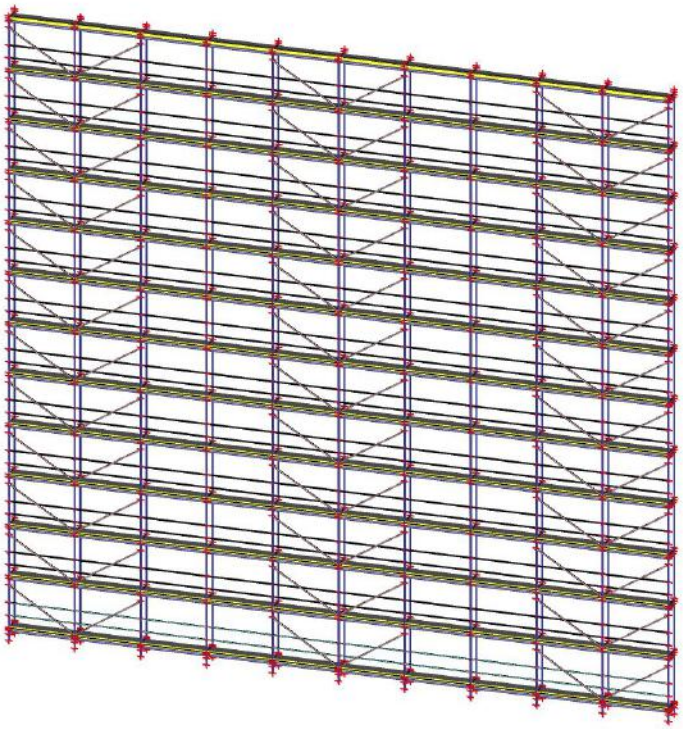
1. İçindekiler

2. YAPI BİLGİLERİ

Hesapları bu raporda gösterilen iskele sistemi tek cephe ve fileli iskeledir. İskele 10 açıklıklı ve 24 m yüksekliktedir.

Tasarımı yapılan iskele ebatları şu şekildedir kısa açıklık 0.7 m uzun açıklık 2.5 m * 10 açıklık ve yükseklik 2m *12 kat

İskele sistemi modelinde dikey elemanlar 48,3*3 mm boru ,yatay elemanlar 34*2,5 mm boru diyagonal elemanlar 38*2,5 mm boru üst profil 40*50*2 mm kutu alt profil 20*40*2 mm kutu profil kullanılmıştır.



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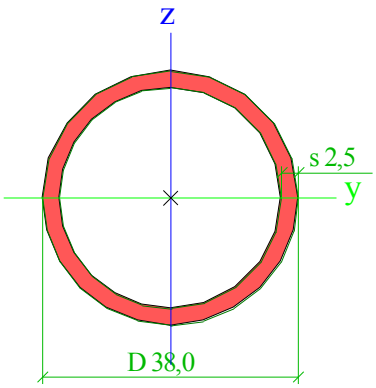
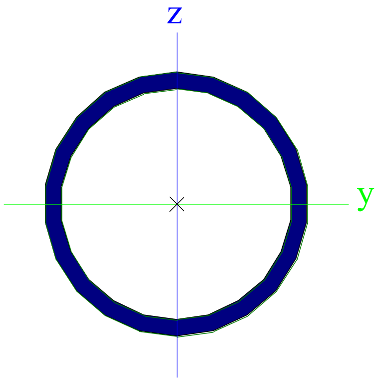
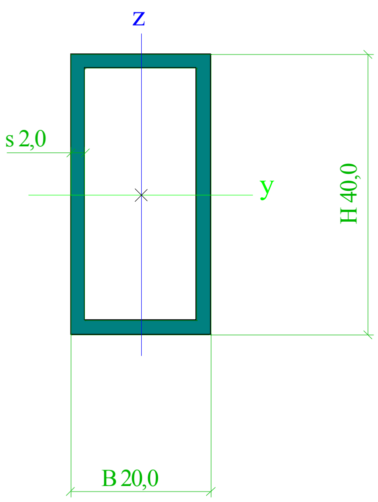
İNŞ. PROJE TAAH. SAN. VE TİC. LTD. ŞTİ.
Mebusevleri Mah. Ayten Sok. No: 31/6
Tel: 0312 213 17 [illegible] Çankaya / ANKARA
Malıepe Vergi Dairesi 055 040 5686

3. İskele elemanları

DIYAGONAL		
Type	CHS	
Detailed	38,0; 2,5	
Formcode	3 - Circular hollow sections	
Shape type	Thin-walled	
Item material	S 235	
Fabrication	rolled	
Flexural buckling y-y, Flexural buckling z-z	a	a
A [m^2]	2,7882e-04	
A_y [m^2], A_z [m^2]	1,7750e-04	1,7750e-04
A_L [m^2/m], A_D [m^2/m]	1,1937e-01	2,2304e-01
$c_{Y.UCS}$ [mm], $c_{Z.UCS}$ [mm]	19,0	19,0
α [deg]	0,00	
I_y [m^4], I_z [m^4]	4,4140e-08	4,4140e-08
i_y [mm], i_z [mm]	12,6	12,6
$W_{el.y}$ [m^3], $W_{el.z}$ [m^3]	2,3232e-06	2,3232e-06
$W_{pl.y}$ [m^3], $W_{pl.z}$ [m^3]	3,1558e-06	3,1558e-06
$M_{pl.y.+}$ [Nm], $M_{pl.y.-}$ [Nm]	7,41e+02	7,41e+02
$M_{pl.z.+}$ [Nm], $M_{pl.z.-}$ [Nm]	7,41e+02	7,41e+02
d_y [mm], d_z [mm]	0,0	0,0
I_t [m^4], I_w [m^6]	8,7845e-08	3,2159e-44
β_y [mm], β_z [mm]	0,0	0,0
Picture		

DİKME		
Type	CFCHS48.3X3	
Formcode	3 - Circular hollow sections	
Shape type	Thin-walled	
Item material	S 235	
Fabrication	rolled	
Flexural buckling y-y, Flexural buckling z-z	a	a
A [m^2]	4,2700e-04	
A_y [m^2], A_z [m^2]	2,7180e-04	2,7180e-04
A_L [m^2/m], A_D [m^2/m]	1,5200e-01	2,8461e-01
$c_{Y.UCS}$ [mm], $c_{Z.UCS}$ [mm]	24,2	24,1
α [deg]	0,00	
I_y [m^4], I_z [m^4]	1,1000e-07	1,1000e-07
i_y [mm], i_z [mm]	16,1	16,1
$W_{el.y}$ [m^3], $W_{el.z}$ [m^3]	4,5500e-06	4,5500e-06
$W_{pl.y}$ [m^3], $W_{pl.z}$ [m^3]	6,1700e-06	6,1700e-06
$M_{pl.y.+}$ [Nm], $M_{pl.y.-}$ [Nm]	1,45e+03	1,45e+03
$M_{pl.z.+}$ [Nm], $M_{pl.z.-}$ [Nm]	1,45e+03	1,45e+03
d_y [mm], d_z [mm]	0,0	0,0
I_t [m^4], I_w [m^6]	2,2000e-07	1,0353e-43
β_y [mm], β_z [mm]	0,0	0,0

Picture		
ALT_PROFIL		
Type	RHS	
Detailed	40,0; 20,0; 2,0; 0,1; 0,1	
Formcode	2 - Rectangular hollow sections	
Shape type	Thin-walled	
Item material	S 235	
Fabrication	rolled	
Flexural buckling y-y, Flexural buckling z-z	a	a
A [m^2]	2,2400e-04	
A_y [m^2], A_z [m^2]	7,4667e-05	1,4933e-04
A_L [m^2/m], A_D [m^2/m]	1,1983e-01	2,2366e-01
$c_{Y.UCS}$ [mm], $c_{Z.UCS}$ [mm]	10,0	20,0
α [deg]	0,00	
I_y [m^4], I_z [m^4]	4,4458e-08	1,4378e-08
i_y [mm], i_z [mm]	14,1	8,0
$W_{el.y}$ [m^3], $W_{el.z}$ [m^3]	2,2229e-06	1,4378e-06
$W_{pl.y}$ [m^3], $W_{pl.z}$ [m^3]	2,8160e-06	1,6960e-06
$M_{pl.y.+}$ [Nm], $M_{pl.y.-}$ [Nm]	6,62e+02	6,62e+02
$M_{pl.z.+}$ [Nm], $M_{pl.z.-}$ [Nm]	3,99e+02	3,99e+02
d_y [mm], d_z [mm]	0,0	0,0
I_t [m^4], I_w [m^6]	3,3717e-08	3,2000e-12
$β_y$ [mm], $β_z$ [mm]	0,0	0,0
Picture		
YATAY		
Type	CHS	
Detailed	34,0; 2,5	
Formcode	3 - Circular hollow sections	
Shape type	Thin-walled	
Item material	S 235	
Fabrication	rolled	
Flexural buckling y-y, Flexural buckling z-z	a	a
A [m^2]	2,4740e-04	
A_y [m^2], A_z [m^2]	1,5750e-04	1,5750e-04
A_L [m^2/m], A_D [m^2/m]	1,0681e-01	1,9791e-01
$c_{Y.UCS}$ [mm], $c_{Z.UCS}$ [mm]	17,0	17,0
α [deg]	0,00	
I_y [m^4], I_z [m^4]	3,0879e-08	3,0879e-08
i_y [mm], i_z [mm]	11,2	11,2
$W_{el.y}$ [m^3], $W_{el.z}$ [m^3]	1,8164e-06	1,8164e-06
$W_{pl.y}$ [m^3], $W_{pl.z}$ [m^3]	2,4858e-06	2,4858e-06
$M_{pl.y.+}$ [Nm], $M_{pl.y.-}$ [Nm]	5,84e+02	5,84e+02

