N = -0.05 M = 0.00 / 0.00	G+Q+Wx	0.2 18.3	0.0 0.0	141.0 141.0	0.01 < 1.15 ✓
K172-Korkuluk P33.7x2.5	N = 0.00 M = 0.00 / 0.00	G+Q	0.0 15.9	0.0 0.0	141.0 141.0	0.00 < 1.00 ✓
K174-Korkuluk P33.7x2.5	N = -0.09 M = 0.00 / 0.00	G+Q+Nx	0.4 15.9	0.0 0.0	141.0 141.0	0.02 < 1.00 ✓
K175-Korkuluk P33.7x2.5	N = -0.26 M = 0.00 / 0.00	G+Q+Nx	1.1 15.9	0.0 0.0	141.0 141.0	0.07 < 1.00 ✓
K176-Korkuluk P33.7x2.5	N = -0.01 M = 0.00 / 0.00	G+Q	0.0 15.9	0.0 0.0	141.0 141.0	0.00 < 1.00 ✓
K178-Korkuluk P33.7x2.5	N = -0.06 M = 0.00 / 0.00	G+Q+Wsy	0.2 18.3	0.0 0.0	141.0 141.0	0.01 < 1.15 ✓
K179-Korkuluk P33.7x2.5	N = -0.11 M = 0.00 / 0.00	G+Q+Wsy	0.4 18.3	0.0 0.0	141.0 141.0	0.03 < 1.15 ✓
K182-Korkuluk P33.7x2.5	N = -0.04 M = 0.00 / 0.00	G+Q+Wsy	0.1 18.3	0.0 0.0	141.0 141.0	0.01 < 1.15 ✓
K183-Korkuluk P33.7x2.5	N = -0.08 M = 0.00 / 0.00	G+Q+Wsy	0.3 18.3	0.0 0.0	141.0 141.0	0.02 < 1.15 ✓
K186-Korkuluk P33.7x2.5	N = -0.03 M = 0.00 / 0.00	G+Q+Ny	0.1 15.9	0.0 0.0	141.0 141.0	0.01 < 1.00 ✓
K187-Korkuluk P33.7x2.5	N = -0.06 M = 0.00 / 0.00	G+Q+Ny	0.3 15.9	0.0 0.0	141.0 141.0	0.02 < 1.00 ✓
K190-Korkuluk P33.7x2.5	N = -0.03 M = 0.00 / 0.00	G+Q	0.1 15.9	0.0 0.0	141.0 141.0	0.01 < 1.00 ✓
K191-Korkuluk P33.7x2.5	N = -0.17 M = 0.00 / 0.00	G+Q+Nx	0.7 15.9	0.0 0.0	141.0 141.0	0.04 < 1.00 ✓
K192-Korkuluk P33.7x2.5	N = -0.02 M = 0.00 / 0.00	G+Q	0.1 15.9	0.0 0.0	141.0 141.0	0.00 < 1.00 ✓
K194-Korkuluk P33.7x2.5	N = -0.06 M = 0.00 / 0.00	G+Q+Wsy	0.2 18.3	0.0 0.0	141.0 141.0	0.01 < 1.15 ✓
K195-Korkuluk P33.7x2.5	N = -0.11 M = 0.00 / 0.00	G+Q+Wsy	0.4 18.3	0.0 0.0	141.0 141.0	0.03 < 1.15 ✓
K198-Korkuluk P33.7x2.5	N = -0.04 M = 0.00 / 0.00	G+Q+Wsy	0.2 18.3	0.0 0.0	141.0 141.0	0.01 < 1.15 ✓
K199-Korkuluk P33.7x2.5	N = -0.08 M = 0.00 / 0.00	G+Q+Wsy	0.3 18.3	0.0 0.0	141.0 141.0	0.02 < 1.15 ✓

K202-Korkuluk P33.7x2.5	N = -0.03 M = 0.00 / 0.00	G+Q+Ny	0.1 15.9	0.0 0.0	141.0 141.0	0.01 < 1.00 ✓
K203-Korkuluk P33.7x2.5	N = -0.06 M = 0.00 / 0.00	G+Q+Ny	0.2 15.9	0.0 0.0	141.0 141.0	0.02 < 1.00 ✓
K206-Korkuluk P33.7x2.5	N = -0.03 M = 0.00 / 0.00	G+Q	0.1 15.9	0.0 0.0	141.0 141.0	0.01 < 1.00 ✓
K207-Korkuluk P33.7x2.5	N = -0.04 M = 0.00 / 0.00	G+Q	0.2 15.9	0.0 0.0	141.0 141.0	0.01 < 1.00 ✓
K208-Korkuluk P33.7x2.5	N = -0.01 M = 0.00 / 0.00	G+Q	0.1 15.9	0.0 0.0	141.0 141.0	0.00 < 1.00 ✓
K210-Korkuluk P33.7x2.5	N = -0.06 M = 0.00 / 0.00	G+Q+Wsy	0.2 18.3	0.0 0.0	141.0 141.0	0.01 < 1.15 ✓
K211-Korkuluk P33.7x2.5	N = -0.11 M = 0.00 / 0.00	G+Q+Wsy	0.4 18.3	0.0 0.0	141.0 141.0	0.03 < 1.15 ✓
K214-Korkuluk P33.7x2.5	N = -0.04 M = 0.00 / 0.00	G+Q+Wsy	0.2 18.3	0.0 0.0	141.0 141.0	0.01 < 1.15 ✓
K215-Korkuluk P33.7x2.5	N = -0.08 M = 0.00 / 0.00	G+Q+Wsy	0.3 18.3	0.0 0.0	141.0 141.0	0.02 < 1.15 ✓
K218-Korkuluk P33.7x2.5	N = -0.03 M = 0.00 / 0.00	G+Q+Nx	0.1 15.9	0.0 0.0	141.0 141.0	0.01 < 1.00 ✓
K219-Korkuluk P33.7x2.5	N = -0.06 M = 0.00 / 0.00	G+Q+Wsx	0.3 18.3	0.0 0.0	141.0 141.0	0.02 < 1.15 ✓
K222-Korkuluk P33.7x2.5	N = -0.05 M = 0.00 / 0.00	G+Q+Nx	0.2 15.9	0.0 0.0	141.0 141.0	0.01 < 1.00 ✓
K223-Korkuluk P33.7x2.5	N = -0.11 M = 0.00 / 0.00	G+Q+Nx	0.4 15.9	0.0 0.0	141.0 141.0	0.03 < 1.00 ✓
K224-Korkuluk P33.7x2.5	N = -0.01 M = 0.00 / 0.00	G+Q	0.0 15.9	0.0 0.0	141.0 141.0	0.00 < 1.00 ✓
K226-Korkuluk P33.7x2.5	N = -0.06 M = 0.00 / 0.00	G+Q+Wsx	0.2 18.3	0.0 0.0	141.0 141.0	0.01 < 1.15 ✓
K227-Korkuluk P33.7x2.5	N = -0.11 M = 0.00 / 0.00	G+Q+Wsx	0.5 18.3	0.0 0.0	141.0 141.0	0.03 < 1.15 ✓
K229-Korkuluk P33.7x2.5	N = -0.01 M = 0.00 / 0.00	G+Q+Wx	0.0 18.3	0.0 0.0	141.0 141.0	0.00 < 1.15 ✓
K230-Korkuluk P33.7x2.5	N = -0.04 M = 0.00 / 0.00	G+Q+Wsy	0.2 18.3	0.0 0.0	141.0 141.0	0.01 < 1.15 ✓
K231-Korkuluk P33.7x2.5	N = -0.08 M = 0.00 / 0.00	G+Q+Wsy	0.3 18.3	0.0 0.0	141.0 141.0	0.02 < 1.15 ✓
K233-Korkuluk P33.7x2.5	N = 0.00 M = 0.00 / 0.00	G+Q+Wx	0.0 18.3	0.0 0.0	141.0 141.0	0.00 < 1.15 ✓
K234-Korkuluk P33.7x2.5	N = -0.04 M = 0.00 / 0.00	G+Q+Nx	0.1 15.9	0.0 0.0	141.0 141.0	0.01 < 1.00 ✓
K235-Korkuluk P33.7x2.5	N = -0.07 M = 0.00 / 0.00	G+Q+Wsx	0.3 18.3	0.0 0.0	141.0 141.0	0.02 < 1.15 ✓
K237-Korkuluk P33.7x2.5	N = -0.01 M = 0.00 / 0.00	G+Q+Wx	0.0 18.3	0.0 0.0	141.0 141.0	0.00 < 1.15 ✓
K238-Korkuluk P33.7x2.5	N = -0.04 M = 0.00 / 0.00	G+Q+Nx	0.2 15.9	0.0 0.0	141.0 141.0	0.01 < 1.00 ✓
K239-Korkuluk P33.7x2.5	N = -0.04 M = 0.00 / 0.00	G+Q	0.2 15.9	0.0 0.0	141.0 141.0	0.01 < 1.00 ✓
K240-Korkuluk P33.7x2.5	N = -0.16 M = 0.00 / 0.00	G+Q+Nx	0.7 15.9	0.0 0.0	141.0 141.0	0.04 < 1.00 ✓
K241-Korkuluk P33.7x2.5	N = -0.02 M = 0.00 / 0.00	G+Q+Wx	0.1 18.3	0.0 0.0	141.0 141.0	0.01 < 1.15 ✓
K244-Korkuluk P33.7x2.5	N = -0.04 M = 0.00 / 0.00	G+Q+Wx	0.2 18.3	0.0 0.0	141.0 141.0	0.01 < 1.15 ✓

K245-Korkuluk P33.7x2.5	N = -0.04 M = 0.00 / 0.00	G+Q+Wx	0.2 18.3	0.0 0.0	141.0 141.0	0.01 < 1.15 ✓
K246-Korkuluk P33.7x2.5	N = 0.00 M = 0.00 / 0.00	G+Q	0.0 15.9	0.0 0.0	141.0 141.0	0.00 < 1.00 ✓
K248-Korkuluk P33.7x2.5	N = -0.03 M = 0.00 / 0.00	G+Q+Wx	0.1 18.3	0.0 0.0	141.0 141.0	0.01 < 1.15 ✓
K249-Korkuluk P33.7x2.5	N = -0.03 M = 0.00 / 0.00	G+Q+Wx	0.1 18.3	0.0 0.0	141.0 141.0	0.01 < 1.15 ✓
K250-Korkuluk P33.7x2.5	N = 0.00 M = 0.00 / 0.00	G+Q+Ws _y	0.0 18.3	0.0 0.0	141.0 141.0	0.00 < 1.15 ✓
K251-Korkuluk P33.7x2.5	N = -0.01 M = 0.00 / 0.00	G+Q+W _y	0.0 18.3	0.0 0.0	141.0 141.0	0.00 < 1.15 ✓
K252-Korkuluk P33.7x2.5	N = -0.03 M = 0.00 / 0.00	G+Q+Wx	0.1 18.3	0.0 0.0	141.0 141.0	0.01 < 1.15 ✓
K253-Korkuluk P33.7x2.5	N = -0.03 M = 0.00 / 0.00	G+Q+N _x	0.1 15.9	0.0 0.0	141.0 141.0	0.01 < 1.00 ✓
K254-Korkuluk P33.7x2.5	N = -0.03 M = 0.00 / 0.00	G+Q+W _y	0.1 18.3	0.0 0.0	141.0 141.0	0.01 < 1.15 ✓
K255-Korkuluk P33.7x2.5	N = -0.06 M = 0.00 / 0.00	G+Q+W _y	0.2 18.3	0.0 0.0	141.0 141.0	0.01 < 1.15 ✓
K256-Korkuluk P33.7x2.5	N = -0.16 M = 0.00 / 0.00	G+Q+N _x	0.7 15.9	0.0 0.0	141.0 141.0	0.04 < 1.00 ✓
K257-Korkuluk P33.7x2.5	N = -0.02 M = 0.00 / 0.00	G+Q+Wx	0.1 18.3	0.0 0.0	141.0 141.0	0.00 < 1.15 ✓
K260-Korkuluk P33.7x2.5	N = -0.01 M = 0.00 / 0.00	G+Q+Ws _y	0.0 18.3	0.0 0.0	141.0 141.0	0.00 < 1.15 ✓
K261-Korkuluk P33.7x2.5	N = 0.00 M = 0.00 / 0.00	G+Q	0.0 15.9	0.0 0.0	141.0 141.0	0.00 < 1.00 ✓
K264-Korkuluk P33.7x2.5	N = -0.01 M = 0.00 / 0.00	G+Q+N _x	0.0 15.9	0.0 0.0	141.0 141.0	0.00 < 1.00 ✓
K265-Korkuluk P33.7x2.5	N = -0.01 M = 0.00 / 0.00	G+Q+N _x	0.0 15.9	0.0 0.0	141.0 141.0	0.00 < 1.00 ✓
K268-Korkuluk P33.7x2.5	N = -0.01 M = 0.00 / 0.00	G+Q+W _y	0.0 18.3	0.0 0.0	141.0 141.0	0.00 < 1.15 ✓
K269-Korkuluk P33.7x2.5	N = -0.01 M = 0.00 / 0.00	G+Q+W _y	0.0 18.3	0.0 0.0	141.0 141.0	0.00 < 1.15 ✓
K271-Korkuluk P33.7x2.5	N = -0.06 M = 0.00 / 0.00	G+Q+N _x	0.2 15.9	0.0 0.0	141.0 141.0	0.01 < 1.00 ✓
K272-Korkuluk P33.7x2.5	N = -0.01 M = 0.00 / 0.00	G+Q	0.0 15.9	0.0 0.0	141.0 141.0	0.00 < 1.00 ✓
K273-Korkuluk P33.7x2.5	N = -0.01 M = 0.00 / 0.00	G+Q+Wx	0.0 18.3	0.0 0.0	141.0 141.0	0.00 < 1.15 ✓
K276-Korkuluk P33.7x2.5	N = -0.01 M = 0.00 / 0.00	G+Q+N _x	0.0 15.9	0.0 0.0	141.0 141.0	0.00 < 1.00 ✓
K277-Korkuluk P33.7x2.5	N = 0.00 M = 0.00 / 0.00	G+Q	0.0 15.9	0.0 0.0	141.0 141.0	0.00 < 1.00 ✓
K278-Korkuluk P33.7x2.5	N = 0.00 M = 0.00 / 0.00	G+Q+Wx	0.0 18.3	0.0 0.0	141.0 141.0	0.00 < 1.15 ✓
K280-Korkuluk P33.7x2.5	N = 0.00 M = 0.00 / 0.00	G+Q+N _x	0.0 15.9	0.0 0.0	141.0 141.0	0.00 < 1.00 ✓
K281-Korkuluk P33.7x2.5	N = -0.01 M = 0.00 / 0.00	G+Q+N _x	0.0 15.9	0.0 0.0	141.0 141.0	0.00 < 1.00 ✓
K282-Korkuluk P33.7x2.5	N = 0.00 M = 0.00 / 0.00	G+Q+Wx	0.0 18.3	0.0 0.0	141.0 141.0	0.00 < 1.15 ✓
K284-Korkuluk P33.7x2.5	N = 0.00 M = 0.00 / 0.00	G+Q+W _y	0.0 18.3	0.0 0.0	141.0 141.0	0.00 < 1.15 ✓

K285-Korkuluk P33.7x2.5	N = 0.00 M = 0.00 / 0.00	G+Q+Wy	0.0 18.3	0.0 0.0	141.0 141.0	0.00 < 1.15 ✓
K286-Korkuluk P33.7x2.5	N = -0.01 M = 0.00 / 0.00	G+Q+Nx	0.0 15.9	0.0 0.0	141.0 141.0	0.00 < 1.00 ✓
K287-Korkuluk P33.7x2.5	N = -0.17 M = 0.00 / 0.00	G+Q+Nx	0.7 15.9	0.0 0.0	141.0 141.0	0.04 < 1.00 ✓
K288-Korkuluk P33.7x2.5	N = 0.00 M = 0.00 / 0.00	G+Q	0.0 15.9	0.0 0.0	141.0 141.0	0.00 < 1.00 ✓

Çekme Kontrolü

Eleman	Çekme (kN)	Komb.	A (mm ²)	σ_{eb} (N/mm ²)	σ_{cem} (N/mm ²)
D1-Dikme P48x3	0.06	G+Q+Wy	424.1	0.1	<162.2 ✓
D9-Dikme P48x3	0.08	G+Q+Wy	424.1	0.2	<162.2 ✓
D11-Dikme P48x3	0.45	G+Q+Wy	424.1	1.1	<162.2 ✓
D13-Dikme P48x3	1.19	G+Q+Wy	424.1	2.8	<162.2 ✓
D15-Dikme P48x3	1.33	G+Q+Wy	424.1	3.1	<162.2 ✓
D47-Dikme P48x3	0.56	G+Q+Wy	424.1	1.3	<162.2 ✓
D79-Dikme P48x3	0.56	G+Q+Wy	424.1	1.3	<162.2 ✓
D111-Dikme P48x3	0.55	G+Q+Wy	424.1	1.3	<162.2 ✓
D143-Dikme P48x3	0.56	G+Q+Wy	424.1	1.3	<162.2 ✓
D175-Dikme P48x3	0.55	G+Q+Wy	424.1	1.3	<162.2 ✓
D207-Dikme P48x3	0.56	G+Q+Wy	424.1	1.3	<162.2 ✓
D239-Dikme P48x3	0.56	G+Q+Wy	424.1	1.3	<162.2 ✓
D271-Dikme P48x3	0.55	G+Q+Wy	424.1	1.3	<162.2 ✓
D297-Dikme P48x3	0.06	G+Q+Wy	424.1	0.1	<162.2 ✓
D299-Dikme P48x3	0.44	G+Q+Wy	424.1	1.0	<162.2 ✓
D301-Dikme P48x3	1.19	G+Q+Wy	424.1	2.8	<162.2 ✓
D303-Dikme P48x3	1.34	G+Q+Wy	424.1	3.2	<162.2 ✓
C1-Çapraz P42.4x2.5	0.68	G+Q+Wx	313.4	2.2	<162.2 ✓
C2-Çapraz P42.4x2.5	0.42	G+Q	313.4	1.3	<141.0 ✓
C3-Çapraz P42.4x2.5	0.44	G+Q+Wx	313.4	1.4	<162.2 ✓
C4-Çapraz P42.4x2.5	0.42	G+Q	313.4	1.3	<141.0 ✓
C5-Çapraz P42.4x2.5	0.23	G+Q+Wy	313.4	0.7	<162.2 ✓
C6-Çapraz P42.4x2.5	0.38	G+Q	313.4	1.2	<141.0 ✓
C7-Çapraz P42.4x2.5	0.21	G+Q+Nx	313.4	0.7	<141.0 ✓
C8-Çapraz P42.4x2.5	0.05	G+Q	313.4	0.2	<141.0 ✓
C9-Çapraz P42.4x2.5	0.19	G+Q+Wy	313.4	0.6	<162.2 ✓
C10-Çapraz P42.4x2.5	1.00	G+Q+Wx	313.4	3.2	<162.2 ✓
C11-Çapraz P42.4x2.5	0.34	G+Q+Wy	313.4	1.1	<162.2 ✓
C12-Çapraz P42.4x2.5	0.75	G+Q+Nx	313.4	2.4	<141.0 ✓
C13-Çapraz P42.4x2.5	0.42	G+Q+Wy	313.4	1.4	<162.2 ✓
C14-Çapraz P42.4x2.5	0.68	G+Q+Nx	313.4	2.2	<141.0 ✓
C15-Çapraz P42.4x2.5	0.30	G+Q+Wy	313.4	1.0	<162.2 ✓
C16-Çapraz P42.4x2.5	0.28	G+Q+Nx	313.4	0.9	<141.0 ✓
C17-Çapraz P42.4x2.5	0.92	G+Q+Wx	313.4	2.9	<162.2 ✓
C19-Çapraz P42.4x2.5	0.74	G+Q+Wx	313.4	2.4	<162.2 ✓
C21-Çapraz P42.4x2.5	0.73	G+Q+Nx	313.4	2.3	<141.0 ✓
C23-Çapraz P42.4x2.5	0.54	G+Q+Nx	313.4	1.7	<141.0 ✓
C25-Çapraz P42.4x2.5	0.20	G+Q+Wy	313.4	0.6	<162.2 ✓

C26-Çapraz P42.4x2.5	1.02	G+Q+Wx	313.4	3.2	<162.2 ✓
C27-Çapraz P42.4x2.5	0.34	G+Q+Wy	313.4	1.1	<162.2 ✓
C28-Çapraz P42.4x2.5	0.75	G+Q+Nx	313.4	2.4	<141.0 ✓
C29-Çapraz P42.4x2.5	0.42	G+Q+Wy	313.4	1.3	<162.2 ✓
C30-Çapraz P42.4x2.5	0.67	G+Q+Nx	313.4	2.1	<141.0 ✓
C31-Çapraz P42.4x2.5	0.31	G+Q+Wy	313.4	1.0	<162.2 ✓
C32-Çapraz P42.4x2.5	0.29	G+Q+Nx	313.4	0.9	<141.0 ✓
K1-Korkuluk P33.7x2.5	0.00	G+Q+Wx	245.0	0.0	<162.2 ✓
K2-Korkuluk P33.7x2.5	0.00	G+Q+Ny	245.0	0.0	<141.0 ✓
K3-Korkuluk P33.7x2.5	0.00	G+Q+Wy	245.0	0.0	<162.2 ✓
K4-Korkuluk P33.7x2.5	0.05	G+Q+Wx	245.0	0.2	<162.2 ✓
K5-Korkuluk P33.7x2.5	0.10	G+Q+Wx	245.0	0.4	<162.2 ✓
K8-Korkuluk P33.7x2.5	0.05	G+Q+Wx	245.0	0.2	<162.2 ✓
K9-Korkuluk P33.7x2.5	0.10	G+Q+Wx	245.0	0.4	<162.2 ✓
K11-Korkuluk P33.7x2.5	0.01	G+Q	245.0	0.0	<141.0 ✓
K12-Korkuluk P33.7x2.5	0.03	G+Q+Wy	245.0	0.1	<162.2 ✓
K13-Korkuluk P33.7x2.5	0.07	G+Q+Wy	245.0	0.3	<162.2 ✓
K14-Korkuluk P33.7x2.5	0.02	G+Q	245.0	0.1	<141.0 ✓
K15-Korkuluk P33.7x2.5	0.05	G+Q	245.0	0.2	<141.0 ✓
K16-Korkuluk P33.7x2.5	0.23	G+Q+Nx	245.0	1.0	<141.0 ✓
K17-Korkuluk P33.7x2.5	0.02	G+Q+Wsy	245.0	0.1	<162.2 ✓
K18-Korkuluk P33.7x2.5	0.00	G+Q+Wx	245.0	0.0	<162.2 ✓
K20-Korkuluk P33.7x2.5	0.04	G+Q+Wsx	245.0	0.2	<162.2 ✓
K21-Korkuluk P33.7x2.5	0.08	G+Q+Wx	245.0	0.3	<162.2 ✓
K23-Korkuluk P33.7x2.5	0.01	G+Q+Wx	245.0	0.0	<162.2 ✓
K24-Korkuluk P33.7x2.5	0.03	G+Q+Wsx	245.0	0.1	<162.2 ✓
K25-Korkuluk P33.7x2.5	0.08	G+Q+Wx	245.0	0.3	<162.2 ✓
K27-Korkuluk P33.7x2.5	0.01	G+Q+Wx	245.0	0.0	<162.2 ✓
K28-Korkuluk P33.7x2.5	0.04	G+Q+Wy	245.0	0.2	<162.2 ✓
K29-Korkuluk P33.7x2.5	0.04	G+Q+Wy	245.0	0.2	<162.2 ✓
K30-Korkuluk P33.7x2.5	0.03	G+Q+Wy	245.0	0.1	<162.2 ✓
K31-Korkuluk P33.7x2.5	0.08	G+Q+Wy	245.0	0.3	<162.2 ✓
K32-Korkuluk P33.7x2.5	0.29	G+Q+Nx	245.0	1.2	<141.0 ✓
K33-Korkuluk P33.7x2.5	0.02	G+Q+Wsy	245.0	0.1	<162.2 ✓
K36-Korkuluk	0.04	G+Q+Nx	245.0	0.2	<141.0 ✓

P33.7x2.5					
K37-Korkuluk P33.7x2.5	0.04	G+Q+Nx	245.0	0.2	<141.0 ✓
K40-Korkuluk P33.7x2.5	0.03	G+Q+Wsy	245.0	0.1	<162.2 ✓
K41-Korkuluk P33.7x2.5	0.05	G+Q+Wsx	245.0	0.2	<162.2 ✓
K44-Korkuluk P33.7x2.5	0.04	G+Q+Wy	245.0	0.1	<162.2 ✓
K45-Korkuluk P33.7x2.5	0.04	G+Q+Wy	245.0	0.2	<162.2 ✓
K46-Korkuluk P33.7x2.5	0.04	G+Q+Wy	245.0	0.2	<162.2 ✓
K47-Korkuluk P33.7x2.5	0.08	G+Q+Wy	245.0	0.3	<162.2 ✓
K48-Korkuluk P33.7x2.5	0.02	G+Q+Nx	245.0	0.1	<141.0 ✓
K49-Korkuluk P33.7x2.5	0.02	G+Q+Wsx	245.0	0.1	<162.2 ✓
K52-Korkuluk P33.7x2.5	0.04	G+Q+Wsx	245.0	0.2	<162.2 ✓
K53-Korkuluk P33.7x2.5	0.04	G+Q+Wsx	245.0	0.2	<162.2 ✓
K56-Korkuluk P33.7x2.5	0.03	G+Q+Wsx	245.0	0.1	<162.2 ✓
K57-Korkuluk P33.7x2.5	0.04	G+Q+Wsx	245.0	0.2	<162.2 ✓
K60-Korkuluk P33.7x2.5	0.04	G+Q+Wy	245.0	0.1	<162.2 ✓
K61-Korkuluk P33.7x2.5	0.04	G+Q+Wy	245.0	0.2	<162.2 ✓
K62-Korkuluk P33.7x2.5	0.04	G+Q+Wy	245.0	0.2	<162.2 ✓
K63-Korkuluk P33.7x2.5	0.08	G+Q+Wy	245.0	0.3	<162.2 ✓
K64-Korkuluk P33.7x2.5	0.08	G+Q+Nx	245.0	0.3	<141.0 ✓
K65-Korkuluk P33.7x2.5	0.02	G+Q+Wx	245.0	0.1	<162.2 ✓
K68-Korkuluk P33.7x2.5	0.04	G+Q+Nx	245.0	0.2	<141.0 ✓
K69-Korkuluk P33.7x2.5	0.04	G+Q	245.0	0.1	<141.0 ✓
K72-Korkuluk P33.7x2.5	0.03	G+Q+Nx	245.0	0.1	<141.0 ✓
K73-Korkuluk P33.7x2.5	0.04	G+Q+Nx	245.0	0.2	<141.0 ✓
K76-Korkuluk P33.7x2.5	0.04	G+Q+Wy	245.0	0.2	<162.2 ✓
K77-Korkuluk P33.7x2.5	0.04	G+Q+Wy	245.0	0.2	<162.2 ✓
K78-Korkuluk P33.7x2.5	0.04	G+Q+Wy	245.0	0.2	<162.2 ✓
K79-Korkuluk P33.7x2.5	0.09	G+Q+Wy	245.0	0.4	<162.2 ✓
K80-Korkuluk P33.7x2.5	0.01	G+Q+Wy	245.0	0.0	<162.2 ✓

K82-Korkuluk P33.7x2.5	0.05	G+Q+Wx	245.0	0.2	<162.2 ✓
K83-Korkuluk P33.7x2.5	0.12	G+Q+Wx	245.0	0.5	<162.2 ✓
K85-Korkuluk P33.7x2.5	0.02	G+Q	245.0	0.1	<141.0 ✓
K86-Korkuluk P33.7x2.5	0.06	G+Q+Wx	245.0	0.2	<162.2 ✓
K87-Korkuluk P33.7x2.5	0.09	G+Q+Wx	245.0	0.4	<162.2 ✓
K88-Korkuluk P33.7x2.5	0.00	G+Q	245.0	0.0	<141.0 ✓
K89-Korkuluk P33.7x2.5	0.03	G+Q+Wsy	245.0	0.1	<162.2 ✓
K90-Korkuluk P33.7x2.5	0.05	G+Q+Wx	245.0	0.2	<162.2 ✓
K91-Korkuluk P33.7x2.5	0.08	G+Q+Wx	245.0	0.3	<162.2 ✓
K92-Korkuluk P33.7x2.5	0.02	G+Q+Wy	245.0	0.1	<162.2 ✓
K93-Korkuluk P33.7x2.5	0.08	G+Q+Wy	245.0	0.3	<162.2 ✓
K94-Korkuluk P33.7x2.5	0.02	G+Q+Wx	245.0	0.1	<162.2 ✓
K95-Korkuluk P33.7x2.5	0.17	G+Q+Nx	245.0	0.7	<141.0 ✓
K96-Korkuluk P33.7x2.5	0.07	G+Q+Wy	245.0	0.3	<162.2 ✓
K98-Korkuluk P33.7x2.5	0.04	G+Q+Wx	245.0	0.2	<162.2 ✓
K99-Korkuluk P33.7x2.5	0.08	G+Q+Wx	245.0	0.3	<162.2 ✓
K101-Korkuluk P33.7x2.5	0.03	G+Q+Wx	245.0	0.1	<162.2 ✓
K102-Korkuluk P33.7x2.5	0.03	G+Q+Wx	245.0	0.1	<162.2 ✓
K103-Korkuluk P33.7x2.5	0.07	G+Q+Wx	245.0	0.3	<162.2 ✓
K105-Korkuluk P33.7x2.5	0.02	G+Q+Wx	245.0	0.1	<162.2 ✓
K106-Korkuluk P33.7x2.5	0.03	G+Q+Wx	245.0	0.1	<162.2 ✓
K107-Korkuluk P33.7x2.5	0.06	G+Q+Wx	245.0	0.2	<162.2 ✓
K110-Korkuluk P33.7x2.5	0.01	G+Q+Nx	245.0	0.0	<141.0 ✓
K111-Korkuluk P33.7x2.5	0.01	G+Q+Wx	245.0	0.0	<162.2 ✓
K112-Korkuluk P33.7x2.5	0.11	G+Q+Nx	245.0	0.4	<141.0 ✓
K114-Korkuluk P33.7x2.5	0.02	G+Q+Wx	245.0	0.1	<162.2 ✓
K115-Korkuluk P33.7x2.5	0.06	G+Q+Nx	245.0	0.2	<141.0 ✓
K116-Korkuluk P33.7x2.5	0.00	G+Q+Wx	245.0	0.0	<162.2 ✓
K117-Korkuluk	0.02	G+Q+Wx	245.0	0.1	<162.2 ✓