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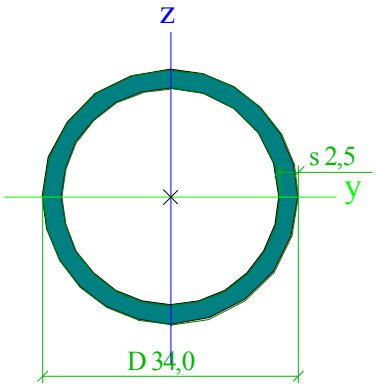
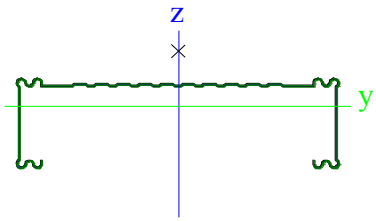
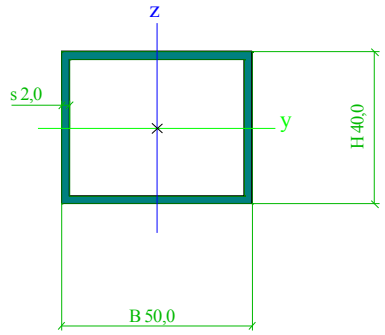
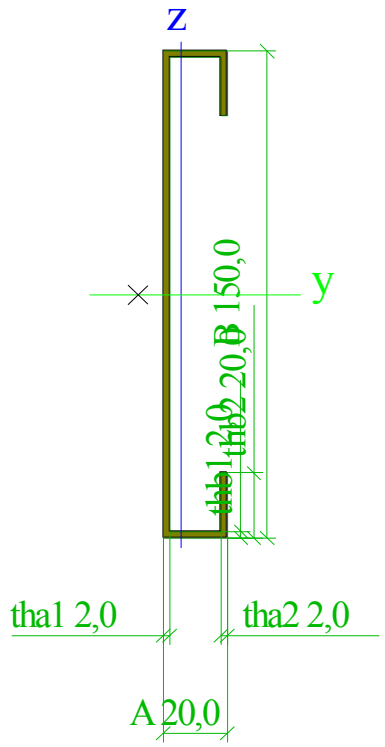
$M_{pl.z.+}$ [Nm], $M_{pl.z.-}$ [Nm]	5,84e+02	5,84e+02
d_y [mm], d_z [mm]	0,0	0,0
I_t [m^4], I_w [m^6]	6,1371e-08	2,0012e-44
β_y [mm], β_z [mm]	0,0	0,0
Picture		
Platform		
Type	General cross-section	
Shape type	Thin-walled	
Item material	S 235	
Fabrication	rolled	
Flexural buckling y-y, Flexural buckling z-z	d	d
A [m^2]	9,0086e-04	
A_y [m^2], A_z [m^2]	4,9396e-04	2,5006e-04
A_L [m^2/m], A_D [m^2/m]	1,2054e+00	1,2054e+00
$c_{Y.UCS}$ [mm], $c_{Z.UCS}$ [mm]	-220,4	143,1
α [deg]	0,00	
I_y [m^4], I_z [m^4]	8,6600e-07	1,3629e-05
i_y [mm], i_z [mm]	31,0	123,0
$W_{el.y}$ [m^3], $W_{el.z}$ [m^3]	1,3797e-05	8,5247e-05
$W_{pl.y}$ [m^3], $W_{pl.z}$ [m^3]	1,9350e-05	1,0114e-04
$M_{pl.y.+}$ [Nm], $M_{pl.y.-}$ [Nm]	4,55e+03	4,55e+03
$M_{pl.z.+}$ [Nm], $M_{pl.z.-}$ [Nm]	2,38e+04	2,38e+04
d_y [mm], d_z [mm]	0,0	54,6
I_t [m^4], I_w [m^6]	6,4080e-10	1,8695e-08
β_y [mm], β_z [mm]	-310,5	0,0
Picture		
ÜST_PROFIL		
Type	RHS	
Detailed	40,0; 50,0; 2,0; 0,1; 0,1	
Formcode	2 - Rectangular hollow sections	
Shape type	Thin-walled	
Item material	S 235	
Fabrication	rolled	
Flexural buckling y-y, Flexural buckling z-z	a	a
A [m^2]	3,4400e-04	
A_y [m^2], A_z [m^2]	1,9111e-04	1,5289e-04
A_L [m^2/m], A_D [m^2/m]	1,7983e-01	3,4366e-01
$c_{Y.UCS}$ [mm], $c_{Z.UCS}$ [mm]	25,0	20,0
α [deg]	0,00	
I_y [m^4], I_z [m^4]	8,7818e-08	1,2466e-07
i_y [mm], i_z [mm]	16,0	19,0
$W_{el.y}$ [m^3], $W_{el.z}$ [m^3]	4,3909e-06	4,9863e-06
$W_{pl.y}$ [m^3], $W_{pl.z}$ [m^3]	5,0960e-06	5,9560e-06
$M_{pl.y.+}$ [Nm], $M_{pl.y.-}$ [Nm]	1,20e+03	1,20e+03
$M_{pl.z.+}$ [Nm], $M_{pl.z.-}$ [Nm]	1,40e+03	1,40e+03
d_y [mm], d_z [mm]	0,0	0,0
I_t [m^4], I_w [m^6]	1,5520e-07	3,0000e-11
β_y [mm], β_z [mm]	0,0	0,0

Picture		
TOPUKLUK		
Type	C	
Detailed	20,0; 2,0; 2,0; 150,0; 2,0; 20,0	
Shape type	Thick-walled	
Item material	S 235	
Fabrication	rolled	
Flexural buckling y-y, Flexural buckling z-z	d	d
A [m^2]	4,4400e-04	
A_y [m^2], A_z [m^2]	8,0525e-05	2,9247e-04
A_L [m^2/m], A_D [m^2/m]	4,4800e-01	4,4800e-01
$c_{Y.UCS}$ [mm], $c_{Z.UCS}$ [mm]	5,5	75,0
α [deg]	0,00	
I_y [m^4], I_z [m^4]	1,2537e-06	2,3442e-08
i_y [mm], i_z [mm]	53,1	7,3
$W_{el.y}$ [m^3], $W_{el.z}$ [m^3]	1,6715e-05	1,6212e-06
$W_{pl.y}$ [m^3], $W_{pl.z}$ [m^3]	2,1186e-05	2,1314e-06
$M_{pl.y.+}$ [Nm], $M_{pl.y.-}$ [Nm]	4,98e+03	4,98e+03
$M_{pl.z.+}$ [Nm], $M_{pl.z.-}$ [Nm]	5,01e+02	5,01e+02
d_y [mm], d_z [mm]	-13,2	0,0
I_t [m^4], I_w [m^6]	5,1673e-10	1,2056e-10
β_y [mm], β_z [mm]	-0,1	187,9
Picture		

Explanations of symbols	
Formcode	d - Diameter w - Thickness
A	Area
A_y	Shear Area in principal y-direction
A_z	Shear Area in principal z-direction
A_L	Circumference per unit length
A_D	Drying surface per unit length
$c_{Y.UCS}$	Centroid coordinate in Y-direction of Input axis system

Explanations of symbols	
$c_{Z.UCS}$	Centroid coordinate in Z-direction of Input axis system
$I_{Y.LCS}$	Second moment of area about the YLCS axis
$I_{Z.LCS}$	Second moment of area about the ZLCS axis
$I_{YZ.LCS}$	Product moment of area in the LCS system
α	Rotation angle of the principal axis

Explanations of symbols	
	system
I_y	Second moment of area about the principal y-axis
I_z	Second moment of area about the principal z-axis
i_y	Radius of gyration about the principal y-axis
i_z	Radius of gyration about the principal z-axis
$W_{el.y}$	Elastic section modulus about the principal y-axis
$W_{el.z}$	Elastic section modulus about the principal z-axis
$W_{pl.y}$	Plastic section modulus about the principal y-axis

Explanations of symbols	
$W_{pl.z}$	Plastic section modulus about the principal z-axis
$M_{pl.y.+}$	Plastic moment about the principal y-axis for a positive My moment
$M_{pl.y.-}$	Plastic moment about the principal y-axis for a negative My moment
$M_{pl.z.+}$	Plastic moment about the principal z-axis for a positive Mz moment
$M_{pl.z.-}$	Plastic moment about the principal z-axis for a negative Mz moment
d_y	Shear center coordinate in principal y-direction measured from the centroid
d_z	Shear center coordinate in principal z-direction measured from the centroid
I_t	Torsional constant
I_w	Warping constant
β_y	Mono-symmetry constant about the principal y-axis
β_z	Mono-symmetry constant about the principal z-axis