P33.7x2.5					
K118-Korkuluk P33.7x2.5	0.03	G+Q+Nx	245.0	0.1	<141.0 ✓
K119-Korkuluk P33.7x2.5	0.05	G+Q+Wsx	245.0	0.2	<162.2 ✓
K120-Korkuluk P33.7x2.5	0.00	G+Q+Wx	245.0	0.0	<162.2 ✓
K121-Korkuluk P33.7x2.5	0.01	G+Q+Wx	245.0	0.1	<162.2 ✓
K122-Korkuluk P33.7x2.5	0.02	G+Q+Nx	245.0	0.1	<141.0 ✓
K123-Korkuluk P33.7x2.5	0.02	G+Q+Wx	245.0	0.1	<162.2 ✓
K128-Korkuluk P33.7x2.5	0.16	G+Q+Nx	245.0	0.6	<141.0 ✓
K130-Korkuluk P33.7x2.5	0.02	G+Q+Wsy	245.0	0.1	<162.2 ✓
K131-Korkuluk P33.7x2.5	0.05	G+Q+Wsx	245.0	0.2	<162.2 ✓
K134-Korkuluk P33.7x2.5	0.03	G+Q+Wx	245.0	0.1	<162.2 ✓
K135-Korkuluk P33.7x2.5	0.04	G+Q+Wsy	245.0	0.2	<162.2 ✓
K138-Korkuluk P33.7x2.5	0.02	G+Q+Wx	245.0	0.1	<162.2 ✓
K139-Korkuluk P33.7x2.5	0.02	G+Q+Wy	245.0	0.1	<162.2 ✓
K143-Korkuluk P33.7x2.5	0.05	G+Q+Nx	245.0	0.2	<141.0 ✓
K145-Korkuluk P33.7x2.5	0.00	G+Q+Wx	245.0	0.0	<162.2 ✓
K146-Korkuluk P33.7x2.5	0.02	G+Q+Wsy	245.0	0.1	<162.2 ✓
K147-Korkuluk P33.7x2.5	0.05	G+Q+Wsy	245.0	0.2	<162.2 ✓
K150-Korkuluk P33.7x2.5	0.02	G+Q+Nx	245.0	0.1	<141.0 ✓
K151-Korkuluk P33.7x2.5	0.05	G+Q+Wsy	245.0	0.2	<162.2 ✓
K154-Korkuluk P33.7x2.5	0.01	G+Q+Wsx	245.0	0.1	<162.2 ✓
K155-Korkuluk P33.7x2.5	0.02	G+Q+Wy	245.0	0.1	<162.2 ✓
K161-Korkuluk P33.7x2.5	0.00	G+Q+Wx	245.0	0.0	<162.2 ✓
K162-Korkuluk P33.7x2.5	0.02	G+Q+Wsy	245.0	0.1	<162.2 ✓
K163-Korkuluk P33.7x2.5	0.05	G+Q+Wsy	245.0	0.2	<162.2 ✓
K164-Korkuluk P33.7x2.5	0.04	G+Q+Wx	245.0	0.2	<162.2 ✓
K165-Korkuluk P33.7x2.5	0.07	G+Q+Wx	245.0	0.3	<162.2 ✓
K166-Korkuluk P33.7x2.5	0.02	G+Q+Wsy	245.0	0.1	<162.2 ✓
K167-Korkuluk P33.7x2.5	0.04	G+Q+Wsy	245.0	0.2	<162.2 ✓

K168-Korkuluk P33.7x2.5	0.04	G+Q+Wx	245.0	0.2	<162.2 ✓
K169-Korkuluk P33.7x2.5	0.08	G+Q+Wx	245.0	0.3	<162.2 ✓
K171-Korkuluk P33.7x2.5	0.00	G+Q+Ny	245.0	0.0	<141.0 ✓
K172-Korkuluk P33.7x2.5	0.04	G+Q+Wx	245.0	0.2	<162.2 ✓
K173-Korkuluk P33.7x2.5	0.12	G+Q+Wy	245.0	0.5	<162.2 ✓
K176-Korkuluk P33.7x2.5	0.28	G+Q+Nx	245.0	1.2	<141.0 ✓
K177-Korkuluk P33.7x2.5	0.02	G+Q+Wsy	245.0	0.1	<162.2 ✓
K180-Korkuluk P33.7x2.5	0.04	G+Q+Wsx	245.0	0.2	<162.2 ✓
K181-Korkuluk P33.7x2.5	0.06	G+Q+Wx	245.0	0.2	<162.2 ✓
K184-Korkuluk P33.7x2.5	0.04	G+Q+Wsx	245.0	0.2	<162.2 ✓
K185-Korkuluk P33.7x2.5	0.06	G+Q+Wx	245.0	0.3	<162.2 ✓
K188-Korkuluk P33.7x2.5	0.05	G+Q+Wy	245.0	0.2	<162.2 ✓
K189-Korkuluk P33.7x2.5	0.06	G+Q+Wy	245.0	0.2	<162.2 ✓
K190-Korkuluk P33.7x2.5	0.07	G+Q+Wy	245.0	0.3	<162.2 ✓
K191-Korkuluk P33.7x2.5	0.15	G+Q+Wy	245.0	0.6	<162.2 ✓
K192-Korkuluk P33.7x2.5	0.28	G+Q+Nx	245.0	1.2	<141.0 ✓
K193-Korkuluk P33.7x2.5	0.02	G+Q+Wsy	245.0	0.1	<162.2 ✓
K196-Korkuluk P33.7x2.5	0.03	G+Q+Nx	245.0	0.1	<141.0 ✓
K197-Korkuluk P33.7x2.5	0.03	G+Q+Nx	245.0	0.1	<141.0 ✓
K200-Korkuluk P33.7x2.5	0.03	G+Q+Wsx	245.0	0.1	<162.2 ✓
K201-Korkuluk P33.7x2.5	0.03	G+Q+Wsx	245.0	0.1	<162.2 ✓
K204-Korkuluk P33.7x2.5	0.05	G+Q+Wy	245.0	0.2	<162.2 ✓
K205-Korkuluk P33.7x2.5	0.06	G+Q+Wy	245.0	0.2	<162.2 ✓
K206-Korkuluk P33.7x2.5	0.07	G+Q+Wy	245.0	0.3	<162.2 ✓
K207-Korkuluk P33.7x2.5	0.14	G+Q+Wy	245.0	0.6	<162.2 ✓
K208-Korkuluk P33.7x2.5	0.02	G+Q+Nx	245.0	0.1	<141.0 ✓
K209-Korkuluk P33.7x2.5	0.02	G+Q+Wsx	245.0	0.1	<162.2 ✓
K212-Korkuluk P33.7x2.5	0.03	G+Q+Wsx	245.0	0.1	<162.2 ✓
K213-Korkuluk	0.03	G+Q+Wsx	245.0	0.1	<162.2 ✓

P33.7x2.5					
K216-Korkuluk P33.7x2.5	0.03	G+Q+Wsx	245.0	0.1	<162.2 ✓
K217-Korkuluk P33.7x2.5	0.03	G+Q+Wsx	245.0	0.1	<162.2 ✓
K220-Korkuluk P33.7x2.5	0.05	G+Q+Wy	245.0	0.2	<162.2 ✓
K221-Korkuluk P33.7x2.5	0.06	G+Q+Wy	245.0	0.3	<162.2 ✓
K222-Korkuluk P33.7x2.5	0.07	G+Q+Wy	245.0	0.3	<162.2 ✓
K223-Korkuluk P33.7x2.5	0.14	G+Q+Wy	245.0	0.6	<162.2 ✓
K224-Korkuluk P33.7x2.5	0.10	G+Q+Nx	245.0	0.4	<141.0 ✓
K225-Korkuluk P33.7x2.5	0.03	G+Q+Wx	245.0	0.1	<162.2 ✓
K228-Korkuluk P33.7x2.5	0.04	G+Q+Nx	245.0	0.2	<141.0 ✓
K229-Korkuluk P33.7x2.5	0.03	G+Q	245.0	0.1	<141.0 ✓
K232-Korkuluk P33.7x2.5	0.03	G+Q+Nx	245.0	0.1	<141.0 ✓
K233-Korkuluk P33.7x2.5	0.04	G+Q+Nx	245.0	0.2	<141.0 ✓
K236-Korkuluk P33.7x2.5	0.05	G+Q+Wy	245.0	0.2	<162.2 ✓
K237-Korkuluk P33.7x2.5	0.06	G+Q+Wy	245.0	0.3	<162.2 ✓
K238-Korkuluk P33.7x2.5	0.07	G+Q+Wy	245.0	0.3	<162.2 ✓
K239-Korkuluk P33.7x2.5	0.14	G+Q+Wy	245.0	0.6	<162.2 ✓
K240-Korkuluk P33.7x2.5	0.01	G+Q+Wy	245.0	0.1	<162.2 ✓
K242-Korkuluk P33.7x2.5	0.04	G+Q+Wx	245.0	0.2	<162.2 ✓
K243-Korkuluk P33.7x2.5	0.09	G+Q+Wx	245.0	0.4	<162.2 ✓
K245-Korkuluk P33.7x2.5	0.02	G+Q	245.0	0.1	<141.0 ✓
K246-Korkuluk P33.7x2.5	0.04	G+Q+Wx	245.0	0.2	<162.2 ✓
K247-Korkuluk P33.7x2.5	0.07	G+Q+Wx	245.0	0.3	<162.2 ✓
K248-Korkuluk P33.7x2.5	0.01	G+Q	245.0	0.0	<141.0 ✓
K249-Korkuluk P33.7x2.5	0.03	G+Q+Wsy	245.0	0.1	<162.2 ✓
K250-Korkuluk P33.7x2.5	0.04	G+Q+Wx	245.0	0.2	<162.2 ✓
K251-Korkuluk P33.7x2.5	0.07	G+Q+Wx	245.0	0.3	<162.2 ✓
K252-Korkuluk P33.7x2.5	0.04	G+Q+Wy	245.0	0.2	<162.2 ✓
K253-Korkuluk P33.7x2.5	0.11	G+Q+Wy	245.0	0.4	<162.2 ✓

K254-Korkuluk P33.7x2.5	0.03	G+Q+Wx	245.0	0.1	<162.2 ✓
K255-Korkuluk P33.7x2.5	0.18	G+Q+Nx	245.0	0.7	<141.0 ✓
K256-Korkuluk P33.7x2.5	0.07	G+Q+Wy	245.0	0.3	<162.2 ✓
K258-Korkuluk P33.7x2.5	0.03	G+Q+Wx	245.0	0.1	<162.2 ✓
K259-Korkuluk P33.7x2.5	0.05	G+Q+Wx	245.0	0.2	<162.2 ✓
K260-Korkuluk P33.7x2.5	0.00	G+Q+Wx	245.0	0.0	<162.2 ✓
K261-Korkuluk P33.7x2.5	0.04	G+Q+Wx	245.0	0.1	<162.2 ✓
K262-Korkuluk P33.7x2.5	0.01	G+Q+Wx	245.0	0.0	<162.2 ✓
K263-Korkuluk P33.7x2.5	0.04	G+Q+Wx	245.0	0.2	<162.2 ✓
K264-Korkuluk P33.7x2.5	0.00	G+Q+Wx	245.0	0.0	<162.2 ✓
K265-Korkuluk P33.7x2.5	0.03	G+Q+Wx	245.0	0.1	<162.2 ✓
K266-Korkuluk P33.7x2.5	0.01	G+Q+Nx	245.0	0.1	<141.0 ✓
K267-Korkuluk P33.7x2.5	0.04	G+Q+Wx	245.0	0.2	<162.2 ✓
K268-Korkuluk P33.7x2.5	0.01	G+Q+Nx	245.0	0.0	<141.0 ✓
K269-Korkuluk P33.7x2.5	0.03	G+Q+Wx	245.0	0.1	<162.2 ✓
K270-Korkuluk P33.7x2.5	0.03	G+Q+Nx	245.0	0.1	<141.0 ✓
K271-Korkuluk P33.7x2.5	0.02	G+Q+Wx	245.0	0.1	<162.2 ✓
K272-Korkuluk P33.7x2.5	0.19	G+Q+Nx	245.0	0.8	<141.0 ✓
K274-Korkuluk P33.7x2.5	0.01	G+Q+Wx	245.0	0.0	<162.2 ✓
K275-Korkuluk P33.7x2.5	0.02	G+Q+Wx	245.0	0.1	<162.2 ✓
K276-Korkuluk P33.7x2.5	0.01	G+Q+Wx	245.0	0.0	<162.2 ✓
K277-Korkuluk P33.7x2.5	0.03	G+Q+Wx	245.0	0.1	<162.2 ✓
K278-Korkuluk P33.7x2.5	0.00	G+Q+Nx	245.0	0.0	<141.0 ✓
K279-Korkuluk P33.7x2.5	0.01	G+Q+Wx	245.0	0.0	<162.2 ✓
K280-Korkuluk P33.7x2.5	0.01	G+Q+Wx	245.0	0.0	<162.2 ✓
K281-Korkuluk P33.7x2.5	0.03	G+Q+Wx	245.0	0.1	<162.2 ✓
K282-Korkuluk P33.7x2.5	0.01	G+Q+Nx	245.0	0.0	<141.0 ✓
K283-Korkuluk P33.7x2.5	0.01	G+Q+Wx	245.0	0.0	<162.2 ✓
K284-Korkuluk	0.01	G+Q+Wx	245.0	0.0	<162.2 ✓

P33.7x2.5					
K285-Korkuluk P33.7x2.5	0.03	G+Q+Wx	245.0	0.1	<162.2 ✓
K286-Korkuluk P33.7x2.5	0.00	G+Q+Wy	245.0	0.0	<162.2 ✓
K287-Korkuluk P33.7x2.5	0.00	G+Q	245.0	0.0	<141.0 ✓
K288-Korkuluk P33.7x2.5	0.26	G+Q+Nx	245.0	1.0	<141.0 ✓

Eğilme Kontrolü

Eleman	Moment (kN.mm)	Komb.	W (mm ³)	σ_b (N/mm ²)	σ_{em} (N/mm ²)
E2-Çerçeve RH60x40x2	9.43	G+Q	3888.0	1.5	< 141.0 ✓
E4-Çerçeve RH60x40x2	14.35	G+Q	3888.0	2.2	< 141.0 ✓
E6-Çerçeve RH60x40x2	17.13	G+Q	3888.0	2.7	< 141.0 ✓
E8-Çerçeve RH60x40x2	20.12	G+Q	3888.0	3.1	< 141.0 ✓
E10-Çerçeve RH60x40x2	24.06	G+Q	3888.0	3.7	< 141.0 ✓
E12-Çerçeve RH60x40x2	40.13	G+Q	3888.0	6.2	< 141.0 ✓
E14-Çerçeve RH60x40x2	37.27	G+Q	3888.0	5.8	< 141.0 ✓
E16-Çerçeve RH60x40x2	93.66	G+Q	3888.0	14.5	< 141.0 ✓
E18-Çerçeve RH60x40x2	16.18	G+Q	3888.0	2.5	< 141.0 ✓
E20-Çerçeve RH60x40x2	14.52	G+Q	3888.0	2.3	< 141.0 ✓
E22-Çerçeve RH60x40x2	13.73	G+Q	3888.0	2.1	< 141.0 ✓
E24-Çerçeve RH60x40x2	14.33	G+Q	3888.0	2.2	< 141.0 ✓
E26-Çerçeve RH60x40x2	16.92	G+Q	3888.0	2.6	< 141.0 ✓
E28-Çerçeve RH60x40x2	86.00	G+Q	3888.0	13.4	< 141.0 ✓
E30-Çerçeve RH60x40x2	73.05	G+Q	3888.0	11.3	< 141.0 ✓
E32-Çerçeve RH60x40x2	185.36	G+Q	3888.0	28.8	< 141.0 ✓
E34-Çerçeve RH60x40x2	16.20	G+Q	3888.0	2.5	< 141.0 ✓
E36-Çerçeve RH60x40x2	14.10	G+Q	3888.0	2.2	< 141.0 ✓
E38-Çerçeve RH60x40x2	13.68	G+Q	3888.0	2.1	< 141.0 ✓
E40-Çerçeve RH60x40x2	13.66	G+Q	3888.0	2.1	< 141.0 ✓
E42-Çerçeve RH60x40x2	18.83	G+Q	3888.0	2.9	< 141.0 ✓
E44-Çerçeve	84.61	G+Q	3888.0	13.1	< 141.0 ✓

RH60x40x2					
E46-Çerçeve RH60x40x2	73.29	G+Q	3888.0	11.4	< 141.0 ✓
E48-Çerçeve RH60x40x2	186.10	G+Q	3888.0	28.9	< 141.0 ✓
E50-Çerçeve RH60x40x2	16.49	G+Q	3888.0	2.6	< 141.0 ✓
E52-Çerçeve RH60x40x2	14.36	G+Q	3888.0	2.2	< 141.0 ✓
E54-Çerçeve RH60x40x2	13.72	G+Q	3888.0	2.1	< 141.0 ✓
E56-Çerçeve RH60x40x2	13.83	G+Q	3888.0	2.1	< 141.0 ✓
E58-Çerçeve RH60x40x2	18.40	G+Q	3888.0	2.9	< 141.0 ✓
E60-Çerçeve RH60x40x2	84.86	G+Q	3888.0	13.2	< 141.0 ✓
E62-Çerçeve RH60x40x2	71.89	G+Q	3888.0	11.2	< 141.0 ✓
E64-Çerçeve RH60x40x2	184.66	G+Q	3888.0	28.7	< 141.0 ✓
E66-Çerçeve RH60x40x2	16.20	G+Q	3888.0	2.5	< 141.0 ✓
E68-Çerçeve RH60x40x2	14.11	G+Q	3888.0	2.2	< 141.0 ✓
E70-Çerçeve RH60x40x2	13.67	G+Q	3888.0	2.1	< 141.0 ✓
E72-Çerçeve RH60x40x2	13.65	G+Q	3888.0	2.1	< 141.0 ✓
E74-Çerçeve RH60x40x2	18.83	G+Q	3888.0	2.9	< 141.0 ✓
E76-Çerçeve RH60x40x2	84.61	G+Q	3888.0	13.1	< 141.0 ✓
E78-Çerçeve RH60x40x2	73.28	G+Q	3888.0	11.4	< 141.0 ✓
E80-Çerçeve RH60x40x2	186.09	G+Q	3888.0	28.9	< 141.0 ✓
E82-Çerçeve RH60x40x2	16.81	G+Q	3888.0	2.6	< 141.0 ✓
E84-Çerçeve RH60x40x2	14.92	G+Q	3888.0	2.3	< 141.0 ✓
E86-Çerçeve RH60x40x2	14.51	G+Q	3888.0	2.3	< 141.0 ✓
E88-Çerçeve RH60x40x2	14.66	G+Q	3888.0	2.3	< 141.0 ✓
E90-Çerçeve RH60x40x2	16.73	G+Q	3888.0	2.6	< 141.0 ✓
E92-Çerçeve RH60x40x2	85.63	G+Q	3888.0	13.3	< 141.0 ✓
E94-Çerçeve RH60x40x2	72.74	G+Q	3888.0	11.3	< 141.0 ✓
E96-Çerçeve RH60x40x2	185.07	G+Q	3888.0	28.7	< 141.0 ✓
E98-Çerçeve RH60x40x2	15.19	G+Q	3888.0	2.4	< 141.0 ✓
E100-Çerçeve RH60x40x2	15.62	G+Q	3888.0	2.4	< 141.0 ✓

E102-Çerçeve RH60x40x2	17.49	G+Q	3888.0	2.7	< 141.0 ✓
E104-Çerçeve RH60x40x2	19.15	G+Q	3888.0	3.0	< 141.0 ✓
E106-Çerçeve RH60x40x2	24.97	G+Q	3888.0	3.9	< 141.0 ✓
E108-Çerçeve RH60x40x2	81.23	G+Q	3888.0	12.6	< 141.0 ✓
E110-Çerçeve RH60x40x2	71.57	G+Q	3888.0	11.1	< 141.0 ✓
E112-Çerçeve RH60x40x2	185.84	G+Q	3888.0	28.9	< 141.0 ✓
E114-Çerçeve RH60x40x2	16.49	G+Q	3888.0	2.6	< 141.0 ✓
E116-Çerçeve RH60x40x2	14.36	G+Q	3888.0	2.2	< 141.0 ✓
E118-Çerçeve RH60x40x2	13.72	G+Q	3888.0	2.1	< 141.0 ✓
E120-Çerçeve RH60x40x2	13.83	G+Q	3888.0	2.1	< 141.0 ✓
E122-Çerçeve RH60x40x2	18.40	G+Q	3888.0	2.9	< 141.0 ✓
E124-Çerçeve RH60x40x2	84.84	G+Q	3888.0	13.2	< 141.0 ✓
E126-Çerçeve RH60x40x2	71.89	G+Q	3888.0	11.2	< 141.0 ✓
E128-Çerçeve RH60x40x2	184.69	G+Q	3888.0	28.7	< 141.0 ✓
E130-Çerçeve RH60x40x2	16.20	G+Q	3888.0	2.5	< 141.0 ✓
E132-Çerçeve RH60x40x2	14.11	G+Q	3888.0	2.2	< 141.0 ✓
E134-Çerçeve RH60x40x2	13.67	G+Q	3888.0	2.1	< 141.0 ✓
E136-Çerçeve RH60x40x2	13.65	G+Q	3888.0	2.1	< 141.0 ✓
E138-Çerçeve RH60x40x2	18.83	G+Q	3888.0	2.9	< 141.0 ✓
E140-Çerçeve RH60x40x2	84.61	G+Q	3888.0	13.1	< 141.0 ✓
E142-Çerçeve RH60x40x2	73.27	G+Q	3888.0	11.4	< 141.0 ✓
E144-Çerçeve RH60x40x2	186.09	G+Q	3888.0	28.9	< 141.0 ✓
E146-Çerçeve RH60x40x2	16.49	G+Q	3888.0	2.6	< 141.0 ✓
E148-Çerçeve RH60x40x2	14.36	G+Q	3888.0	2.2	< 141.0 ✓
E150-Çerçeve RH60x40x2	13.72	G+Q	3888.0	2.1	< 141.0 ✓
E152-Çerçeve RH60x40x2	13.83	G+Q	3888.0	2.1	< 141.0 ✓
E154-Çerçeve RH60x40x2	18.40	G+Q	3888.0	2.9	< 141.0 ✓
E156-Çerçeve RH60x40x2	84.86	G+Q	3888.0	13.2	< 141.0 ✓
E158-Çerçeve	71.89	G+Q	3888.0	11.2	< 141.0 ✓

RH60x40x2					
E160-Çerçeve RH60x40x2	184.66	G+Q	3888.0	28.7	< 141.0 ✓
E162-Çerçeve RH60x40x2	16.20	G+Q	3888.0	2.5	< 141.0 ✓
E164-Çerçeve RH60x40x2	14.08	G+Q	3888.0	2.2	< 141.0 ✓
E166-Çerçeve RH60x40x2	13.74	G+Q	3888.0	2.1	< 141.0 ✓
E168-Çerçeve RH60x40x2	13.75	G+Q	3888.0	2.1	< 141.0 ✓
E170-Çerçeve RH60x40x2	18.53	G+Q	3888.0	2.9	< 141.0 ✓
E172-Çerçeve RH60x40x2	84.65	G+Q	3888.0	13.1	< 141.0 ✓
E174-Çerçeve RH60x40x2	73.42	G+Q	3888.0	11.4	< 141.0 ✓
E176-Çerçeve RH60x40x2	185.58	G+Q	3888.0	28.8	< 141.0 ✓
E178-Çerçeve RH60x40x2	16.10	G+Q	3888.0	2.5	< 141.0 ✓
E180-Çerçeve RH60x40x2	13.42	G+Q	3888.0	2.1	< 141.0 ✓
E182-Çerçeve RH60x40x2	16.08	G+Q	3888.0	2.5	< 141.0 ✓
E184-Çerçeve RH60x40x2	16.97	G+Q	3888.0	2.6	< 141.0 ✓
E186-Çerçeve RH60x40x2	23.07	G+Q	3888.0	3.6	< 141.0 ✓
E188-Çerçeve RH60x40x2	82.42	G+Q	3888.0	12.8	< 141.0 ✓
E190-Çerçeve RH60x40x2	69.53	G+Q	3888.0	10.8	< 141.0 ✓
E192-Çerçeve RH60x40x2	183.30	G+Q	3888.0	28.5	< 141.0 ✓
E194-Çerçeve RH60x40x2	16.21	G+Q	3888.0	2.5	< 141.0 ✓
E196-Çerçeve RH60x40x2	14.11	G+Q	3888.0	2.2	< 141.0 ✓
E198-Çerçeve RH60x40x2	13.67	G+Q	3888.0	2.1	< 141.0 ✓
E200-Çerçeve RH60x40x2	13.65	G+Q	3888.0	2.1	< 141.0 ✓
E202-Çerçeve RH60x40x2	18.83	G+Q	3888.0	2.9	< 141.0 ✓
E204-Çerçeve RH60x40x2	84.61	G+Q	3888.0	13.1	< 141.0 ✓
E206-Çerçeve RH60x40x2	73.26	G+Q	3888.0	11.4	< 141.0 ✓
E208-Çerçeve RH60x40x2	186.08	G+Q	3888.0	28.9	< 141.0 ✓
E210-Çerçeve RH60x40x2	16.49	G+Q	3888.0	2.6	< 141.0 ✓
E212-Çerçeve RH60x40x2	14.36	G+Q	3888.0	2.2	< 141.0 ✓
E214-Çerçeve RH60x40x2	13.72	G+Q	3888.0	2.1	< 141.0 ✓

E216-Çerçeve RH60x40x2	13.83	G+Q	3888.0	2.1	< 141.0 ✓
E218-Çerçeve RH60x40x2	18.40	G+Q	3888.0	2.9	< 141.0 ✓
E220-Çerçeve RH60x40x2	84.86	G+Q	3888.0	13.2	< 141.0 ✓
E222-Çerçeve RH60x40x2	71.89	G+Q	3888.0	11.2	< 141.0 ✓
E224-Çerçeve RH60x40x2	184.66	G+Q	3888.0	28.7	< 141.0 ✓
E226-Çerçeve RH60x40x2	16.20	G+Q	3888.0	2.5	< 141.0 ✓
E228-Çerçeve RH60x40x2	14.11	G+Q	3888.0	2.2	< 141.0 ✓
E230-Çerçeve RH60x40x2	13.67	G+Q	3888.0	2.1	< 141.0 ✓
E232-Çerçeve RH60x40x2	13.65	G+Q	3888.0	2.1	< 141.0 ✓
E234-Çerçeve RH60x40x2	18.83	G+Q	3888.0	2.9	< 141.0 ✓
E236-Çerçeve RH60x40x2	84.61	G+Q	3888.0	13.1	< 141.0 ✓
E238-Çerçeve RH60x40x2	73.27	G+Q	3888.0	11.4	< 141.0 ✓
E240-Çerçeve RH60x40x2	186.09	G+Q	3888.0	28.9	< 141.0 ✓
E242-Çerçeve RH60x40x2	16.80	G+Q	3888.0	2.6	< 141.0 ✓
E244-Çerçeve RH60x40x2	14.89	G+Q	3888.0	2.3	< 141.0 ✓
E246-Çerçeve RH60x40x2	14.45	G+Q	3888.0	2.2	< 141.0 ✓
E248-Çerçeve RH60x40x2	14.58	G+Q	3888.0	2.3	< 141.0 ✓
E250-Çerçeve RH60x40x2	16.94	G+Q	3888.0	2.6	< 141.0 ✓
E252-Çerçeve RH60x40x2	85.51	G+Q	3888.0	13.3	< 141.0 ✓
E254-Çerçeve RH60x40x2	72.61	G+Q	3888.0	11.3	< 141.0 ✓
E256-Çerçeve RH60x40x2	185.00	G+Q	3888.0	28.7	< 141.0 ✓
E258-Çerçeve RH60x40x2	15.21	G+Q	3888.0	2.4	< 141.0 ✓
E260-Çerçeve RH60x40x2	15.56	G+Q	3888.0	2.4	< 141.0 ✓
E262-Çerçeve RH60x40x2	17.39	G+Q	3888.0	2.7	< 141.0 ✓
E264-Çerçeve RH60x40x2	19.00	G+Q	3888.0	3.0	< 141.0 ✓
E266-Çerçeve RH60x40x2	24.79	G+Q	3888.0	3.8	< 141.0 ✓
E268-Çerçeve RH60x40x2	81.34	G+Q	3888.0	12.6	< 141.0 ✓
E270-Çerçeve RH60x40x2	71.63	G+Q	3888.0	11.1	< 141.0 ✓
E272-Çerçeve	185.84	G+Q	3888.0	28.9	< 141.0 ✓

RH60x40x2					
E274-Çerçeve RH60x40x2	16.49	G+Q	3888.0	2.6	< 141.0 ✓
E276-Çerçeve RH60x40x2	14.36	G+Q	3888.0	2.2	< 141.0 ✓
E278-Çerçeve RH60x40x2	13.72	G+Q	3888.0	2.1	< 141.0 ✓
E280-Çerçeve RH60x40x2	13.84	G+Q	3888.0	2.1	< 141.0 ✓
E282-Çerçeve RH60x40x2	18.41	G+Q	3888.0	2.9	< 141.0 ✓
E284-Çerçeve RH60x40x2	84.85	G+Q	3888.0	13.2	< 141.0 ✓
E286-Çerçeve RH60x40x2	71.88	G+Q	3888.0	11.2	< 141.0 ✓
E288-Çerçeve RH60x40x2	184.64	G+Q	3888.0	28.7	< 141.0 ✓
E290-Çerçeve RH60x40x2	8.74	G+Q	3888.0	1.4	< 141.0 ✓
E292-Çerçeve RH60x40x2	7.64	G+Q	3888.0	1.2	< 141.0 ✓
E294-Çerçeve RH60x40x2	7.43	G+Q	3888.0	1.2	< 141.0 ✓
E296-Çerçeve RH60x40x2	7.41	G+Q	3888.0	1.2	< 141.0 ✓
E298-Çerçeve RH60x40x2	9.77	G+Q	3888.0	1.5	< 141.0 ✓
E300-Çerçeve RH60x40x2	42.89	G+Q	3888.0	6.7	< 141.0 ✓
E302-Çerçeve RH60x40x2	37.30	G+Q	3888.0	5.8	< 141.0 ✓
E304-Çerçeve RH60x40x2	93.87	G+Q	3888.0	14.6	< 141.0 ✓