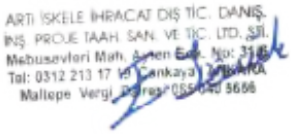
4. Duvar ankrajı ve taban mesnetleri

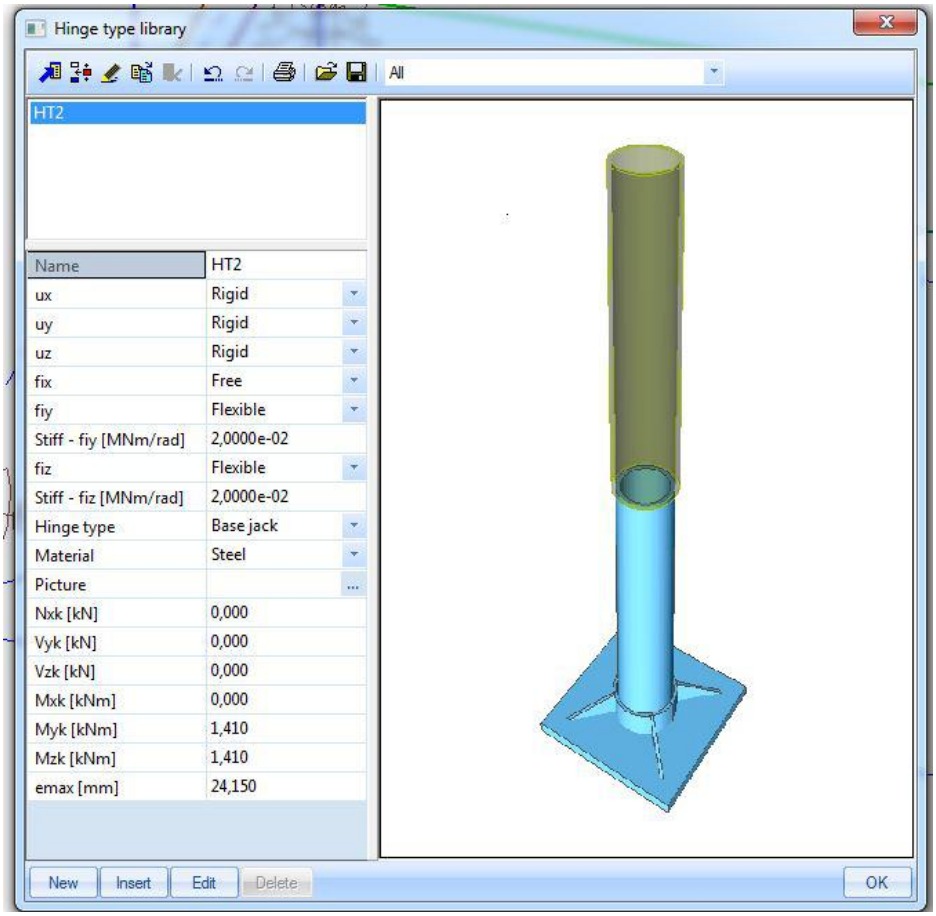
Name	Node	System	Type	X	Y	Z	Rx	Ry	Rz	Angle [deg]
Sn26	N20	GCS	Standard	Rigid	Rigid	Free	Free	Free	Free	Rx180.00
Sn29	N26	GCS	Standard	Rigid	Rigid	Free	Free	Free	Free	Rx180.00
Sn34	N280	GCS	Standard	Rigid	Rigid	Free	Free	Free	Free	Rx180.00,Ry180.00
Sn37	N286	GCS	Standard	Rigid	Rigid	Free	Free	Free	Free	Rx180.00,Ry180.00
Sn51	N72	GCS	Standard	Rigid	Rigid	Free	Free	Free	Free	Rx180.00,Ry180.00
Sn52	N124	GCS	Standard	Rigid	Rigid	Free	Free	Free	Free	Rx180.00,Ry180.00
Sn53	N176	GCS	Standard	Rigid	Rigid	Free	Free	Free	Free	Rx180.00,Ry180.00
Sn54	N228	GCS	Standard	Rigid	Rigid	Free	Free	Free	Free	Rx180.00,Ry180.00
Sn63	N78	GCS	Standard	Rigid	Rigid	Free	Free	Free	Free	Rx180.00,Ry180.00
Sn64	N130	GCS	Standard	Rigid	Rigid	Free	Free	Free	Free	Rx180.00,Ry180.00
Sn65	N182	GCS	Standard	Rigid	Rigid	Free	Free	Free	Free	Rx180.00,Ry180.00
Sn66	N234	GCS	Standard	Rigid	Rigid	Free	Free	Free	Free	Rx180.00,Ry180.00
Sn38	N1301	GCS	Standard	Friction	Friction	Rigid press only	Free	Free	Free	
Sn39	N1302	GCS	Standard	Friction	Friction	Rigid press only	Free	Free	Free	
Sn40	N1303	GCS	Standard	Friction	Friction	Rigid press only	Free	Free	Free	
Sn41	N1304	GCS	Standard	Friction	Friction	Rigid press only	Free	Free	Free	
Sn42	N1305	GCS	Standard	Friction	Friction	Rigid press only	Free	Free	Free	
Sn43	N1306	GCS	Standard	Friction	Friction	Rigid press only	Free	Free	Free	
Sn44	N1307	GCS	Standard	Friction	Friction	Rigid press only	Free	Free	Free	
Sn45	N1308	GCS	Standard	Friction	Friction	Rigid press only	Free	Free	Free	
Sn46	N1309	GCS	Standard	Friction	Friction	Rigid press only	Free	Free	Free	
Sn47	N1310	GCS	Standard	Friction	Friction	Rigid press only	Free	Free	Free	
Sn48	N1311	GCS	Standard	Friction	Friction	Rigid press only	Free	Free	Free	
Sn49	N1312	GCS	Standard	Friction	Friction	Rigid press only	Free	Free	Free	
Sn50	N1313	GCS	Standard	Friction	Friction	Rigid press only	Free	Free	Free	
Sn51	N1314	GCS	Standard	Friction	Friction	Rigid press only	Free	Free	Free	
Sn52	N1315	GCS	Standard	Friction	Friction	Rigid press only	Free	Free	Free	
Sn53	N1316	GCS	Standard	Friction	Friction	Rigid press only	Free	Free	Free	
Sn54	N1317	GCS	Standard	Friction	Friction	Rigid press only	Free	Free	Free	
Sn55	N1318	GCS	Standard	Friction	Friction	Rigid press only	Free	Free	Free	
Sn56	N1319	GCS	Standard	Friction	Friction	Rigid press only	Free	Free	Free	
Sn57	N1320	GCS	Standard	Friction	Friction	Rigid press only	Free	Free	Free	
Sn58	N1321	GCS	Standard	Friction	Friction	Rigid press only	Free	Free	Free	
Sn59	N1322	GCS	Standard	Friction	Friction	Rigid press only	Free	Free	Free	
Sn103	N46	GCS	Standard	Rigid	Rigid	Free	Free	Free	Free	Rx180.00
Sn104	N98	GCS	Standard	Rigid	Rigid	Free	Free	Free	Free	Rx180.00
Sn105	N150	GCS	Standard	Rigid	Rigid	Free	Free	Free	Free	Rx180.00
Sn106	N202	GCS	Standard	Rigid	Rigid	Free	Free	Free	Free	Rx180.00
Sn107	N254	GCS	Standard	Rigid	Rigid	Free	Free	Free	Free	Rx180.00
Sn114	N52	GCS	Standard	Rigid	Rigid	Free	Free	Free	Free	Rx180.00
Sn115	N104	GCS	Standard	Rigid	Rigid	Free	Free	Free	Free	Rx180.00
Sn116	N156	GCS	Standard	Rigid	Rigid	Free	Free	Free	Free	Rx180.00
Sn117	N208	GCS	Standard	Rigid	Rigid	Free	Free	Free	Free	Rx180.00
Sn118	N260	GCS	Standard	Rigid	Rigid	Free	Free	Free	Free	Rx180.00
Sn119	N16	GCS	Standard	Rigid	Rigid	Free	Free	Free	Free	Rx180.00
Sn120	N42	GCS	Standard	Rigid	Rigid	Free	Free	Free	Free	Rx180.00
Sn121	N68	GCS	Standard	Rigid	Rigid	Free	Free	Free	Free	Rx180.00
Sn122	N94	GCS	Standard	Rigid	Rigid	Free	Free	Free	Free	Rx180.00
Sn123	N120	GCS	Standard	Rigid	Rigid	Free	Free	Free	Free	Rx180.00
Sn124	N146	GCS	Standard	Rigid	Rigid	Free	Free	Free	Free	Rx180.00
Sn125	N172	GCS	Standard	Rigid	Rigid	Free	Free	Free	Free	Rx180.00

Name	Node	System	Type	X	Y	Z	Rx	Ry	Rz	Angle [deg]
Sn126	N198	GCS	Standard	Rigid	Rigid	Free	Free	Free	Free	Rx180.00
Sn127	N224	GCS	Standard	Rigid	Rigid	Free	Free	Free	Free	Rx180.00
Sn128	N250	GCS	Standard	Rigid	Rigid	Free	Free	Free	Free	Rx180.00
Sn129	N276	GCS	Standard	Rigid	Rigid	Free	Free	Free	Free	Rx180.00
Sn130	N18	GCS	Standard	Rigid	Rigid	Free	Free	Free	Free	Rx180.00
Sn131	N44	GCS	Standard	Rigid	Rigid	Free	Free	Free	Free	Rx180.00
Sn132	N70	GCS	Standard	Rigid	Rigid	Free	Free	Free	Free	Rx180.00
Sn133	N96	GCS	Standard	Rigid	Rigid	Free	Free	Free	Free	Rx180.00
Sn134	N122	GCS	Standard	Rigid	Rigid	Free	Free	Free	Free	Rx180.00
Sn135	N148	GCS	Standard	Rigid	Rigid	Free	Free	Free	Free	Rx180.00
Sn136	N174	GCS	Standard	Rigid	Rigid	Free	Free	Free	Free	Rx180.00
Sn137	N200	GCS	Standard	Rigid	Rigid	Free	Free	Free	Free	Rx180.00
Sn138	N226	GCS	Standard	Rigid	Rigid	Free	Free	Free	Free	Rx180.00
Sn139	N252	GCS	Standard	Rigid	Rigid	Free	Free	Free	Free	Rx180.00
Sn140	N278	GCS	Standard	Rigid	Rigid	Free	Free	Free	Free	Rx180.00
Sn141	N22	GCS	Standard	Rigid	Rigid	Free	Free	Free	Free	Rx180.00
Sn142	N48	GCS	Standard	Rigid	Rigid	Free	Free	Free	Free	Rx180.00
Sn143	N74	GCS	Standard	Rigid	Rigid	Free	Free	Free	Free	Rx180.00
Sn144	N100	GCS	Standard	Rigid	Rigid	Free	Free	Free	Free	Rx180.00
Sn145	N126	GCS	Standard	Rigid	Rigid	Free	Free	Free	Free	Rx180.00
Sn146	N152	GCS	Standard	Rigid	Rigid	Free	Free	Free	Free	Rx180.00
Sn147	N178	GCS	Standard	Rigid	Rigid	Free	Free	Free	Free	Rx180.00
Sn148	N204	GCS	Standard	Rigid	Rigid	Free	Free	Free	Free	Rx180.00
Sn149	N230	GCS	Standard	Rigid	Rigid	Free	Free	Free	Free	Rx180.00
Sn150	N256	GCS	Standard	Rigid	Rigid	Free	Free	Free	Free	Rx180.00
Sn151	N282	GCS	Standard	Rigid	Rigid	Free	Free	Free	Free	Rx180.00
Sn152	N24	GCS	Standard	Rigid	Rigid	Free	Free	Free	Free	Rx180.00
Sn153	N50	GCS	Standard	Rigid	Rigid	Free	Free	Free	Free	Rx180.00
Sn154	N76	GCS	Standard	Rigid	Rigid	Free	Free	Free	Free	Rx180.00
Sn155	N102	GCS	Standard	Rigid	Rigid	Free	Free	Free	Free	Rx180.00
Sn156	N128	GCS	Standard	Rigid	Rigid	Free	Free	Free	Free	Rx180.00
Sn157	N154	GCS	Standard	Rigid	Rigid	Free	Free	Free	Free	Rx180.00
Sn158	N180	GCS	Standard	Rigid	Rigid	Free	Free	Free	Free	Rx180.00
Sn159	N206	GCS	Standard	Rigid	Rigid	Free	Free	Free	Free	Rx180.00
Sn160	N232	GCS	Standard	Rigid	Rigid	Free	Free	Free	Free	Rx180.00
Sn161	N258	GCS	Standard	Rigid	Rigid	Free	Free	Free	Free	Rx180.00
Sn162	N284	GCS	Standard	Rigid	Rigid	Free	Free	Free	Free	Rx180.00

5. Ayarlanabilir taban plakası

Name	ux	uy	uz	fix	fiy	fiz	Hinge type	Nxk [kN]	Vyk [kN]	Vzk [kN]	emax [mm]
								Mxk [kNm]	Myk [kNm]	Mzk [kNm]	
HT2	Rigid	Rigid	Rigid	Free	Flexible	Flexible	Base jack	0,000	0,000	0,000	24,150
								0,000	1,410	1,410	





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Malepe Vergi Dairesi 055[illegible]5686

İSKELE PARAMETRELERİ:

KONUMA BAĞLI RÜZGAR ETKİ KATSAYISI Cs : 0,28

AERODİNAMİK KUVVET KATSAYISI Cf : 1,3

ÇALIŞMA RÜZGAR BASINCI q : 0.2 kn/m2

6. MALZEME BİLGİLERİ

6.1. ÇELİK MALZEMESİ

Steel EC3

Name	Unit mass [kg/m³]	E mod [MPa]	Poisson - nu	Lower limit [mm]	Upper limit [mm]	Fy (range) [MPa]	Fu (range) [MPa]
		G mod [MPa]	Thermal exp [m/mK]				
S 235	7850,0	2,1000e+05	0.3	0,0	40,0	235,0	360,0
		8,0769e+04	0,00	40,0	80,0	215,0	360,0

6.2. Kaplama Malzemesi

FİLE

PP-şerit dokulu tekstil. 3 sıra kuşgözü şeritlidir. UV ışınlarına dayanıklıdır.