Kesme Kontrolü

Eleman	Kesme (kN)	Komb.	T (N/mm ²)	T _{em} (N/mm ²)
D1-Dikme P48x3	0.02	G+Q+Wy	0.1	< 93.6 ✓
D2-Dikme P48x3	0.06	G+Q+Wy	0.3	< 93.6 ✓
D3-Dikme P48x3	0.47	G+Q+Wy	2.2	< 93.6 ✓
D4-Dikme P48x3	0.53	G+Q+Wy	2.5	< 93.6 ✓
D5-Dikme P48x3	0.54	G+Q+Wy	2.5	< 93.6 ✓
D6-Dikme P48x3	0.58	G+Q+Wy	2.7	< 93.6 ✓
D7-Dikme P48x3	0.51	G+Q+Wy	2.4	< 93.6 ✓
D8-Dikme P48x3	0.56	G+Q+Wy	2.6	< 93.6 ✓
D9-Dikme P48x3	0.56	G+Q+Wy	2.7	< 93.6 ✓
D10-Dikme P48x3	0.61	G+Q+Wy	2.9	< 93.6 ✓
D11-Dikme P48x3	0.51	G+Q+Wy	2.4	< 93.6 ✓
D12-Dikme P48x3	0.57	G+Q+Wy	2.7	< 93.6 ✓
D13-Dikme P48x3	0.62	G+Q+Wy	2.9	< 93.6 ✓
D14-Dikme P48x3	0.66	G+Q+Wy	3.1	< 93.6 ✓
D15-Dikme P48x3	0.73	G+Q+Wy	3.4	< 93.6 ✓
D16-Dikme P48x3	0.81	G+Q+Wy	3.8	< 93.6 ✓

D17-Dikme P48x3	0.21	G+Q+Wy	1.0	< 93.6 ✓
D18-Dikme P48x3	0.28	G+Q+Wy	1.3	< 93.6 ✓
D19-Dikme P48x3	0.73	G+Q+Wy	3.4	< 93.6 ✓
D20-Dikme P48x3	0.84	G+Q+Wy	3.9	< 93.6 ✓
D21-Dikme P48x3	0.51	G+Q+Wy	2.4	< 93.6 ✓
D22-Dikme P48x3	0.61	G+Q+Wy	2.9	< 93.6 ✓
D23-Dikme P48x3	0.49	G+Q+Wy	2.3	< 93.6 ✓
D24-Dikme P48x3	0.57	G+Q+Wy	2.7	< 93.6 ✓
D25-Dikme P48x3	0.53	G+Q+Wy	2.5	< 93.6 ✓
D26-Dikme P48x3	0.64	G+Q+Wy	3.0	< 93.6 ✓
D27-Dikme P48x3	0.53	G+Q+Wy	2.5	< 93.6 ✓
D28-Dikme P48x3	0.61	G+Q+Wy	2.9	< 93.6 ✓
D29-Dikme P48x3	0.57	G+Q+Wy	2.7	< 93.6 ✓
D30-Dikme P48x3	0.71	G+Q+Wy	3.3	< 93.6 ✓
D31-Dikme P48x3	0.53	G+Q+Wy	2.5	< 93.6 ✓
D32-Dikme P48x3	0.61	G+Q+Wy	2.9	< 93.6 ✓
D33-Dikme P48x3	0.02	G+Q+Wy	0.1	< 93.6 ✓
D34-Dikme P48x3	0.09	G+Q+Wy	0.4	< 93.6 ✓
D35-Dikme P48x3	0.44	G+Q+Wy	2.1	< 93.6 ✓
D36-Dikme P48x3	0.56	G+Q+Wy	2.7	< 93.6 ✓
D37-Dikme P48x3	0.51	G+Q+Wy	2.4	< 93.6 ✓
D38-Dikme P48x3	0.60	G+Q+Wy	2.8	< 93.6 ✓
D39-Dikme P48x3	0.48	G+Q+Wy	2.3	< 93.6 ✓
D40-Dikme P48x3	0.58	G+Q+Wy	2.7	< 93.6 ✓
D41-Dikme P48x3	0.54	G+Q+Wy	2.6	< 93.6 ✓
D42-Dikme P48x3	0.64	G+Q+Wy	3.0	< 93.6 ✓
D43-Dikme P48x3	0.48	G+Q+Wy	2.3	< 93.6 ✓
D44-Dikme P48x3	0.60	G+Q+Wy	2.8	< 93.6 ✓
D45-Dikme P48x3	0.60	G+Q+Wy	2.8	< 93.6 ✓
D46-Dikme P48x3	0.68	G+Q+Wy	3.2	< 93.6 ✓
D47-Dikme P48x3	0.68	G+Q+Wy	3.2	< 93.6 ✓
D48-Dikme P48x3	0.86	G+Q+Wy	4.0	< 93.6 ✓
D49-Dikme P48x3	0.21	G+Q+Wy	1.0	< 93.6 ✓
D50-Dikme P48x3	0.28	G+Q+Wy	1.3	< 93.6 ✓
D51-Dikme P48x3	0.73	G+Q+Wy	3.4	< 93.6 ✓
D52-Dikme P48x3	0.83	G+Q+Wy	3.9	< 93.6 ✓
D53-Dikme P48x3	0.51	G+Q+Wy	2.4	< 93.6 ✓
D54-Dikme P48x3	0.62	G+Q+Wy	2.9	< 93.6 ✓
D55-Dikme P48x3	0.48	G+Q+Wy	2.3	< 93.6 ✓
D56-Dikme P48x3	0.57	G+Q+Wy	2.7	< 93.6 ✓
D57-Dikme P48x3	0.53	G+Q+Wy	2.5	< 93.6 ✓
D58-Dikme P48x3	0.64	G+Q+Wy	3.0	< 93.6 ✓
D59-Dikme P48x3	0.52	G+Q+Wy	2.5	< 93.6 ✓
D60-Dikme P48x3	0.60	G+Q+Wy	2.8	< 93.6 ✓
D61-Dikme P48x3	0.58	G+Q+Wy	2.7	< 93.6 ✓
D62-Dikme P48x3	0.71	G+Q+Wy	3.3	< 93.6 ✓
D63-Dikme P48x3	0.53	G+Q+Wy	2.5	< 93.6 ✓
D64-Dikme P48x3	0.61	G+Q+Wy	2.9	< 93.6 ✓
D65-Dikme P48x3	0.02	G+Q+Wy	0.1	< 93.6 ✓

D66-Dikme P48x3	0.09	G+Q+Wy	0.4	< 93.6 ✓
D67-Dikme P48x3	0.44	G+Q+Wy	2.1	< 93.6 ✓
D68-Dikme P48x3	0.56	G+Q+Wy	2.7	< 93.6 ✓
D69-Dikme P48x3	0.51	G+Q+Wy	2.4	< 93.6 ✓
D70-Dikme P48x3	0.60	G+Q+Wy	2.8	< 93.6 ✓
D71-Dikme P48x3	0.48	G+Q+Wy	2.3	< 93.6 ✓
D72-Dikme P48x3	0.58	G+Q+Wy	2.7	< 93.6 ✓
D73-Dikme P48x3	0.54	G+Q+Wy	2.6	< 93.6 ✓
D74-Dikme P48x3	0.64	G+Q+Wy	3.0	< 93.6 ✓
D75-Dikme P48x3	0.48	G+Q+Wy	2.3	< 93.6 ✓
D76-Dikme P48x3	0.60	G+Q+Wy	2.8	< 93.6 ✓
D77-Dikme P48x3	0.60	G+Q+Wy	2.8	< 93.6 ✓
D78-Dikme P48x3	0.68	G+Q+Wy	3.2	< 93.6 ✓
D79-Dikme P48x3	0.68	G+Q+Wy	3.2	< 93.6 ✓
D80-Dikme P48x3	0.86	G+Q+Wy	4.0	< 93.6 ✓
D81-Dikme P48x3	0.21	G+Q+Wy	1.0	< 93.6 ✓
D82-Dikme P48x3	0.28	G+Q+Wy	1.3	< 93.6 ✓
D83-Dikme P48x3	0.73	G+Q+Wy	3.4	< 93.6 ✓
D84-Dikme P48x3	0.83	G+Q+Wy	3.9	< 93.6 ✓
D85-Dikme P48x3	0.51	G+Q+Wy	2.4	< 93.6 ✓
D86-Dikme P48x3	0.61	G+Q+Wy	2.9	< 93.6 ✓
D87-Dikme P48x3	0.49	G+Q+Wy	2.3	< 93.6 ✓
D88-Dikme P48x3	0.57	G+Q+Wy	2.7	< 93.6 ✓
D89-Dikme P48x3	0.53	G+Q+Wy	2.5	< 93.6 ✓
D90-Dikme P48x3	0.63	G+Q+Wy	3.0	< 93.6 ✓
D91-Dikme P48x3	0.53	G+Q+Wy	2.5	< 93.6 ✓
D92-Dikme P48x3	0.61	G+Q+Wy	2.9	< 93.6 ✓
D93-Dikme P48x3	0.57	G+Q+Wy	2.7	< 93.6 ✓
D94-Dikme P48x3	0.70	G+Q+Wy	3.3	< 93.6 ✓
D95-Dikme P48x3	0.54	G+Q+Wy	2.5	< 93.6 ✓
D96-Dikme P48x3	0.62	G+Q+Wy	2.9	< 93.6 ✓
D97-Dikme P48x3	0.02	G+Q+Wy	0.1	< 93.6 ✓
D98-Dikme P48x3	0.09	G+Q+Wy	0.4	< 93.6 ✓
D99-Dikme P48x3	0.44	G+Q+Wy	2.1	< 93.6 ✓
D100-Dikme P48x3	0.57	G+Q+Wy	2.7	< 93.6 ✓
D101-Dikme P48x3	0.51	G+Q+Wy	2.4	< 93.6 ✓
D102-Dikme P48x3	0.60	G+Q+Wy	2.8	< 93.6 ✓
D103-Dikme P48x3	0.48	G+Q+Wy	2.3	< 93.6 ✓
D104-Dikme P48x3	0.59	G+Q+Wy	2.8	< 93.6 ✓
D105-Dikme P48x3	0.54	G+Q+Wy	2.5	< 93.6 ✓
D106-Dikme P48x3	0.63	G+Q+Wy	3.0	< 93.6 ✓
D107-Dikme P48x3	0.48	G+Q+Wy	2.3	< 93.6 ✓
D108-Dikme P48x3	0.60	G+Q+Wy	2.8	< 93.6 ✓
D109-Dikme P48x3	0.60	G+Q+Wy	2.8	< 93.6 ✓
D110-Dikme P48x3	0.68	G+Q+Wy	3.2	< 93.6 ✓
D111-Dikme P48x3	0.68	G+Q+Wy	3.2	< 93.6 ✓
D112-Dikme P48x3	0.86	G+Q+Wy	4.0	< 93.6 ✓
D113-Dikme P48x3	0.21	G+Q+Wy	1.0	< 93.6 ✓
D114-Dikme P48x3	0.28	G+Q+Wy	1.3	< 93.6 ✓

D115-Dikme P48x3	0.73	G+Q+Wy	3.4	< 93.6 ✓
D116-Dikme P48x3	0.83	G+Q+Wy	3.9	< 93.6 ✓
D117-Dikme P48x3	0.51	G+Q+Wy	2.4	< 93.6 ✓
D118-Dikme P48x3	0.62	G+Q+Wy	2.9	< 93.6 ✓
D119-Dikme P48x3	0.48	G+Q+Wy	2.3	< 93.6 ✓
D120-Dikme P48x3	0.57	G+Q+Wy	2.7	< 93.6 ✓
D121-Dikme P48x3	0.53	G+Q+Wy	2.5	< 93.6 ✓
D122-Dikme P48x3	0.64	G+Q+Wy	3.0	< 93.6 ✓
D123-Dikme P48x3	0.52	G+Q+Wy	2.5	< 93.6 ✓
D124-Dikme P48x3	0.60	G+Q+Wy	2.8	< 93.6 ✓
D125-Dikme P48x3	0.58	G+Q+Wy	2.7	< 93.6 ✓
D126-Dikme P48x3	0.71	G+Q+Wy	3.3	< 93.6 ✓
D127-Dikme P48x3	0.53	G+Q+Wy	2.5	< 93.6 ✓
D128-Dikme P48x3	0.61	G+Q+Wy	2.9	< 93.6 ✓
D129-Dikme P48x3	0.02	G+Q+Wy	0.1	< 93.6 ✓
D130-Dikme P48x3	0.09	G+Q+Wy	0.4	< 93.6 ✓
D131-Dikme P48x3	0.44	G+Q+Wy	2.1	< 93.6 ✓
D132-Dikme P48x3	0.56	G+Q+Wy	2.7	< 93.6 ✓
D133-Dikme P48x3	0.51	G+Q+Wy	2.4	< 93.6 ✓
D134-Dikme P48x3	0.60	G+Q+Wy	2.8	< 93.6 ✓
D135-Dikme P48x3	0.48	G+Q+Wy	2.3	< 93.6 ✓
D136-Dikme P48x3	0.58	G+Q+Wy	2.7	< 93.6 ✓
D137-Dikme P48x3	0.54	G+Q+Wy	2.6	< 93.6 ✓
D138-Dikme P48x3	0.64	G+Q+Wy	3.0	< 93.6 ✓
D139-Dikme P48x3	0.48	G+Q+Wy	2.3	< 93.6 ✓
D140-Dikme P48x3	0.60	G+Q+Wy	2.8	< 93.6 ✓
D141-Dikme P48x3	0.60	G+Q+Wy	2.8	< 93.6 ✓
D142-Dikme P48x3	0.68	G+Q+Wy	3.2	< 93.6 ✓
D143-Dikme P48x3	0.68	G+Q+Wy	3.2	< 93.6 ✓
D144-Dikme P48x3	0.86	G+Q+Wy	4.0	< 93.6 ✓
D145-Dikme P48x3	0.21	G+Q+Wy	1.0	< 93.6 ✓
D146-Dikme P48x3	0.28	G+Q+Wy	1.3	< 93.6 ✓
D147-Dikme P48x3	0.73	G+Q+Wy	3.4	< 93.6 ✓
D148-Dikme P48x3	0.83	G+Q+Wy	3.9	< 93.6 ✓
D149-Dikme P48x3	0.51	G+Q+Wy	2.4	< 93.6 ✓
D150-Dikme P48x3	0.62	G+Q+Wy	2.9	< 93.6 ✓
D151-Dikme P48x3	0.48	G+Q+Wy	2.3	< 93.6 ✓
D152-Dikme P48x3	0.57	G+Q+Wy	2.7	< 93.6 ✓
D153-Dikme P48x3	0.53	G+Q+Wy	2.5	< 93.6 ✓
D154-Dikme P48x3	0.64	G+Q+Wy	3.0	< 93.6 ✓
D155-Dikme P48x3	0.52	G+Q+Wy	2.5	< 93.6 ✓
D156-Dikme P48x3	0.60	G+Q+Wy	2.8	< 93.6 ✓
D157-Dikme P48x3	0.58	G+Q+Wy	2.7	< 93.6 ✓
D158-Dikme P48x3	0.71	G+Q+Wy	3.3	< 93.6 ✓
D159-Dikme P48x3	0.53	G+Q+Wy	2.5	< 93.6 ✓
D160-Dikme P48x3	0.61	G+Q+Wy	2.9	< 93.6 ✓
D161-Dikme P48x3	0.02	G+Q+Wy	0.1	< 93.6 ✓
D162-Dikme P48x3	0.09	G+Q+Wy	0.4	< 93.6 ✓
D163-Dikme P48x3	0.44	G+Q+Wy	2.1	< 93.6 ✓