TEKNİK ÖZELLİKLER

Yırtılma mukavemeti	yakl. 550 N/5 cm
Isı dayanımı	-40 °C ile +80 °C arasında
Ağırlık	yakl. 90 g/m²
Rulo ölçüleri	20 x 2,60 m 20 x 3,20 m

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7. YÜK DURUMLARI

7.1. Zati ağırlıklar (SW)

Profil ağırlıkları program tarafından ölü yük olarak hesaplanmaktadır.

7.2. Servis yükleri (SL)

Yük sınıfı 4 için 3 kN/ m2 Servis yükü olarak tanımlanmıştır. Yükleme 12. kata yarım yük 11. kata tam yük ve 10. kata yarım yük olarak etkitilmiştir.

Serviş dışı durum için yük sınıfı 4 e göre alınan 3 kN/m2 yükün %50 si 11. kata uygulanmıştır.

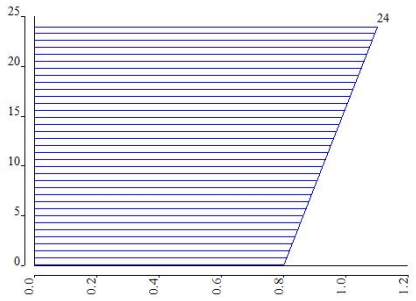
7.3. Rüzgar yükleri (W)

İskele rüzgar hesap yükleri ;

Maximum rüzgar yükü değeri için aşağıdaki diagram kullanılmıştır.

Name	WP1
Selector switch	×
Input	user
Height / Pressure	0.000000 / 800.000000
	24.000000 / 1100.000000

Drawing



8. YÜK KOMBİNASYONLARI

Name	Type	Load cases	Coeff. [-]
CO1	Linear - ultimate	SW - Zati ağırlık	1,35
		Wy - Rüzgar	0,90
		SL1 - Servis yükü %50	1,50
CO2	Linear - ultimate	SW - Zati ağırlık	1,35
		Wx - Rüzgar	0,90
		SL1 - Servis yükü %50	1,50
CO3	Linear - ultimate	SW - Zati ağırlık	1,35
		SL - Servis yükü	1,50
CO4	Linear - ultimate	SW - Zati ağırlık	1,35
		SL - Servis yükü	1,50
		Wy_çalışma - Rüzgar	0,90
CO5	Linear - ultimate	SW - Zati ağırlık	1,35
		SL - Servis yükü	1,50
		Wx_Çalışma - Rüzgar	0,90
CO6	Linear - ultimate	SW - Zati ağırlık	1,35
		SL - Servis yükü	1,05
CO7	Linear - ultimate	SW - Zati ağırlık	1,35
		Wx - Rüzgar	1,50
		SL1 - Servis yükü %50	1,05
CO8	Linear - ultimate	SW - Zati ağırlık	1,35
		Wy - Rüzgar	1,50
		SL1 - Servis yükü %50	1,05
CO9	Linear - ultimate	SW - Zati ağırlık	1,35
		SL - Servis yükü	1,05
		Wy_çalışma - Rüzgar	1,50
CO10	Linear - ultimate	SW - Zati ağırlık	1,35
		SL - Servis yükü	1,05
		Wx_Çalışma - Rüzgar	1,50
CO11	Linear - serviceability	SW - Zati ağırlık	1,00
		Wx - Rüzgar	1,00
		SL1 - Servis yükü %50	1,00
CO12	Linear - serviceability	SW - Zati ağırlık	1,00
		Wy - Rüzgar	1,00
		SL1 - Servis yükü %50	1,00
CO13	Linear - serviceability	SW - Zati ağırlık	1,00
		SL - Servis yükü	1,00
CO14	Linear - serviceability	SW - Zati ağırlık	1,00
		SL - Servis yükü	1,00
		Wy_çalışma - Rüzgar	1,00
CO15	Linear - serviceability	SW - Zati ağırlık	1,00
		SL - Servis yükü	1,00
		Wx_Çalışma - Rüzgar	1,00

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9. Nonlineer Kombinasyonlar

Name	Type	Load cases	Coeff. [-]
NC1	Ultimate	SW - Zati ağırlık	1,35
		Wy - Rüzgar	0,90
		SL1 - Servis yükü %50	1,50
NC2	Ultimate	SW - Zati ağırlık	1,35
		Wx - Rüzgar	0,90
		SL1 - Servis yükü %50	1,50
NC3	Ultimate	SW - Zati ağırlık	1,35
		SL - Servis yükü	1,50
NC4	Ultimate	SW - Zati ağırlık	1,35
		SL - Servis yükü	1,50
		Wy_çalışma - Rüzgar	0,90
NC5	Ultimate	SW - Zati ağırlık	1,35
		SL - Servis yükü	1,50
		Wx_Çalışma - Rüzgar	0,90
NC6	Ultimate	SW - Zati ağırlık	1,35
		SL - Servis yükü	1,05
NC7	Ultimate	SW - Zati ağırlık	1,35
		Wx - Rüzgar	1,50
		SL1 - Servis yükü %50	1,05
NC8	Ultimate	SW - Zati ağırlık	1,35
		Wy - Rüzgar	1,50
		SL1 - Servis yükü %50	1,05
NC9	Ultimate	SW - Zati ağırlık	1,35
		SL - Servis yükü	1,05
		Wy_çalışma - Rüzgar	1,50
NC10	Ultimate	SW - Zati ağırlık	1,35
		SL - Servis yükü	1,05

Name	Type	Load cases	Coeff. [-]
		Wx_Çalışma - Rüzgar	1,50
NC11	Serviceability	SW - Zati ağırlık	1,00
		Wx - Rüzgar	1,00
		SL1 - Servis yükü %50	1,00
NC12	Serviceability	SW - Zati ağırlık	1,00
		Wy - Rüzgar	1,00
		SL1 - Servis yükü %50	1,00
NC13	Serviceability	SW - Zati ağırlık	1,00
		SL - Servis yükü	1,00
NC14	Serviceability	SW - Zati ağırlık	1,00
		SL - Servis yükü	1,00
		Wy_çalışma - Rüzgar	1,00
NC15	Serviceability	SW - Zati ağırlık	1,00
		SL - Servis yükü	1,00
		Wx_Çalışma - Rüzgar	1,00

10. Stability combinations

Name	Load cases	Coeff. [-]
S1	SW - Zati ağırlık	1,35
	Wy - Rüzgar	0,90
	SL1 - Servis yükü %50	1,50
S1/1 - 6,65		

11. Result classes

Name	Description	List
ULS1	servis durumu	CO3 - Linear - ultimate
		CO4 - Linear - ultimate
		CO5 - Linear - ultimate
		CO6 - Linear - ultimate
		CO9 - Linear - ultimate
		CO10 - Linear - ultimate
All SLS		CO11 - Linear - serviceability
		CO12 - Linear - serviceability
		CO13 - Linear - serviceability
		CO14 - Linear - serviceability
		CO15 - Linear - serviceability
NC ULS		NC1
		NC2
		NC3
		NC4
		NC5
		NC6
		NC7
		NC8
		NC9
		NC10
NC SLS		NC11
		NC12
		NC13
		NC14
		NC15
ULS2	servis dışı	CO1 - Linear - ultimate
		CO2 - Linear - ultimate
		CO7 - Linear - ultimate
		CO8 - Linear - ultimate

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12. STANDARTLAR VE KAYNAKLAR

- 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 1993-1-1 " Çelik yapıların projelendirilmesi - Bölüm 1-1 Genel kurallar ve bina kuralları"

13. SİSTEM TASARIMI

İskele sistemi oluşturulan kombinasyonlar altında lineer analizler ile kontrol edilmiştir. Stabilite analizleri yapılarak ikinci mertebe analizine gerek olmadığı görülmüş fakat yine de nonlineer analizler yapılarak ikinci mertebe analizleri ve yapı kusuru da dikkate alınmıştır.

14. YÜK ANALİZİ

14.1. Servis yükü durumu (SL) (SL1)

Servis yüklerinin elemanlara dağılımı aşağıdaki diyagramda gösterilmiştir.

Servis Durumu
Fs = Ay1*3 kN/m2 = 0,30 * 3 kN/m2 = 0,90 / 2 = 0,45 kN/m (Düzgün yayılı yük) 10. ve 12. kat
Fs = Ay1*3 kN/m2 = 0,30 * 3 kN/m2 = 0,90 kN/m (Düzgün yayılı yük) 11. kat
Servis Dışı Durum
Fs =Ay1*0,5*3 kN/m2 = 0,3*1,5 kN/m2=0,45 kN/m (Düzgün yayılı yük) 10. kat

14.2. Rüzgar yükü durumu (W)

Rüzgar yükü dağılımları aşağıdaki diyagramda gösterilmiştir.

Çalışma rüzgar yükü durumu hesap değerleri

F = 0,28 * 1,3 * 2,5 * 0,2 = 0,162 kN/m Dikme elemanlarına

Maximum rüzgar

Diagrama girilmiş değerler otomatik olarak hesaplanıp dikme elemanları üzerine etkitilmiştir.