D164-Dikme P48x3	0.57	G+Q+Wy	2.7	< 93.6 ✓
D165-Dikme P48x3	0.51	G+Q+Wy	2.4	< 93.6 ✓
D166-Dikme P48x3	0.60	G+Q+Wy	2.8	< 93.6 ✓
D167-Dikme P48x3	0.48	G+Q+Wy	2.3	< 93.6 ✓
D168-Dikme P48x3	0.59	G+Q+Wy	2.8	< 93.6 ✓
D169-Dikme P48x3	0.54	G+Q+Wy	2.5	< 93.6 ✓
D170-Dikme P48x3	0.63	G+Q+Wy	3.0	< 93.6 ✓
D171-Dikme P48x3	0.49	G+Q+Wy	2.3	< 93.6 ✓
D172-Dikme P48x3	0.60	G+Q+Wy	2.8	< 93.6 ✓
D173-Dikme P48x3	0.60	G+Q+Wy	2.8	< 93.6 ✓
D174-Dikme P48x3	0.68	G+Q+Wy	3.2	< 93.6 ✓
D175-Dikme P48x3	0.68	G+Q+Wy	3.2	< 93.6 ✓
D176-Dikme P48x3	0.86	G+Q+Wy	4.0	< 93.6 ✓
D177-Dikme P48x3	0.21	G+Q+Wy	1.0	< 93.6 ✓
D178-Dikme P48x3	0.28	G+Q+Wy	1.3	< 93.6 ✓
D179-Dikme P48x3	0.73	G+Q+Wy	3.4	< 93.6 ✓
D180-Dikme P48x3	0.83	G+Q+Wy	3.9	< 93.6 ✓
D181-Dikme P48x3	0.50	G+Q+Wy	2.4	< 93.6 ✓
D182-Dikme P48x3	0.61	G+Q+Wy	2.9	< 93.6 ✓
D183-Dikme P48x3	0.49	G+Q+Wy	2.3	< 93.6 ✓
D184-Dikme P48x3	0.58	G+Q+Wy	2.7	< 93.6 ✓
D185-Dikme P48x3	0.52	G+Q+Wy	2.5	< 93.6 ✓
D186-Dikme P48x3	0.63	G+Q+Wy	3.0	< 93.6 ✓
D187-Dikme P48x3	0.53	G+Q+Wy	2.5	< 93.6 ✓
D188-Dikme P48x3	0.61	G+Q+Wy	2.9	< 93.6 ✓
D189-Dikme P48x3	0.57	G+Q+Wy	2.7	< 93.6 ✓
D190-Dikme P48x3	0.70	G+Q+Wy	3.3	< 93.6 ✓
D191-Dikme P48x3	0.54	G+Q+Wy	2.5	< 93.6 ✓
D192-Dikme P48x3	0.62	G+Q+Wy	2.9	< 93.6 ✓
D193-Dikme P48x3	0.02	G+Q+Wy	0.1	< 93.6 ✓
D194-Dikme P48x3	0.09	G+Q+Wy	0.4	< 93.6 ✓
D195-Dikme P48x3	0.44	G+Q+Wy	2.1	< 93.6 ✓
D196-Dikme P48x3	0.56	G+Q+Wy	2.7	< 93.6 ✓
D197-Dikme P48x3	0.51	G+Q+Wy	2.4	< 93.6 ✓
D198-Dikme P48x3	0.60	G+Q+Wy	2.8	< 93.6 ✓
D199-Dikme P48x3	0.48	G+Q+Wy	2.3	< 93.6 ✓
D200-Dikme P48x3	0.58	G+Q+Wy	2.7	< 93.6 ✓
D201-Dikme P48x3	0.54	G+Q+Wy	2.6	< 93.6 ✓
D202-Dikme P48x3	0.64	G+Q+Wy	3.0	< 93.6 ✓
D203-Dikme P48x3	0.48	G+Q+Wy	2.3	< 93.6 ✓
D204-Dikme P48x3	0.60	G+Q+Wy	2.8	< 93.6 ✓
D205-Dikme P48x3	0.60	G+Q+Wy	2.8	< 93.6 ✓
D206-Dikme P48x3	0.68	G+Q+Wy	3.2	< 93.6 ✓
D207-Dikme P48x3	0.68	G+Q+Wy	3.2	< 93.6 ✓
D208-Dikme P48x3	0.86	G+Q+Wy	4.0	< 93.6 ✓
D209-Dikme P48x3	0.21	G+Q+Wy	1.0	< 93.6 ✓
D210-Dikme P48x3	0.28	G+Q+Wy	1.3	< 93.6 ✓
D211-Dikme P48x3	0.73	G+Q+Wy	3.4	< 93.6 ✓
D212-Dikme P48x3	0.83	G+Q+Wy	3.9	< 93.6 ✓

D213-Dikme P48x3	0.51	G+Q+Wy	2.4	< 93.6 ✓
D214-Dikme P48x3	0.62	G+Q+Wy	2.9	< 93.6 ✓
D215-Dikme P48x3	0.48	G+Q+Wy	2.3	< 93.6 ✓
D216-Dikme P48x3	0.57	G+Q+Wy	2.7	< 93.6 ✓
D217-Dikme P48x3	0.53	G+Q+Wy	2.5	< 93.6 ✓
D218-Dikme P48x3	0.64	G+Q+Wy	3.0	< 93.6 ✓
D219-Dikme P48x3	0.52	G+Q+Wy	2.5	< 93.6 ✓
D220-Dikme P48x3	0.60	G+Q+Wy	2.8	< 93.6 ✓
D221-Dikme P48x3	0.58	G+Q+Wy	2.7	< 93.6 ✓
D222-Dikme P48x3	0.71	G+Q+Wy	3.3	< 93.6 ✓
D223-Dikme P48x3	0.53	G+Q+Wy	2.5	< 93.6 ✓
D224-Dikme P48x3	0.61	G+Q+Wy	2.9	< 93.6 ✓
D225-Dikme P48x3	0.02	G+Q+Wy	0.1	< 93.6 ✓
D226-Dikme P48x3	0.09	G+Q+Wy	0.4	< 93.6 ✓
D227-Dikme P48x3	0.44	G+Q+Wy	2.1	< 93.6 ✓
D228-Dikme P48x3	0.56	G+Q+Wy	2.7	< 93.6 ✓
D229-Dikme P48x3	0.51	G+Q+Wy	2.4	< 93.6 ✓
D230-Dikme P48x3	0.60	G+Q+Wy	2.8	< 93.6 ✓
D231-Dikme P48x3	0.48	G+Q+Wy	2.3	< 93.6 ✓
D232-Dikme P48x3	0.58	G+Q+Wy	2.7	< 93.6 ✓
D233-Dikme P48x3	0.54	G+Q+Wy	2.6	< 93.6 ✓
D234-Dikme P48x3	0.64	G+Q+Wy	3.0	< 93.6 ✓
D235-Dikme P48x3	0.48	G+Q+Wy	2.3	< 93.6 ✓
D236-Dikme P48x3	0.60	G+Q+Wy	2.8	< 93.6 ✓
D237-Dikme P48x3	0.60	G+Q+Wy	2.8	< 93.6 ✓
D238-Dikme P48x3	0.68	G+Q+Wy	3.2	< 93.6 ✓
D239-Dikme P48x3	0.68	G+Q+Wy	3.2	< 93.6 ✓
D240-Dikme P48x3	0.86	G+Q+Wy	4.0	< 93.6 ✓
D241-Dikme P48x3	0.21	G+Q+Wy	1.0	< 93.6 ✓
D242-Dikme P48x3	0.28	G+Q+Wy	1.3	< 93.6 ✓
D243-Dikme P48x3	0.73	G+Q+Wy	3.4	< 93.6 ✓
D244-Dikme P48x3	0.83	G+Q+Wy	3.9	< 93.6 ✓
D245-Dikme P48x3	0.51	G+Q+Wy	2.4	< 93.6 ✓
D246-Dikme P48x3	0.61	G+Q+Wy	2.9	< 93.6 ✓
D247-Dikme P48x3	0.49	G+Q+Wy	2.3	< 93.6 ✓
D248-Dikme P48x3	0.57	G+Q+Wy	2.7	< 93.6 ✓
D249-Dikme P48x3	0.53	G+Q+Wy	2.5	< 93.6 ✓
D250-Dikme P48x3	0.63	G+Q+Wy	3.0	< 93.6 ✓
D251-Dikme P48x3	0.53	G+Q+Wy	2.5	< 93.6 ✓
D252-Dikme P48x3	0.61	G+Q+Wy	2.9	< 93.6 ✓
D253-Dikme P48x3	0.57	G+Q+Wy	2.7	< 93.6 ✓
D254-Dikme P48x3	0.70	G+Q+Wy	3.3	< 93.6 ✓
D255-Dikme P48x3	0.54	G+Q+Wy	2.5	< 93.6 ✓
D256-Dikme P48x3	0.62	G+Q+Wy	2.9	< 93.6 ✓
D257-Dikme P48x3	0.02	G+Q+Wy	0.1	< 93.6 ✓
D258-Dikme P48x3	0.09	G+Q+Wy	0.4	< 93.6 ✓
D259-Dikme P48x3	0.44	G+Q+Wy	2.1	< 93.6 ✓
D260-Dikme P48x3	0.57	G+Q+Wy	2.7	< 93.6 ✓
D261-Dikme P48x3	0.51	G+Q+Wy	2.4	< 93.6 ✓

D262-Dikme P48x3	0.60	G+Q+Wy	2.8	< 93.6 ✓
D263-Dikme P48x3	0.48	G+Q+Wy	2.3	< 93.6 ✓
D264-Dikme P48x3	0.59	G+Q+Wy	2.8	< 93.6 ✓
D265-Dikme P48x3	0.54	G+Q+Wy	2.5	< 93.6 ✓
D266-Dikme P48x3	0.63	G+Q+Wy	3.0	< 93.6 ✓
D267-Dikme P48x3	0.48	G+Q+Wy	2.3	< 93.6 ✓
D268-Dikme P48x3	0.60	G+Q+Wy	2.8	< 93.6 ✓
D269-Dikme P48x3	0.60	G+Q+Wy	2.8	< 93.6 ✓
D270-Dikme P48x3	0.68	G+Q+Wy	3.2	< 93.6 ✓
D271-Dikme P48x3	0.68	G+Q+Wy	3.2	< 93.6 ✓
D272-Dikme P48x3	0.86	G+Q+Wy	4.0	< 93.6 ✓
D273-Dikme P48x3	0.21	G+Q+Wy	1.0	< 93.6 ✓
D274-Dikme P48x3	0.28	G+Q+Wy	1.3	< 93.6 ✓
D275-Dikme P48x3	0.73	G+Q+Wy	3.4	< 93.6 ✓
D276-Dikme P48x3	0.83	G+Q+Wy	3.9	< 93.6 ✓
D277-Dikme P48x3	0.51	G+Q+Wy	2.4	< 93.6 ✓
D278-Dikme P48x3	0.62	G+Q+Wy	2.9	< 93.6 ✓
D279-Dikme P48x3	0.48	G+Q+Wy	2.3	< 93.6 ✓
D280-Dikme P48x3	0.57	G+Q+Wy	2.7	< 93.6 ✓
D281-Dikme P48x3	0.53	G+Q+Wy	2.5	< 93.6 ✓
D282-Dikme P48x3	0.64	G+Q+Wy	3.0	< 93.6 ✓
D283-Dikme P48x3	0.52	G+Q+Wy	2.5	< 93.6 ✓
D284-Dikme P48x3	0.61	G+Q+Wy	2.8	< 93.6 ✓
D285-Dikme P48x3	0.58	G+Q+Wy	2.7	< 93.6 ✓
D286-Dikme P48x3	0.71	G+Q+Wy	3.3	< 93.6 ✓
D287-Dikme P48x3	0.53	G+Q+Wy	2.5	< 93.6 ✓
D288-Dikme P48x3	0.61	G+Q+Wy	2.9	< 93.6 ✓
D289-Dikme P48x3	0.02	G+Q+Wy	0.1	< 93.6 ✓
D290-Dikme P48x3	0.06	G+Q+Wy	0.3	< 93.6 ✓
D291-Dikme P48x3	0.47	G+Q+Wy	2.2	< 93.6 ✓
D292-Dikme P48x3	0.53	G+Q+Wy	2.5	< 93.6 ✓
D293-Dikme P48x3	0.54	G+Q+Wy	2.5	< 93.6 ✓
D294-Dikme P48x3	0.58	G+Q+Wy	2.7	< 93.6 ✓
D295-Dikme P48x3	0.50	G+Q+Wy	2.4	< 93.6 ✓
D296-Dikme P48x3	0.56	G+Q+Wy	2.6	< 93.6 ✓
D297-Dikme P48x3	0.57	G+Q+Wy	2.7	< 93.6 ✓
D298-Dikme P48x3	0.61	G+Q+Wy	2.9	< 93.6 ✓
D299-Dikme P48x3	0.51	G+Q+Wy	2.4	< 93.6 ✓
D300-Dikme P48x3	0.57	G+Q+Wy	2.7	< 93.6 ✓
D301-Dikme P48x3	0.62	G+Q+Wy	2.9	< 93.6 ✓
D302-Dikme P48x3	0.66	G+Q+Wy	3.1	< 93.6 ✓
D303-Dikme P48x3	0.73	G+Q+Wy	3.4	< 93.6 ✓
D304-Dikme P48x3	0.81	G+Q+Wy	3.8	< 93.6 ✓
C1-Çapraz P42.4x2.5	0.03	G+Q+Wx	0.2	< 93.6 ✓
C2-Çapraz P42.4x2.5	0.03	G+Q+Wsy	0.2	< 93.6 ✓
C3-Çapraz P42.4x2.5	0.03	G+Q+Nx	0.2	< 81.4 ✓
C4-Çapraz P42.4x2.5	0.03	G+Q+Wx	0.2	< 93.6 ✓
C5-Çapraz P42.4x2.5	0.03	G+Q+Nx	0.2	< 81.4 ✓
C6-Çapraz P42.4x2.5	0.03	G+Q+Nx	0.2	< 81.4 ✓

C7-Çapraz P42.4x2.5	0.03	G+Q+Ny	0.2	< 81.4 ✓
C8-Çapraz P42.4x2.5	0.03	G+Q+Nx	0.2	< 81.4 ✓
C9-Çapraz P42.4x2.5	0.03	G+Q+Wy	0.2	< 93.6 ✓
C10-Çapraz P42.4x2.5	0.03	G+Q+Wx	0.2	< 93.6 ✓
C11-Çapraz P42.4x2.5	0.03	G+Q+Nx	0.2	< 81.4 ✓
C12-Çapraz P42.4x2.5	0.03	G+Q+Nx	0.2	< 81.4 ✓
C13-Çapraz P42.4x2.5	0.03	G+Q+Nx	0.2	< 81.4 ✓
C14-Çapraz P42.4x2.5	0.03	G+Q+Nx	0.2	< 81.4 ✓
C15-Çapraz P42.4x2.5	0.03	G+Q+Wx	0.2	< 93.6 ✓
C16-Çapraz P42.4x2.5	0.03	G+Q+Nx	0.2	< 81.4 ✓
C17-Çapraz P42.4x2.5	0.03	G+Q+Nx	0.2	< 81.4 ✓
C18-Çapraz P42.4x2.5	0.03	G+Q+Wy	0.2	< 93.6 ✓
C19-Çapraz P42.4x2.5	0.03	G+Q+Nx	0.2	< 81.4 ✓
C20-Çapraz P42.4x2.5	0.03	G+Q+Nx	0.2	< 81.4 ✓
C21-Çapraz P42.4x2.5	0.03	G+Q+Nx	0.2	< 81.4 ✓
C22-Çapraz P42.4x2.5	0.03	G+Q+Wx	0.2	< 93.6 ✓
C23-Çapraz P42.4x2.5	0.03	G+Q+Wx	0.2	< 93.6 ✓
C24-Çapraz P42.4x2.5	0.03	G+Q+Wx	0.2	< 93.6 ✓
C25-Çapraz P42.4x2.5	0.03	G+Q+Wy	0.2	< 93.6 ✓
C26-Çapraz P42.4x2.5	0.03	G+Q+Wsx	0.2	< 93.6 ✓
C27-Çapraz P42.4x2.5	0.03	G+Q+Nx	0.2	< 81.4 ✓
C28-Çapraz P42.4x2.5	0.03	G+Q+Nx	0.2	< 81.4 ✓
C29-Çapraz P42.4x2.5	0.03	G+Q+Wx	0.2	< 93.6 ✓
C30-Çapraz P42.4x2.5	0.03	G+Q+Nx	0.2	< 81.4 ✓
C31-Çapraz P42.4x2.5	0.03	G+Q+Wx	0.2	< 93.6 ✓
C32-Çapraz P42.4x2.5	0.03	G+Q+Wx	0.2	< 93.6 ✓
K1-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K2-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K3-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K4-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K5-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K6-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K7-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K8-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K9-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K10-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K11-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K12-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K13-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K14-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K15-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K16-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K17-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓

K18-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K19-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K20-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K21-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K22-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K23-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K24-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K25-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K26-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K27-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K28-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K29-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K30-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K31-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K32-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K33-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K34-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K35-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K36-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K37-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K38-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K39-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K40-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K41-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K42-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K43-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K44-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K45-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K46-Korkuluk	0.02	G+Q+Wy	0.2	< 93.6 ✓

P33.7x2.5				
K47-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K48-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K49-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K50-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K51-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K52-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K53-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K54-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K55-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K56-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K57-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K58-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K59-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K60-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K61-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K62-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K63-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K64-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K65-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K66-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K67-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K68-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K69-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K70-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K71-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K72-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K73-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K74-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓

K75-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K76-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K77-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K78-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K79-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K80-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K81-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K82-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K83-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K84-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K85-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K86-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K87-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K88-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K89-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K90-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K91-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K92-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K93-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K94-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K95-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K96-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K97-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K98-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K99-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K100-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K101-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K102-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K103-Korkuluk	0.02	G+Q+Wy	0.2	< 93.6 ✓

P33.7x2.5				
K104-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K105-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K106-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K107-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K108-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K109-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K110-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K111-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K112-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K113-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K114-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K115-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K116-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K117-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K118-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K119-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K120-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K121-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K122-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K123-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K124-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K125-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K126-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K127-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K128-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K129-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K130-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K131-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓

K132-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K133-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K134-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K135-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K136-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K137-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K138-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K139-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K140-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K141-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K142-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K143-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K144-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K145-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K146-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K147-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K148-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K149-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K150-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K151-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K152-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K153-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K154-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K155-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K156-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K157-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K158-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K159-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K160-Korkuluk	0.02	G+Q+Wy	0.2	< 93.6 ✓

P33.7x2.5				
K161-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K162-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K163-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K164-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K165-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K166-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K167-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K168-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K169-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K170-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K171-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K172-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K173-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K174-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K175-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K176-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K177-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K178-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K179-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K180-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K181-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K182-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K183-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K184-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K185-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K186-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K187-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K188-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓

K189-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K190-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K191-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K192-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K193-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K194-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K195-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K196-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K197-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K198-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K199-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K200-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K201-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K202-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K203-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K204-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K205-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K206-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K207-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K208-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K209-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K210-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K211-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K212-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K213-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K214-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K215-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K216-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K217-Korkuluk	0.02	G+Q+Wy	0.2	< 93.6 ✓

P33.7x2.5				
K218-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K219-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K220-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K221-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K222-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K223-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K224-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K225-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K226-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K227-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K228-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K229-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K230-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K231-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K232-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K233-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K234-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K235-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K236-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K237-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K238-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K239-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K240-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K241-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K242-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K243-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K244-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K245-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓

K246-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K247-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K248-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K249-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K250-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K251-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K252-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K253-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K254-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K255-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K256-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K257-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K258-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K259-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K260-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K261-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K262-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K263-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K264-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K265-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K266-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K267-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K268-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K269-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K270-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K271-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K272-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K273-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K274-Korkuluk	0.02	G+Q+Wy	0.2	< 93.6 ✓

P33.7x2.5				
K275-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K276-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K277-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K278-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K279-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K280-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K281-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K282-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K283-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K284-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K285-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K286-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K287-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
K288-Korkuluk P33.7x2.5	0.02	G+Q+Wy	0.2	< 93.6 ✓
E2-Çerçeve RH60x40x2	1.22	G+Q+Wy	6.2	< 93.6 ✓
E4-Çerçeve RH60x40x2	0.20	G+Q+Wy	1.0	< 93.6 ✓
E6-Çerçeve RH60x40x2	0.17	G+Q+Wy	0.9	< 93.6 ✓
E8-Çerçeve RH60x40x2	0.20	G+Q+Wy	1.0	< 93.6 ✓
E10-Çerçeve RH60x40x2	0.23	G+Q+Wy	1.2	< 93.6 ✓
E12-Çerçeve RH60x40x2	0.49	G+Q+Ws	2.5	< 93.6 ✓
E14-Çerçeve RH60x40x2	0.59	G+Q+Wy	3.0	< 93.6 ✓
E16-Çerçeve RH60x40x2	2.45	G+Q+Wy	12.3	< 93.6 ✓
E18-Çerçeve RH60x40x2	0.95	G+Q+Wy	4.8	< 93.6 ✓
E20-Çerçeve RH60x40x2	0.77	G+Q+Wy	3.9	< 93.6 ✓
E22-Çerçeve RH60x40x2	0.25	G+Q+Wy	1.2	< 93.6 ✓
E24-Çerçeve RH60x40x2	0.24	G+Q+Wy	1.2	< 93.6 ✓
E26-Çerçeve RH60x40x2	0.23	G+Q+Wy	1.2	< 93.6 ✓
E28-Çerçeve RH60x40x2	0.79	G+Q+Nx	4.0	< 81.4 ✓

E30-Çerçeve RH60x40x2	0.82	G+Q+Wsy	4.1	< 93.6 ✓
E32-Çerçeve RH60x40x2	2.21	G+Q+Wy	11.1	< 93.6 ✓
E34-Çerçeve RH60x40x2	1.21	G+Q+Wy	6.1	< 93.6 ✓
E36-Çerçeve RH60x40x2	0.24	G+Q+Wy	1.2	< 93.6 ✓
E38-Çerçeve RH60x40x2	0.26	G+Q+Wy	1.3	< 93.6 ✓
E40-Çerçeve RH60x40x2	0.26	G+Q+Wy	1.3	< 93.6 ✓
E42-Çerçeve RH60x40x2	0.33	G+Q+Wy	1.7	< 93.6 ✓
E44-Çerçeve RH60x40x2	0.83	G+Q+Wsy	4.2	< 93.6 ✓
E46-Çerçeve RH60x40x2	0.85	G+Q+Wsy	4.3	< 93.6 ✓
E48-Çerçeve RH60x40x2	2.77	G+Q+Wy	13.9	< 93.6 ✓
E50-Çerçeve RH60x40x2	0.95	G+Q+Wy	4.8	< 93.6 ✓
E52-Çerçeve RH60x40x2	0.76	G+Q+Wy	3.8	< 93.6 ✓
E54-Çerçeve RH60x40x2	0.26	G+Q+Wy	1.3	< 93.6 ✓
E56-Çerçeve RH60x40x2	0.26	G+Q+Wy	1.3	< 93.6 ✓
E58-Çerçeve RH60x40x2	0.25	G+Q+Wy	1.3	< 93.6 ✓
E60-Çerçeve RH60x40x2	0.76	G+Q+Wsy	3.8	< 93.6 ✓
E62-Çerçeve RH60x40x2	0.80	G+Q+Wsy	4.0	< 93.6 ✓
E64-Çerçeve RH60x40x2	2.19	G+Q+Wy	11.0	< 93.6 ✓
E66-Çerçeve RH60x40x2	1.21	G+Q+Wy	6.1	< 93.6 ✓
E68-Çerçeve RH60x40x2	0.24	G+Q+Wy	1.2	< 93.6 ✓
E70-Çerçeve RH60x40x2	0.26	G+Q+Wy	1.3	< 93.6 ✓
E72-Çerçeve RH60x40x2	0.26	G+Q+Wy	1.3	< 93.6 ✓
E74-Çerçeve RH60x40x2	0.33	G+Q+Wy	1.7	< 93.6 ✓
E76-Çerçeve RH60x40x2	0.83	G+Q+Wsy	4.2	< 93.6 ✓
E78-Çerçeve RH60x40x2	0.85	G+Q+Wsy	4.3	< 93.6 ✓
E80-Çerçeve RH60x40x2	2.77	G+Q+Wy	13.9	< 93.6 ✓
E82-Çerçeve RH60x40x2	0.96	G+Q+Wy	4.8	< 93.6 ✓
E84-Çerçeve RH60x40x2	0.78	G+Q+Wy	3.9	< 93.6 ✓
E86-Çerçeve	0.24	G+Q+Wy	1.2	< 93.6 ✓

RH60x40x2				
E88-Çerçeve RH60x40x2	0.23	G+Q+Wy	1.2	< 93.6 ✓
E90-Çerçeve RH60x40x2	0.21	G+Q+Wy	1.1	< 93.6 ✓
E92-Çerçeve RH60x40x2	0.79	G+Q+Nx	4.0	< 81.4 ✓
E94-Çerçeve RH60x40x2	0.80	G+Q+Wsy	4.0	< 93.6 ✓
E96-Çerçeve RH60x40x2	2.22	G+Q+Wy	11.2	< 93.6 ✓
E98-Çerçeve RH60x40x2	1.22	G+Q+Wy	6.1	< 93.6 ✓
E100-Çerçeve RH60x40x2	0.23	G+Q+Wy	1.2	< 93.6 ✓
E102-Çerçeve RH60x40x2	0.24	G+Q+Wy	1.2	< 93.6 ✓
E104-Çerçeve RH60x40x2	0.24	G+Q+Wy	1.2	< 93.6 ✓
E106-Çerçeve RH60x40x2	0.31	G+Q+Wy	1.5	< 93.6 ✓
E108-Çerçeve RH60x40x2	0.84	G+Q+Nx	4.3	< 81.4 ✓
E110-Çerçeve RH60x40x2	0.85	G+Q+Wsy	4.3	< 93.6 ✓
E112-Çerçeve RH60x40x2	2.76	G+Q+Wy	13.9	< 93.6 ✓
E114-Çerçeve RH60x40x2	0.95	G+Q+Wy	4.8	< 93.6 ✓
E116-Çerçeve RH60x40x2	0.76	G+Q+Wy	3.8	< 93.6 ✓
E118-Çerçeve RH60x40x2	0.26	G+Q+Wy	1.3	< 93.6 ✓
E120-Çerçeve RH60x40x2	0.26	G+Q+Wy	1.3	< 93.6 ✓
E122-Çerçeve RH60x40x2	0.25	G+Q+Wy	1.3	< 93.6 ✓
E124-Çerçeve RH60x40x2	0.76	G+Q+Wsy	3.8	< 93.6 ✓
E126-Çerçeve RH60x40x2	0.80	G+Q+Wsy	4.0	< 93.6 ✓
E128-Çerçeve RH60x40x2	2.19	G+Q+Wy	11.0	< 93.6 ✓
E130-Çerçeve RH60x40x2	1.21	G+Q+Wy	6.1	< 93.6 ✓
E132-Çerçeve RH60x40x2	0.24	G+Q+Wy	1.2	< 93.6 ✓
E134-Çerçeve RH60x40x2	0.26	G+Q+Wy	1.3	< 93.6 ✓
E136-Çerçeve RH60x40x2	0.26	G+Q+Wy	1.3	< 93.6 ✓
E138-Çerçeve RH60x40x2	0.33	G+Q+Wy	1.7	< 93.6 ✓
E140-Çerçeve RH60x40x2	0.83	G+Q+Wsy	4.2	< 93.6 ✓
E142-Çerçeve RH60x40x2	0.85	G+Q+Wsy	4.3	< 93.6 ✓

E144-Çerçeve RH60x40x2	2.77	G+Q+Wy	13.9	< 93.6 ✓
E146-Çerçeve RH60x40x2	0.95	G+Q+Wy	4.8	< 93.6 ✓
E148-Çerçeve RH60x40x2	0.76	G+Q+Wy	3.8	< 93.6 ✓
E150-Çerçeve RH60x40x2	0.26	G+Q+Wy	1.3	< 93.6 ✓
E152-Çerçeve RH60x40x2	0.26	G+Q+Wy	1.3	< 93.6 ✓
E154-Çerçeve RH60x40x2	0.25	G+Q+Wy	1.3	< 93.6 ✓
E156-Çerçeve RH60x40x2	0.76	G+Q+Ws _y	3.8	< 93.6 ✓
E158-Çerçeve RH60x40x2	0.80	G+Q+Ws _y	4.0	< 93.6 ✓
E160-Çerçeve RH60x40x2	2.19	G+Q+Wy	11.0	< 93.6 ✓
E162-Çerçeve RH60x40x2	1.22	G+Q+Wy	6.1	< 93.6 ✓
E164-Çerçeve RH60x40x2	0.22	G+Q+Wy	1.1	< 93.6 ✓
E166-Çerçeve RH60x40x2	0.23	G+Q+Wy	1.2	< 93.6 ✓
E168-Çerçeve RH60x40x2	0.23	G+Q+Wy	1.2	< 93.6 ✓
E170-Çerçeve RH60x40x2	0.30	G+Q+Wy	1.5	< 93.6 ✓
E172-Çerçeve RH60x40x2	0.81	G+Q+Ws _y	4.1	< 93.6 ✓
E174-Çerçeve RH60x40x2	0.86	G+Q+Ws _y	4.3	< 93.6 ✓
E176-Çerçeve RH60x40x2	2.76	G+Q+Wy	13.9	< 93.6 ✓
E178-Çerçeve RH60x40x2	0.96	G+Q+Wy	4.8	< 93.6 ✓
E180-Çerçeve RH60x40x2	0.78	G+Q+Wy	3.9	< 93.6 ✓
E182-Çerçeve RH60x40x2	0.23	G+Q+Wy	1.1	< 93.6 ✓
E184-Çerçeve RH60x40x2	0.22	G+Q+Wy	1.1	< 93.6 ✓
E186-Çerçeve RH60x40x2	0.23	G+Q+N _x	1.2	< 81.4 ✓
E188-Çerçeve RH60x40x2	0.83	G+Q+N _x	4.2	< 81.4 ✓
E190-Çerçeve RH60x40x2	0.84	G+Q+N _x	4.2	< 81.4 ✓
E192-Çerçeve RH60x40x2	2.22	G+Q+Wy	11.2	< 93.6 ✓
E194-Çerçeve RH60x40x2	1.21	G+Q+Wy	6.1	< 93.6 ✓
E196-Çerçeve RH60x40x2	0.24	G+Q+Wy	1.2	< 93.6 ✓
E198-Çerçeve RH60x40x2	0.26	G+Q+Wy	1.3	< 93.6 ✓
E200-Çerçeve	0.26	G+Q+Wy	1.3	< 93.6 ✓

RH60x40x2				
E202-Çerçeve RH60x40x2	0.33	G+Q+W _y	1.7	< 93.6 ✓
E204-Çerçeve RH60x40x2	0.83	G+Q+W _{sy}	4.2	< 93.6 ✓
E206-Çerçeve RH60x40x2	0.85	G+Q+W _{sy}	4.3	< 93.6 ✓
E208-Çerçeve RH60x40x2	2.77	G+Q+W _y	13.9	< 93.6 ✓
E210-Çerçeve RH60x40x2	0.95	G+Q+W _y	4.8	< 93.6 ✓
E212-Çerçeve RH60x40x2	0.76	G+Q+W _y	3.8	< 93.6 ✓
E214-Çerçeve RH60x40x2	0.26	G+Q+W _y	1.3	< 93.6 ✓
E216-Çerçeve RH60x40x2	0.26	G+Q+W _y	1.3	< 93.6 ✓
E218-Çerçeve RH60x40x2	0.25	G+Q+W _y	1.3	< 93.6 ✓
E220-Çerçeve RH60x40x2	0.76	G+Q+W _{sy}	3.8	< 93.6 ✓
E222-Çerçeve RH60x40x2	0.80	G+Q+W _{sy}	4.0	< 93.6 ✓
E224-Çerçeve RH60x40x2	2.19	G+Q+W _y	11.0	< 93.6 ✓
E226-Çerçeve RH60x40x2	1.21	G+Q+W _y	6.1	< 93.6 ✓
E228-Çerçeve RH60x40x2	0.24	G+Q+W _y	1.2	< 93.6 ✓
E230-Çerçeve RH60x40x2	0.26	G+Q+W _y	1.3	< 93.6 ✓
E232-Çerçeve RH60x40x2	0.26	G+Q+W _y	1.3	< 93.6 ✓
E234-Çerçeve RH60x40x2	0.33	G+Q+W _y	1.7	< 93.6 ✓
E236-Çerçeve RH60x40x2	0.83	G+Q+W _{sy}	4.2	< 93.6 ✓
E238-Çerçeve RH60x40x2	0.85	G+Q+W _{sy}	4.3	< 93.6 ✓
E240-Çerçeve RH60x40x2	2.77	G+Q+W _y	13.9	< 93.6 ✓
E242-Çerçeve RH60x40x2	0.96	G+Q+W _y	4.8	< 93.6 ✓
E244-Çerçeve RH60x40x2	0.78	G+Q+W _y	3.9	< 93.6 ✓
E246-Çerçeve RH60x40x2	0.24	G+Q+W _y	1.2	< 93.6 ✓
E248-Çerçeve RH60x40x2	0.23	G+Q+W _y	1.2	< 93.6 ✓
E250-Çerçeve RH60x40x2	0.21	G+Q+W _y	1.1	< 93.6 ✓
E252-Çerçeve RH60x40x2	0.79	G+Q+N _x	4.0	< 81.4 ✓
E254-Çerçeve RH60x40x2	0.80	G+Q+W _{sy}	4.0	< 93.6 ✓
E256-Çerçeve RH60x40x2	2.22	G+Q+W _y	11.2	< 93.6 ✓

E258-Çerçeve RH60x40x2	1.22	G+Q+Wy	6.1	< 93.6 ✓
E260-Çerçeve RH60x40x2	0.23	G+Q+Wy	1.2	< 93.6 ✓
E262-Çerçeve RH60x40x2	0.24	G+Q+Wy	1.2	< 93.6 ✓
E264-Çerçeve RH60x40x2	0.24	G+Q+Wy	1.2	< 93.6 ✓
E266-Çerçeve RH60x40x2	0.31	G+Q+Wy	1.5	< 93.6 ✓
E268-Çerçeve RH60x40x2	0.84	G+Q+Nx	4.2	< 81.4 ✓
E270-Çerçeve RH60x40x2	0.85	G+Q+Ws _y	4.3	< 93.6 ✓
E272-Çerçeve RH60x40x2	2.76	G+Q+Wy	13.9	< 93.6 ✓
E274-Çerçeve RH60x40x2	0.95	G+Q+Wy	4.8	< 93.6 ✓
E276-Çerçeve RH60x40x2	0.76	G+Q+Wy	3.8	< 93.6 ✓
E278-Çerçeve RH60x40x2	0.26	G+Q+Wy	1.3	< 93.6 ✓
E280-Çerçeve RH60x40x2	0.26	G+Q+Wy	1.3	< 93.6 ✓
E282-Çerçeve RH60x40x2	0.25	G+Q+Wy	1.3	< 93.6 ✓
E284-Çerçeve RH60x40x2	0.76	G+Q+Ws _y	3.8	< 93.6 ✓
E286-Çerçeve RH60x40x2	0.80	G+Q+Ws _y	4.1	< 93.6 ✓
E288-Çerçeve RH60x40x2	2.19	G+Q+Wy	11.0	< 93.6 ✓
E290-Çerçeve RH60x40x2	1.22	G+Q+Wy	6.1	< 93.6 ✓
E292-Çerçeve RH60x40x2	0.20	G+Q+Wy	1.0	< 93.6 ✓
E294-Çerçeve RH60x40x2	0.18	G+Q+Wy	0.9	< 93.6 ✓
E296-Çerçeve RH60x40x2	0.21	G+Q+Wy	1.1	< 93.6 ✓
E298-Çerçeve RH60x40x2	0.24	G+Q+Wy	1.2	< 93.6 ✓
E300-Çerçeve RH60x40x2	0.47	G+Q+Wy	2.4	< 93.6 ✓
E302-Çerçeve RH60x40x2	0.58	G+Q+Wy	2.9	< 93.6 ✓
E304-Çerçeve RH60x40x2	2.46	G+Q+Wy	12.4	< 93.6 ✓

Ankraj Kontrolü

Düğüm No	Çelik Dübel Boyutu	Komb.	Maks. Çekme (kN)	Ankraj Kapasitesi (kN)
12	M12	G+Q+Wy	3.14	< 5.70 ✓
60	M12	G+Q+Wy	4.37	< 5.70 ✓
108	M12	G+Q+Wy	4.56	< 5.70 ✓
156	M12	G+Q+Wy	5.25	< 5.70 ✓

230	M12	G+Q+Wy	4.80	< 5.70 ✓
278	M12	G+Q+Wy	4.46	< 5.70 ✓
326	M12	G+Q+Wy	4.78	< 5.70 ✓
374	M12	G+Q+Wy	2.69	< 5.70 ✓
400	M12	G+Q+Wy	3.17	< 5.70 ✓
448	M12	G+Q+Wy	4.35	< 5.70 ✓
496	M12	G+Q+Wy	4.56	< 5.70 ✓
544	M12	G+Q+Wy	5.26	< 5.70 ✓
618	M12	G+Q+Wy	4.80	< 5.70 ✓
666	M12	G+Q+Wy	4.47	< 5.70 ✓
714	M12	G+Q+Wy	4.78	< 5.70 ✓
762	M12	G+Q+Wy	2.68	< 5.70 ✓
788	M12	G+Q+Wy	3.17	< 5.70 ✓
836	M12	G+Q+Wy	4.35	< 5.70 ✓
884	M12	G+Q+Wy	4.56	< 5.70 ✓
932	M12	G+Q+Wy	5.26	< 5.70 ✓
1006	M12	G+Q+Wy	4.80	< 5.70 ✓
1054	M12	G+Q+Wy	4.46	< 5.70 ✓
1102	M12	G+Q+Wy	4.78	< 5.70 ✓
1150	M12	G+Q+Wy	2.69	< 5.70 ✓
1176	M12	G+Q+Wy	3.18	< 5.70 ✓
1224	M12	G+Q+Wy	4.36	< 5.70 ✓
1272	M12	G+Q+Wy	4.56	< 5.70 ✓
1320	M12	G+Q+Wy	5.24	< 5.70 ✓
1394	M12	G+Q+Wy	4.80	< 5.70 ✓
1442	M12	G+Q+Wy	4.47	< 5.70 ✓
1490	M12	G+Q+Wy	4.78	< 5.70 ✓
1538	M12	G+Q+Wy	2.68	< 5.70 ✓
1564	M12	G+Q+Wy	3.17	< 5.70 ✓
1612	M12	G+Q+Wy	4.35	< 5.70 ✓
1660	M12	G+Q+Wy	4.56	< 5.70 ✓
1708	M12	G+Q+Wy	5.26	< 5.70 ✓
1782	M12	G+Q+Wy	4.80	< 5.70 ✓
1830	M12	G+Q+Wy	4.47	< 5.70 ✓
1878	M12	G+Q+Wy	4.78	< 5.70 ✓
1926	M12	G+Q+Wy	2.68	< 5.70 ✓
1952	M12	G+Q+Wy	3.18	< 5.70 ✓
2000	M12	G+Q+Wy	4.36	< 5.70 ✓
2048	M12	G+Q+Wy	4.56	< 5.70 ✓
2096	M12	G+Q+Wy	5.24	< 5.70 ✓
2170	M12	G+Q+Wy	4.79	< 5.70 ✓
2218	M12	G+Q+Wy	4.46	< 5.70 ✓
2266	M12	G+Q+Wy	4.78	< 5.70 ✓
2314	M12	G+Q+Wy	2.70	< 5.70 ✓
2340	M12	G+Q+Wy	3.17	< 5.70 ✓
2388	M12	G+Q+Wy	4.35	< 5.70 ✓
2436	M12	G+Q+Wy	4.56	< 5.70 ✓
2484	M12	G+Q+Wy	5.26	< 5.70 ✓
2558	M12	G+Q+Wy	4.80	< 5.70 ✓

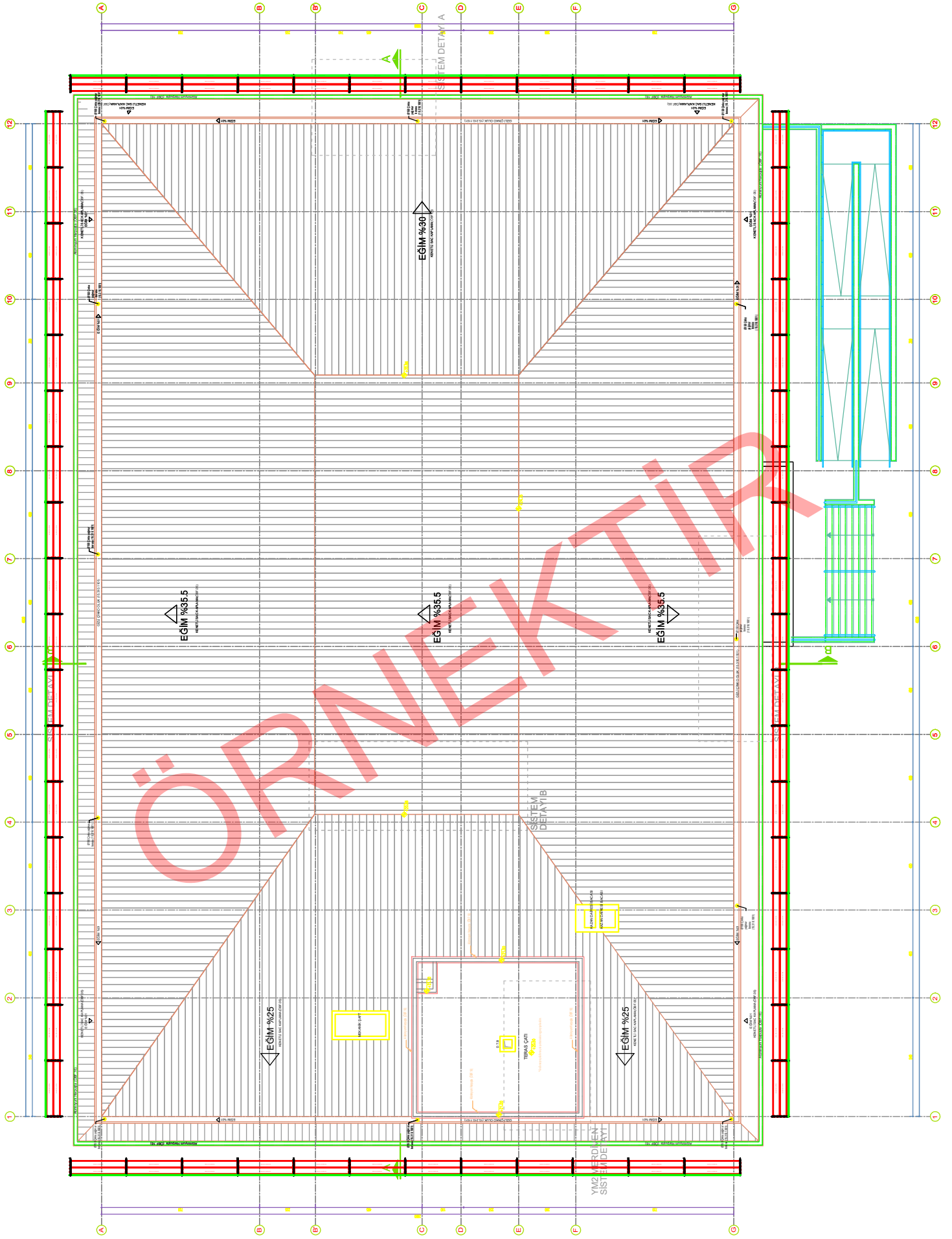
2606	M12	G+Q+Wy	4.47	< 5.70 ✓
2654	M12	G+Q+Wy	4.78	< 5.70 ✓
2702	M12	G+Q+Wy	2.68	< 5.70 ✓
2728	M12	G+Q+Wy	3.17	< 5.70 ✓
2776	M12	G+Q+Wy	4.35	< 5.70 ✓
2824	M12	G+Q+Wy	4.56	< 5.70 ✓
2872	M12	G+Q+Wy	5.26	< 5.70 ✓
2946	M12	G+Q+Wy	4.80	< 5.70 ✓
2994	M12	G+Q+Wy	4.46	< 5.70 ✓
3042	M12	G+Q+Wy	4.78	< 5.70 ✓
3090	M12	G+Q+Wy	2.69	< 5.70 ✓
3116	M12	G+Q+Wy	3.18	< 5.70 ✓
3164	M12	G+Q+Wy	4.36	< 5.70 ✓
3212	M12	G+Q+Wy	4.56	< 5.70 ✓
3260	M12	G+Q+Wy	5.24	< 5.70 ✓
3334	M12	G+Q+Wy	4.80	< 5.70 ✓
3382	M12	G+Q+Wy	4.47	< 5.70 ✓
3430	M12	G+Q+Wy	4.78	< 5.70 ✓
3478	M12	G+Q+Wy	2.68	< 5.70 ✓
3504	M12	G+Q+Wy	3.13	< 5.70 ✓
3552	M12	G+Q+Wy	4.36	< 5.70 ✓
3600	M12	G+Q+Wy	4.56	< 5.70 ✓
3648	M12	G+Q+Wy	5.25	< 5.70 ✓

Kullanılan Yönetmelikler

- TS EN 12810-1 : Ön yapımlı bileşenlerden oluşan cephe iskeleleri - Bölüm 1: Mamul Özellikleri
TS EN 12810-2 : Ön yapımlı bileşenlerden oluşan cephe iskeleleri - Bölüm 2: Özel yapısal tasarım metodları
TS EN 12811-1 : Geçici iş donanımları - Bölüm 1: İş iskeleleri - Performans gerekleri ve genel tasarım
TS EN 12811-2 : Geçici iş donanımları - Bölüm 2: Malzeme bilgileri
TS 648 : Çelik yapıların hesap ve yapım kuralları
TS 498 : Yapı elemanlarının boyutlandırılmasında alınacak yüklerin hesap değerleri

DEĞERLENDİRME VE SONUÇ

Rapor içerisinde malzeme kalitesi, profil tipleri, eleman ölçüleri, bağlantı şartları ve hangi elemanın nerede kullanıldığı açıkça belirtilmiştir. Statik analiz için ilgili yönetmelik ve kombinasyonlar doğrultusunda iskele sisteminin yük/kapasite hesapları yapılmıştır. Yapılan statik analiz sonucunda, yukarıda tanımlandığı şekilde şantiyede teşkil edilecek H tipi iskele elemanlarının, kombinasyon yüklemeleri altında **kapasite aşımına uğramadığı** görülmüştür. Kontrolü yapılan H tipi konsol iskelesinin kullanımında **yükleme değerlerinin dışına çıkılmadığı ve uygun bağlantı koşulları sağlandığı takdirde statik açıdan bir sakınca yoktur.**



Plan Görünümü