14.3. Elemanların üzerindeki yükler

Name	Member	Type	Dir	Value - P_1 [kN/m]	Pos x_1	Coor	Orig	Ecc ey
	Load case	System	Distribution	Value - P_2 [kN/m]	Pos x_2	Loc		Ecc ez
LF1	PL221	Force	Z	-0,450	0.000	Rela	From start	0,000
	SL - Servis yükü	GCS	Uniform		1.000	Length		0,000
LF2	PL222	Force	Z	-0,450	0.000	Rela	From start	0,000
	SL - Servis yükü	GCS	Uniform		1.000	Length		0,000
LF3	PL223	Force	Z	-0,450	0.000	Rela	From start	0,000
	SL - Servis yükü	GCS	Uniform		1.000	Length		0,000
LF4	PL224	Force	Z	-0,450	0.000	Rela	From start	0,000
	SL - Servis yükü	GCS	Uniform		1.000	Length		0,000
LF5	PL225	Force	Z	-0,450	0.000	Rela	From start	0,000
	SL - Servis yükü	GCS	Uniform		1.000	Length		0,000
LF6	PL226	Force	Z	-0,450	0.000	Rela	From start	0,000
	SL - Servis yükü	GCS	Uniform		1.000	Length		0,000
LF7	PL227	Force	Z	-0,450	0.000	Rela	From start	0,000
	SL - Servis yükü	GCS	Uniform		1.000	Length		0,000
LF8	PL228	Force	Z	-0,450	0.000	Rela	From start	0,000
	SL - Servis yükü	GCS	Uniform		1.000	Length		0,000
LF9	PL229	Force	Z	-0,450	0.000	Rela	From start	0,000
	SL - Servis yükü	GCS	Uniform		1.000	Length		0,000
LF10	PL230	Force	Z	-0,450	0.000	Rela	From start	0,000
	SL - Servis yükü	GCS	Uniform		1.000	Length		0,000
LF11	PL231	Force	Z	-0,450	0.000	Rela	From start	0,000
	SL - Servis yükü	GCS	Uniform		1.000	Length		0,000
LF12	PL232	Force	Z	-0,450	0.000	Rela	From start	0,000
	SL - Servis yükü	GCS	Uniform		1.000	Length		0,000
LF13	PL233	Force	Z	-0,450	0.000	Rela	From start	0,000
	SL - Servis yükü	GCS	Uniform		1.000	Length		0,000
LF14	PL234	Force	Z	-0,450	0.000	Rela	From start	0,000
	SL - Servis yükü	GCS	Uniform		1.000	Length		0,000
LF15	PL235	Force	Z	-0,450	0.000	Rela	From start	0,000
	SL - Servis yükü	GCS	Uniform		1.000	Length		0,000
LF16	PL236	Force	Z	-0,450	0.000	Rela	From start	0,000
	SL - Servis yükü	GCS	Uniform		1.000	Length		0,000
LF17	PL237	Force	Z	-0,450	0.000	Rela	From start	0,000
	SL - Servis yükü	GCS	Uniform		1.000	Length		0,000
LF18	PL238	Force	Z	-0,450	0.000	Rela	From start	0,000
	SL - Servis yükü	GCS	Uniform		1.000	Length		0,000
LF19	PL239	Force	Z	-0,450	0.000	Rela	From start	0,000
	SL - Servis yükü	GCS	Uniform		1.000	Length		0,000
LF20	PL240	Force	Z	-0,450	0.000	Rela	From start	0,000
	SL - Servis yükü	GCS	Uniform		1.000	Length		0,000
LF21	PL181	Force	Z	-0,450	0.000	Rela	From start	0,000
	SL - Servis yükü	GCS	Uniform		1.000	Length		0,000
LF22	PL182	Force	Z	-0,450	0.000	Rela	From start	0,000
	SL - Servis yükü	GCS	Uniform		1.000	Length		0,000
LF23	PL183	Force	Z	-0,450	0.000	Rela	From start	0,000
	SL - Servis yükü	GCS	Uniform		1.000	Length		0,000

Name	Member	Type	Dir	Value - P_1 [kN/m]	Pos x_1	Coor	Orig	Ecc ey
	Load case	System	Distribution	Value - P_2 [kN/m]	Pos x_2	Loc		Ecc ez
LF24	PL184	Force	Z	-0,450	0.000	Rela	From start	0,000
	SL - Servis yükü	GCS	Uniform		1.000	Length		0,000
LF25	PL185	Force	Z	-0,450	0.000	Rela	From start	0,000
	SL - Servis yükü	GCS	Uniform		1.000	Length		0,000
LF26	PL186	Force	Z	-0,450	0.000	Rela	From start	0,000
	SL - Servis yükü	GCS	Uniform		1.000	Length		0,000
LF27	PL187	Force	Z	-0,450	0.000	Rela	From start	0,000
	SL - Servis yükü	GCS	Uniform		1.000	Length		0,000
LF28	PL188	Force	Z	-0,450	0.000	Rela	From start	0,000
	SL - Servis yükü	GCS	Uniform		1.000	Length		0,000
LF29	PL189	Force	Z	-0,450	0.000	Rela	From start	0,000
	SL - Servis yükü	GCS	Uniform		1.000	Length		0,000
LF30	PL190	Force	Z	-0,450	0.000	Rela	From start	0,000
	SL - Servis yükü	GCS	Uniform		1.000	Length		0,000
LF31	PL191	Force	Z	-0,450	0.000	Rela	From start	0,000
	SL - Servis yükü	GCS	Uniform		1.000	Length		0,000
LF32	PL192	Force	Z	-0,450	0.000	Rela	From start	0,000
	SL - Servis yükü	GCS	Uniform		1.000	Length		0,000
LF33	PL193	Force	Z	-0,450	0.000	Rela	From start	0,000
	SL - Servis yükü	GCS	Uniform		1.000	Length		0,000
LF34	PL194	Force	Z	-0,450	0.000	Rela	From start	0,000
	SL - Servis yükü	GCS	Uniform		1.000	Length		0,000
LF35	PL195	Force	Z	-0,450	0.000	Rela	From start	0,000
	SL - Servis yükü	GCS	Uniform		1.000	Length		0,000
LF36	PL196	Force	Z	-0,450	0.000	Rela	From start	0,000
	SL - Servis yükü	GCS	Uniform		1.000	Length		0,000
LF37	PL197	Force	Z	-0,450	0.000	Rela	From start	0,000
	SL - Servis yükü	GCS	Uniform		1.000	Length		0,000
LF38	PL198	Force	Z	-0,450	0.000	Rela	From start	0,000
	SL - Servis yükü	GCS	Uniform		1.000	Length		0,000
LF39	PL199	Force	Z	-0,450	0.000	Rela	From start	0,000
	SL - Servis yükü	GCS	Uniform		1.000	Length		0,000
LF40	PL200	Force	Z	-0,450	0.000	Rela	From start	0,000
	SL - Servis yükü	GCS	Uniform		1.000	Length		0,000
LF41	PL201	Force	Z	-0,900	0.000	Rela	From start	0,000
	SL - Servis yükü	GCS	Uniform		1.000	Length		0,000
LF42	PL202	Force	Z	-0,900	0.000	Rela	From start	0,000
	SL - Servis yükü	GCS	Uniform		1.000	Length		0,000
LF43	PL203	Force	Z	-0,900	0.000	Rela	From start	0,000
	SL - Servis yükü	GCS	Uniform		1.000	Length		0,000
LF44	PL204	Force	Z	-0,900	0.000	Rela	From start	0,000
	SL - Servis yükü	GCS	Uniform		1.000	Length		0,000
LF45	PL205	Force	Z	-0,900	0.000	Rela	From start	0,000
	SL - Servis yükü	GCS	Uniform		1.000	Length		0,000
LF46	PL206	Force	Z	-0,900	0.000	Rela	From start	0,000
	SL - Servis yükü	GCS	Uniform		1.000	Length		0,000
LF47	PL207	Force	Z	-0,900	0.000	Rela	From start	0,000
	SL - Servis yükü	GCS	Uniform		1.000	Length		0,000
LF48	PL208	Force	Z	-0,900	0.000	Rela	From start	0,000
	SL - Servis yükü	GCS	Uniform		1.000	Length		0,000
LF49	PL209	Force	Z	-0,900	0.000	Rela	From start	0,000
	SL - Servis yükü	GCS	Uniform		1.000	Length		0,000
LF50	PL210	Force	Z	-0,900	0.000	Rela	From start	0,000
	SL - Servis yükü	GCS	Uniform		1.000	Length		0,000
LF51	PL211	Force	Z	-0,900	0.000	Rela	From start	0,000
	SL - Servis yükü	GCS	Uniform		1.000	Length		0,000
LF52	PL212	Force	Z	-0,900	0.000	Rela	From start	0,000
	SL - Servis yükü	GCS	Uniform		1.000	Length		0,000
LF53	PL213	Force	Z	-0,900	0.000	Rela	From start	0,000
	SL - Servis yükü	GCS	Uniform		1.000	Length		0,000
LF54	PL214	Force	Z	-0,900	0.000	Rela	From start	0,000
	SL - Servis yükü	GCS	Uniform		1.000	Length		0,000
LF55	PL215	Force	Z	-0,900	0.000	Rela	From start	0,000
	SL - Servis yükü	GCS	Uniform		1.000	Length		0,000
LF56	PL216	Force	Z	-0,900	0.000	Rela	From start	0,000
	SL - Servis yükü	GCS	Uniform		1.000	Length		0,000
LF57	PL217	Force	Z	-0,900	0.000	Rela	From start	0,000
	SL - Servis yükü	GCS	Uniform		1.000	Length		0,000
LF58	PL218	Force	Z	-0,900	0.000	Rela	From start	0,000
	SL - Servis yükü	GCS	Uniform		1.000	Length		0,000
LF59	PL219	Force	Z	-0,900	0.000	Rela	From start	0,000
	SL - Servis yükü	GCS	Uniform		1.000	Length		0,000
LF60	PL220	Force	Z	-0,900	0.000	Rela	From start	0,000
	SL - Servis yükü	GCS	Uniform		1.000	Length		0,000

Name	Member	Type	Dir	Value - P_1 [kN/m]	Pos x_1	Coor	Orig	Ecc ey
	Load case	System	Distribution	Value - P_2 [kN/m]	Pos x_2	Loc		Ecc ez
LF780	PL201	Force	Z	-0,450	0.000	Rela	From start	0,000
	SL1 - Servis yükü %50	GCS	Uniform		1.000	Length		0,000
LF781	PL202	Force	Z	-0,450	0.000	Rela	From start	0,000
	SL1 - Servis yükü %50	GCS	Uniform		1.000	Length		0,000
LF782	PL203	Force	Z	-0,450	0.000	Rela	From start	0,000
	SL1 - Servis yükü %50	GCS	Uniform		1.000	Length		0,000
LF783	PL204	Force	Z	-0,450	0.000	Rela	From start	0,000
	SL1 - Servis yükü %50	GCS	Uniform		1.000	Length		0,000
LF784	PL205	Force	Z	-0,450	0.000	Rela	From start	0,000
	SL1 - Servis yükü %50	GCS	Uniform		1.000	Length		0,000
LF785	PL206	Force	Z	-0,450	0.000	Rela	From start	0,000
	SL1 - Servis yükü %50	GCS	Uniform		1.000	Length		0,000
LF786	PL207	Force	Z	-0,450	0.000	Rela	From start	0,000
	SL1 - Servis yükü %50	GCS	Uniform		1.000	Length		0,000
LF787	PL208	Force	Z	-0,450	0.000	Rela	From start	0,000
	SL1 - Servis yükü %50	GCS	Uniform		1.000	Length		0,000
LF788	PL209	Force	Z	-0,450	0.000	Rela	From start	0,000
	SL1 - Servis yükü %50	GCS	Uniform		1.000	Length		0,000
LF789	PL210	Force	Z	-0,450	0.000	Rela	From start	0,000
	SL1 - Servis yükü %50	GCS	Uniform		1.000	Length		0,000
LF790	PL211	Force	Z	-0,450	0.000	Rela	From start	0,000
	SL1 - Servis yükü %50	GCS	Uniform		1.000	Length		0,000
LF791	PL212	Force	Z	-0,450	0.000	Rela	From start	0,000
	SL1 - Servis yükü %50	GCS	Uniform		1.000	Length		0,000
LF792	PL213	Force	Z	-0,450	0.000	Rela	From start	0,000
	SL1 - Servis yükü %50	GCS	Uniform		1.000	Length		0,000
LF793	PL214	Force	Z	-0,450	0.000	Rela	From start	0,000
	SL1 - Servis yükü %50	GCS	Uniform		1.000	Length		0,000
LF794	PL215	Force	Z	-0,450	0.000	Rela	From start	0,000
	SL1 - Servis yükü %50	GCS	Uniform		1.000	Length		0,000
LF795	PL216	Force	Z	-0,450	0.000	Rela	From start	0,000
	SL1 - Servis yükü %50	GCS	Uniform		1.000	Length		0,000
LF796	PL217	Force	Z	-0,450	0.000	Rela	From start	0,000
	SL1 - Servis yükü %50	GCS	Uniform		1.000	Length		0,000
LF797	PL218	Force	Z	-0,450	0.000	Rela	From start	0,000
	SL1 - Servis yükü %50	GCS	Uniform		1.000	Length		0,000
LF798	PL219	Force	Z	-0,450	0.000	Rela	From start	0,000
	SL1 - Servis yükü %50	GCS	Uniform		1.000	Length		0,000
LF799	PL220	Force	Z	-0,450	0.000	Rela	From start	0,000
	SL1 - Servis yükü %50	GCS	Uniform		1.000	Length		0,000
LF818	B12	Wind	Y	0,978	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	1,001	1.000	Length		0,000
LF819	B36	Wind	Y	0,978	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	1,001	1.000	Length		0,000
LF820	B60	Wind	Y	0,978	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	1,001	1.000	Length		0,000
LF821	B84	Wind	Y	0,978	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	1,001	1.000	Length		0,000
LF822	B108	Wind	Y	0,978	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	1,001	1.000	Length		0,000
LF823	B132	Wind	Y	0,978	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	1,001	1.000	Length		0,000
LF824	B156	Wind	Y	0,978	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	1,001	1.000	Length		0,000
LF825	B180	Wind	Y	0,978	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	1,001	1.000	Length		0,000
LF826	B468	Wind	Y	0,978	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	1,001	1.000	Length		0,000
LF827	B528	Wind	Y	0,978	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	1,001	1.000	Length		0,000
LF828	B588	Wind	Y	0,978	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	1,001	1.000	Length		0,000
LF829	B11	Wind	Y	0,956	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,978	1.000	Length		0,000
LF830	B35	Wind	Y	0,956	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,978	1.000	Length		0,000
LF831	B59	Wind	Y	0,956	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,978	1.000	Length		0,000
LF832	B83	Wind	Y	0,956	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,978	1.000	Length		0,000
LF833	B107	Wind	Y	0,956	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,978	1.000	Length		0,000
LF834	B131	Wind	Y	0,956	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,978	1.000	Length		0,000

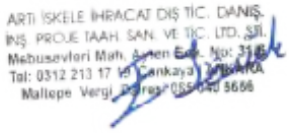
Name	Member	Type	Dir	Value - P_1 [kN/m]	Pos x_1	Coor	Orig	Ecc ey
	Load case	System	Distribution	Value - P_2 [kN/m]	Pos x_2	Loc		Ecc ez
LF835	B155	Wind	Y	0,956	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,978	1.000	Length		0,000
LF836	B179	Wind	Y	0,956	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,978	1.000	Length		0,000
LF837	B467	Wind	Y	0,956	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,978	1.000	Length		0,000
LF838	B527	Wind	Y	0,956	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,978	1.000	Length		0,000
LF839	B587	Wind	Y	0,956	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,978	1.000	Length		0,000
LF840	B10	Wind	Y	0,933	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,955	1.000	Length		0,000
LF841	B34	Wind	Y	0,933	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,955	1.000	Length		0,000
LF842	B58	Wind	Y	0,933	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,955	1.000	Length		0,000
LF843	B82	Wind	Y	0,933	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,955	1.000	Length		0,000
LF844	B106	Wind	Y	0,933	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,955	1.000	Length		0,000
LF845	B130	Wind	Y	0,933	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,955	1.000	Length		0,000
LF846	B154	Wind	Y	0,933	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,955	1.000	Length		0,000
LF847	B178	Wind	Y	0,933	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,955	1.000	Length		0,000
LF848	B466	Wind	Y	0,933	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,955	1.000	Length		0,000
LF849	B526	Wind	Y	0,933	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,955	1.000	Length		0,000
LF850	B586	Wind	Y	0,933	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,955	1.000	Length		0,000
LF851	B9	Wind	Y	0,910	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,933	1.000	Length		0,000
LF852	B33	Wind	Y	0,910	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,933	1.000	Length		0,000
LF853	B57	Wind	Y	0,910	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,933	1.000	Length		0,000
LF854	B81	Wind	Y	0,910	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,933	1.000	Length		0,000
LF855	B105	Wind	Y	0,910	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,933	1.000	Length		0,000
LF856	B129	Wind	Y	0,910	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,933	1.000	Length		0,000
LF857	B153	Wind	Y	0,910	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,933	1.000	Length		0,000
LF858	B177	Wind	Y	0,910	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,933	1.000	Length		0,000
LF859	B465	Wind	Y	0,910	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,933	1.000	Length		0,000
LF860	B525	Wind	Y	0,910	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,933	1.000	Length		0,000
LF861	B585	Wind	Y	0,910	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,933	1.000	Length		0,000
LF862	B8	Wind	Y	0,887	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,910	1.000	Length		0,000
LF863	B32	Wind	Y	0,887	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,910	1.000	Length		0,000
LF864	B56	Wind	Y	0,887	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,910	1.000	Length		0,000
LF865	B80	Wind	Y	0,887	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,910	1.000	Length		0,000
LF866	B104	Wind	Y	0,887	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,910	1.000	Length		0,000
LF867	B128	Wind	Y	0,887	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,910	1.000	Length		0,000
LF868	B152	Wind	Y	0,887	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,910	1.000	Length		0,000
LF869	B176	Wind	Y	0,887	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,910	1.000	Length		0,000
LF870	B464	Wind	Y	0,887	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,910	1.000	Length		0,000
LF871	B524	Wind	Y	0,887	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,910	1.000	Length		0,000

Name	Member	Type	Dir	Value - P_1 [kN/m]	Pos x_1	Coor	Orig	Ecc ey
	Load case	System	Distribution	Value - P_2 [kN/m]	Pos x_2	Loc		Ecc ez
LF872	B584	Wind	Y	0,887	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,910	1.000	Length		0,000
LF873	B7	Wind	Y	0,865	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,887	1.000	Length		0,000
LF874	B31	Wind	Y	0,865	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,887	1.000	Length		0,000
LF875	B55	Wind	Y	0,865	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,887	1.000	Length		0,000
LF876	B79	Wind	Y	0,865	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,887	1.000	Length		0,000
LF877	B103	Wind	Y	0,865	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,887	1.000	Length		0,000
LF878	B127	Wind	Y	0,865	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,887	1.000	Length		0,000
LF879	B151	Wind	Y	0,865	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,887	1.000	Length		0,000
LF880	B175	Wind	Y	0,865	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,887	1.000	Length		0,000
LF881	B463	Wind	Y	0,865	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,887	1.000	Length		0,000
LF882	B523	Wind	Y	0,865	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,887	1.000	Length		0,000
LF883	B583	Wind	Y	0,865	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,887	1.000	Length		0,000
LF884	B6	Wind	Y	0,842	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,864	1.000	Length		0,000
LF885	B30	Wind	Y	0,842	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,864	1.000	Length		0,000
LF886	B54	Wind	Y	0,842	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,864	1.000	Length		0,000
LF887	B78	Wind	Y	0,842	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,864	1.000	Length		0,000
LF888	B102	Wind	Y	0,842	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,864	1.000	Length		0,000
LF889	B126	Wind	Y	0,842	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,864	1.000	Length		0,000
LF890	B150	Wind	Y	0,842	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,864	1.000	Length		0,000
LF891	B174	Wind	Y	0,842	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,864	1.000	Length		0,000
LF892	B462	Wind	Y	0,842	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,864	1.000	Length		0,000
LF893	B522	Wind	Y	0,842	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,864	1.000	Length		0,000
LF894	B582	Wind	Y	0,842	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,864	1.000	Length		0,000
LF895	B5	Wind	Y	0,819	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,842	1.000	Length		0,000
LF896	B29	Wind	Y	0,819	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,842	1.000	Length		0,000
LF897	B53	Wind	Y	0,819	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,842	1.000	Length		0,000
LF898	B77	Wind	Y	0,819	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,842	1.000	Length		0,000
LF899	B101	Wind	Y	0,819	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,842	1.000	Length		0,000
LF900	B125	Wind	Y	0,819	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,842	1.000	Length		0,000
LF901	B149	Wind	Y	0,819	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,842	1.000	Length		0,000
LF902	B173	Wind	Y	0,819	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,842	1.000	Length		0,000
LF903	B461	Wind	Y	0,819	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,842	1.000	Length		0,000
LF904	B521	Wind	Y	0,819	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,842	1.000	Length		0,000
LF905	B581	Wind	Y	0,819	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,842	1.000	Length		0,000
LF906	B4	Wind	Y	0,796	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,819	1.000	Length		0,000
LF907	B28	Wind	Y	0,796	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,819	1.000	Length		0,000
LF908	B52	Wind	Y	0,796	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,819	1.000	Length		0,000

Name	Member	Type	Dir	Value - P_1 [kN/m]	Pos x_1	Coor	Orig	Ecc ey
	Load case	System	Distribution	Value - P_2 [kN/m]	Pos x_2	Loc		Ecc ez
LF909	B76	Wind	Y	0,796	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,819	1.000	Length		0,000
LF910	B100	Wind	Y	0,796	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,819	1.000	Length		0,000
LF911	B124	Wind	Y	0,796	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,819	1.000	Length		0,000
LF912	B148	Wind	Y	0,796	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,819	1.000	Length		0,000
LF913	B172	Wind	Y	0,796	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,819	1.000	Length		0,000
LF914	B460	Wind	Y	0,796	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,819	1.000	Length		0,000
LF915	B520	Wind	Y	0,796	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,819	1.000	Length		0,000
LF916	B580	Wind	Y	0,796	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,819	1.000	Length		0,000
LF917	B3	Wind	Y	0,774	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,796	1.000	Length		0,000
LF918	B27	Wind	Y	0,774	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,796	1.000	Length		0,000
LF919	B51	Wind	Y	0,774	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,796	1.000	Length		0,000
LF920	B75	Wind	Y	0,774	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,796	1.000	Length		0,000
LF921	B99	Wind	Y	0,774	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,796	1.000	Length		0,000
LF922	B123	Wind	Y	0,774	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,796	1.000	Length		0,000
LF923	B147	Wind	Y	0,774	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,796	1.000	Length		0,000
LF924	B171	Wind	Y	0,774	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,796	1.000	Length		0,000
LF925	B459	Wind	Y	0,774	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,796	1.000	Length		0,000
LF926	B519	Wind	Y	0,774	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,796	1.000	Length		0,000
LF927	B579	Wind	Y	0,774	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,796	1.000	Length		0,000
LF928	B2	Wind	Y	0,751	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,773	1.000	Length		0,000
LF929	B26	Wind	Y	0,751	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,773	1.000	Length		0,000
LF930	B50	Wind	Y	0,751	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,773	1.000	Length		0,000
LF931	B74	Wind	Y	0,751	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,773	1.000	Length		0,000
LF932	B98	Wind	Y	0,751	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,773	1.000	Length		0,000
LF933	B122	Wind	Y	0,751	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,773	1.000	Length		0,000
LF934	B146	Wind	Y	0,751	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,773	1.000	Length		0,000
LF935	B170	Wind	Y	0,751	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,773	1.000	Length		0,000
LF936	B458	Wind	Y	0,751	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,773	1.000	Length		0,000
LF937	B518	Wind	Y	0,751	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,773	1.000	Length		0,000
LF938	B578	Wind	Y	0,751	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,773	1.000	Length		0,000
LF939	B1	Wind	Y	0,728	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,751	1.000	Length		0,000
LF940	B25	Wind	Y	0,728	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,751	1.000	Length		0,000
LF941	B49	Wind	Y	0,728	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,751	1.000	Length		0,000
LF942	B73	Wind	Y	0,728	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,751	1.000	Length		0,000
LF943	B97	Wind	Y	0,728	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,751	1.000	Length		0,000
LF944	B121	Wind	Y	0,728	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,751	1.000	Length		0,000
LF945	B145	Wind	Y	0,728	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,751	1.000	Length		0,000

Name	Member	Type	Dir	Value - P_1 [kN/m]	Pos x_1	Coor	Orig	Ecc ey
	Load case	System	Distribution	Value - P_2 [kN/m]	Pos x_2	Loc		Ecc ez
LF946	B169	Wind	Y	0,728	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,751	1.000	Length		0,000
LF947	B457	Wind	Y	0,728	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,751	1.000	Length		0,000
LF948	B517	Wind	Y	0,728	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,751	1.000	Length		0,000
LF949	B577	Wind	Y	0,728	0.000	Rela	From start	0,000
	Wy - Rüzgar	GCS	Uniform	0,751	1.000	Length		0,000
LF950	B24	Wind	X	0,049	0.000	Rela	From start	0,000
	Wx - Rüzgar	GCS	Uniform	0,050	1.000	Length		0,000
LF951	B12	Wind	X	0,049	0.000	Rela	From start	0,000
	Wx - Rüzgar	GCS	Uniform	0,050	1.000	Length		0,000
LF952	B23	Wind	X	0,048	0.000	Rela	From start	0,000
	Wx - Rüzgar	GCS	Uniform	0,049	1.000	Length		0,000
LF953	B11	Wind	X	0,048	0.000	Rela	From start	0,000
	Wx - Rüzgar	GCS	Uniform	0,049	1.000	Length		0,000
LF954	B22	Wind	X	0,047	0.000	Rela	From start	0,000
	Wx - Rüzgar	GCS	Uniform	0,048	1.000	Length		0,000
LF955	B10	Wind	X	0,047	0.000	Rela	From start	0,000
	Wx - Rüzgar	GCS	Uniform	0,048	1.000	Length		0,000
LF956	B21	Wind	X	0,046	0.000	Rela	From start	0,000
	Wx - Rüzgar	GCS	Uniform	0,047	1.000	Length		0,000
LF957	B9	Wind	X	0,046	0.000	Rela	From start	0,000
	Wx - Rüzgar	GCS	Uniform	0,047	1.000	Length		0,000
LF958	B20	Wind	X	0,044	0.000	Rela	From start	0,000
	Wx - Rüzgar	GCS	Uniform	0,045	1.000	Length		0,000
LF959	B8	Wind	X	0,044	0.000	Rela	From start	0,000
	Wx - Rüzgar	GCS	Uniform	0,045	1.000	Length		0,000
LF960	B19	Wind	X	0,043	0.000	Rela	From start	0,000
	Wx - Rüzgar	GCS	Uniform	0,044	1.000	Length		0,000
LF961	B7	Wind	X	0,043	0.000	Rela	From start	0,000
	Wx - Rüzgar	GCS	Uniform	0,044	1.000	Length		0,000
LF962	B18	Wind	X	0,042	0.000	Rela	From start	0,000
	Wx - Rüzgar	GCS	Uniform	0,043	1.000	Length		0,000
LF963	B6	Wind	X	0,042	0.000	Rela	From start	0,000
	Wx - Rüzgar	GCS	Uniform	0,043	1.000	Length		0,000
LF964	B17	Wind	X	0,041	0.000	Rela	From start	0,000
	Wx - Rüzgar	GCS	Uniform	0,042	1.000	Length		0,000
LF965	B5	Wind	X	0,041	0.000	Rela	From start	0,000
	Wx - Rüzgar	GCS	Uniform	0,042	1.000	Length		0,000
LF966	B16	Wind	X	0,040	0.000	Rela	From start	0,000
	Wx - Rüzgar	GCS	Uniform	0,041	1.000	Length		0,000
LF967	B4	Wind	X	0,040	0.000	Rela	From start	0,000
	Wx - Rüzgar	GCS	Uniform	0,041	1.000	Length		0,000
LF968	B15	Wind	X	0,039	0.000	Rela	From start	0,000
	Wx - Rüzgar	GCS	Uniform	0,040	1.000	Length		0,000
LF969	B3	Wind	X	0,039	0.000	Rela	From start	0,000
	Wx - Rüzgar	GCS	Uniform	0,040	1.000	Length		0,000
LF970	B14	Wind	X	0,038	0.000	Rela	From start	0,000
	Wx - Rüzgar	GCS	Uniform	0,039	1.000	Length		0,000
LF971	B2	Wind	X	0,038	0.000	Rela	From start	0,000
	Wx - Rüzgar	GCS	Uniform	0,039	1.000	Length		0,000
LF972	B13	Wind	X	0,036	0.000	Rela	From start	0,000
	Wx - Rüzgar	GCS	Uniform	0,038	1.000	Length		0,000
LF973	B1	Wind	X	0,036	0.000	Rela	From start	0,000
	Wx - Rüzgar	GCS	Uniform	0,038	1.000	Length		0,000
LF974	B12	Force	Y	0,091	0.000	Rela	From start	0,000
	Wy_çalışma - Rüzgar	GCS	Uniform		1.000	Length		0,000
LF975	B11	Force	Y	0,091	0.000	Rela	From start	0,000
	Wy_çalışma - Rüzgar	GCS	Uniform		1.000	Length		0,000
LF976	B36	Force	Y	0,182	0.000	Rela	From start	0,000
	Wy_çalışma - Rüzgar	GCS	Uniform		1.000	Length		0,000
LF977	B35	Force	Y	0,182	0.000	Rela	From start	0,000
	Wy_çalışma - Rüzgar	GCS	Uniform		1.000	Length		0,000
LF978	B60	Force	Y	0,182	0.000	Rela	From start	0,000
	Wy_çalışma - Rüzgar	GCS	Uniform		1.000	Length		0,000
LF979	B59	Force	Y	0,182	0.000	Rela	From start	0,000
	Wy_çalışma - Rüzgar	GCS	Uniform		1.000	Length		0,000
LF980	B84	Force	Y	0,182	0.000	Rela	From start	0,000
	Wy_çalışma - Rüzgar	GCS	Uniform		1.000	Length		0,000
LF981	B83	Force	Y	0,182	0.000	Rela	From start	0,000
	Wy_çalışma - Rüzgar	GCS	Uniform		1.000	Length		0,000
LF982	B108	Force	Y	0,182	0.000	Rela	From start	0,000
	Wy_çalışma - Rüzgar	GCS	Uniform		1.000	Length		0,000

Name	Member	Type	Dir	Value - P_1 [kN/m]	Pos x_1	Coor	Orig	Ecc ey
	Load case	System	Distribution	Value - P_2 [kN/m]	Pos x_2	Loc		Ecc ez
LF983	B107	Force	Y	0,182	0.000	Rela	From start	0,000
	Wy_çalışma - Rüzgar	GCS	Uniform		1.000	Length		0,000
LF984	B132	Force	Y	0,182	0.000	Rela	From start	0,000
	Wy_çalışma - Rüzgar	GCS	Uniform		1.000	Length		0,000
LF985	B131	Force	Y	0,182	0.000	Rela	From start	0,000
	Wy_çalışma - Rüzgar	GCS	Uniform		1.000	Length		0,000
LF986	B156	Force	Y	0,182	0.000	Rela	From start	0,000
	Wy_çalışma - Rüzgar	GCS	Uniform		1.000	Length		0,000
LF987	B155	Force	Y	0,182	0.000	Rela	From start	0,000
	Wy_çalışma - Rüzgar	GCS	Uniform		1.000	Length		0,000
LF988	B180	Force	Y	0,182	0.000	Rela	From start	0,000
	Wy_çalışma - Rüzgar	GCS	Uniform		1.000	Length		0,000
LF989	B179	Force	Y	0,182	0.000	Rela	From start	0,000
	Wy_çalışma - Rüzgar	GCS	Uniform		1.000	Length		0,000
LF990	B468	Force	Y	0,182	0.000	Rela	From start	0,000
	Wy_çalışma - Rüzgar	GCS	Uniform		1.000	Length		0,000
LF991	B467	Force	Y	0,182	0.000	Rela	From start	0,000
	Wy_çalışma - Rüzgar	GCS	Uniform		1.000	Length		0,000
LF992	B528	Force	Y	0,182	0.000	Rela	From start	0,000
	Wy_çalışma - Rüzgar	GCS	Uniform		1.000	Length		0,000
LF993	B527	Force	Y	0,182	0.000	Rela	From start	0,000
	Wy_çalışma - Rüzgar	GCS	Uniform		1.000	Length		0,000
LF994	B588	Force	Y	0,091	0.000	Rela	From start	0,000
	Wy_çalışma - Rüzgar	GCS	Uniform		1.000	Length		0,000
LF995	B587	Force	Y	0,091	0.000	Rela	From start	0,000
	Wy_çalışma - Rüzgar	GCS	Uniform		1.000	Length		0,000
LF996	B24	Force	X	0,002	0.000	Rela	From start	0,000
	Wx_Çalışma - Rüzgar	GCS	Uniform		1.000	Length		0,000
LF997	B12	Force	X	0,002	0.000	Rela	From start	0,000
	Wx_Çalışma - Rüzgar	GCS	Uniform		1.000	Length		0,000
LF998	B23	Force	X	0,002	0.000	Rela	From start	0,000
	Wx_Çalışma - Rüzgar	GCS	Uniform		1.000	Length		0,000
LF999	B11	Force	X	0,002	0.000	Rela	From start	0,000
	Wx_Çalışma - Rüzgar	GCS	Uniform		1.000	Length		0,000



15. ANALİZ

Combination key

Name	Description of combinations
1	SW*1,35 +SL*1,50 +Wy_çalışma*0,90
2	SW*1,35 +SL*1,50
3	SW*1,35 +SL*1,50 +Wx_Çalışma*0,90
4	SW*1,00 +SL*1,00
5	SW*1,00 +SL*1,00 +Wx_Çalışma*1,00
6	SW*1,00 +Wy*1,00 +SL1*1,00
7	SW*1,00 +SL*1,00 +Wy_çalışma*1,00
8	SW*1,35 +Wy*1,50 +SL1*1,05

15.1. Elemanlardaki iç kuvvetler

Linear calculation, Extreme : Global, System : Principal
Selection : All
Class : ULS1

Member	css	dx [mm]	Case	N [kN]	Vy [kN]	Vz [kN]	Mx [kNm]	My [kNm]	Mz [kNm]
C34	DİKME - CFCHS48.3X3	0,000	CO4/1	**-15,637**	-0,001	0,000	0,000	0,000	0,000
B215	ALT_PROFIL - RHS	200,001	CO3/2	**2,557**	-0,009	-0,014	-0,001	0,198	0,001
B72	DİKME - CFCHS48.3X3	0,000	CO4/1	-1,837	**-2,536**	-0,008	0,001	0,000	0,203
B468	DİKME - CFCHS48.3X3	110,000	CO4/1	-2,619	**2,516**	0,080	-0,003	0,010	-0,019
B263	ALT_PROFIL - RHS	700,000	CO4/1	2,378	0,001	**-3,690**	0,000	**-0,515**	0,000
B551	ALT_PROFIL - RHS	0,000	CO5/3	2,489	0,004	**3,600**	0,000	-0,480	-0,004
B527	DİKME - CFCHS48.3X3	110,001	CO5/3	-5,646	0,009	0,691	**-0,028**	-0,014	0,014
B35	DİKME - CFCHS48.3X3	110,001	CO3/2	-5,668	0,009	-0,679	**0,027**	0,015	0,013
PL201	Platform - General cross-section	1249,990	CO3/2	-0,007	0,030	0,000	0,000	**1,128**	0,027
B132	DİKME - CFCHS48.3X3	0,000	CO4/1	-2,672	2,457	0,014	0,001	-0,001	**-0,302**
B72	DİKME - CFCHS48.3X3	0,000	CO5/3	-2,124	-2,517	-0,005	0,001	0,000	**0,263**

15.2. Deplasmanlar - SLS

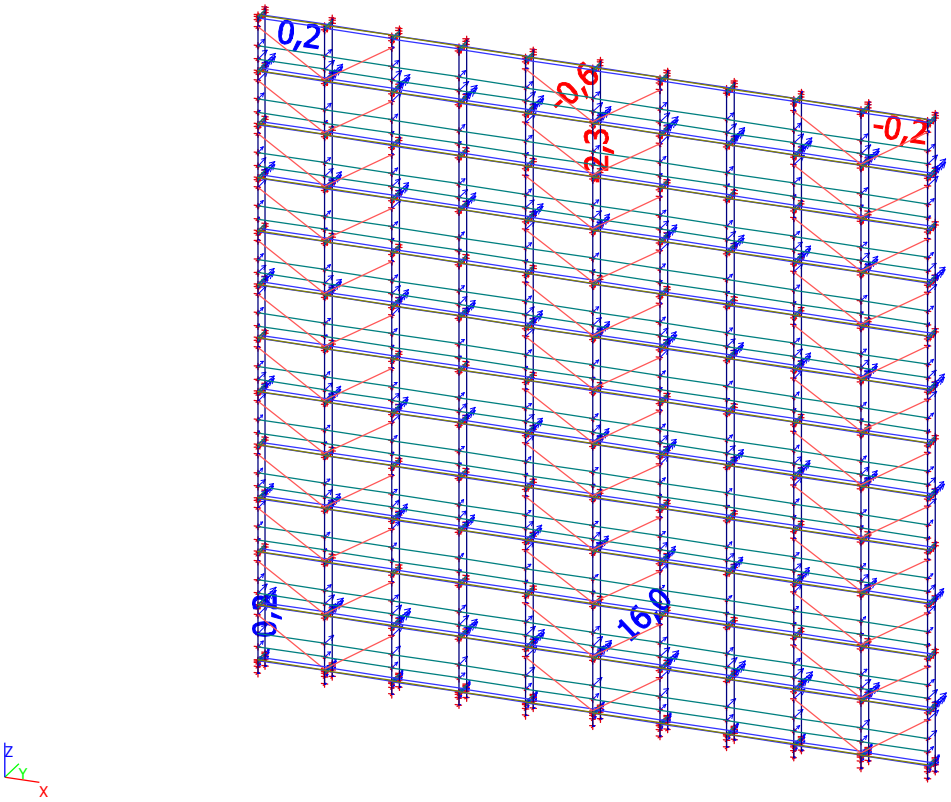
Linear calculation, Extreme : Global
Selection : All
Class : All SLS

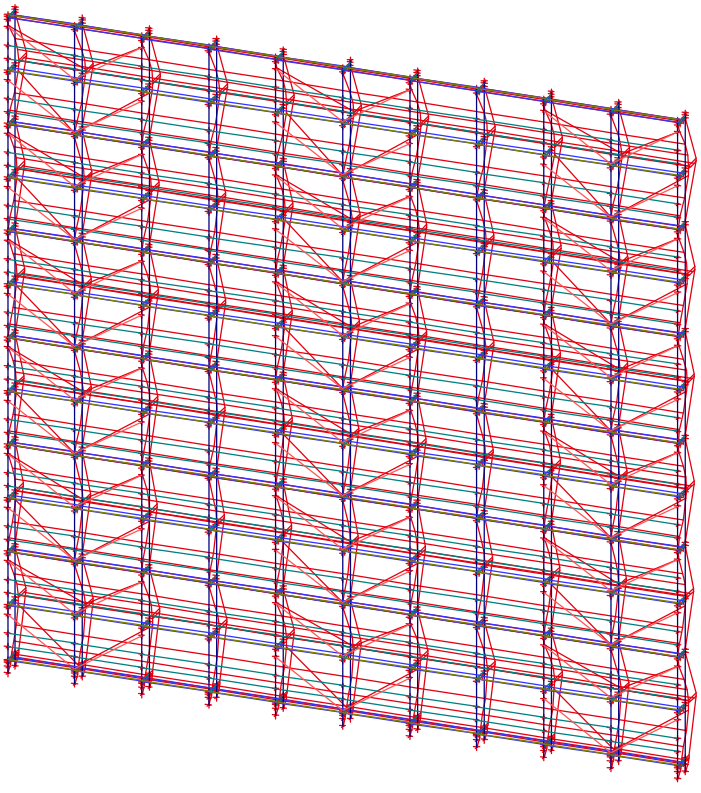
Node	Case	Ux [mm]	Uy [mm]	Uz [mm]
N1586	CO13/4	**-0,2**	0,0	-1,2
N1525	CO15/5	**0,2**	0,0	-1,2
N1289	CO12/6	0,0	**-0,6**	-1,3
N739	CO12/6	0,0	**14,8**	-1,1
N1244	CO14/7	0,0	3,2	**-2,3**
N1345	CO12/6	0,0	4,1	**0,1**

15.3. Deplasmanlar NC-SLS

Nonlinear calculation, Extreme : Global
Selection : All
Class : NC SLS

Node	Case	Ux [mm]	Uy [mm]	Uz [mm]
N1586	NC13	**-0,2**	0,0	-1,2
N1525	NC15	**0,2**	0,0	-1,2
N1289	NC12	0,0	**-0,6**	-1,3
N1024	NC12	0,0	**16,0**	-0,2
N1244	NC14	0,0	3,4	**-2,3**
N1345	NC12	0,0	4,4	**0,2**





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16. ÇELİK ELEMANLARIN TASARIMI

Nonlinear calculation, Extreme : Global
Selection : All
Class : NC ULS
Cross-section : DİKME - CFCHS48.3X3

Member B131	**2,000 m**	**CFCHS48.3X3**	**S 235**	**NC8**	**0,96 -**

Partial safety factors	
Gamma M0 for resistance of cross-sections	1,00
Gamma M1 for resistance to instability	1,00
Gamma M2 for resistance of net sections	1,25

Material		
Yield strength fy	235,0	MPa
Ultimate strength fu	360,0	MPa
Fabrication	Rolled	

...::SECTION CHECK::...

The critical check is on position 0.110 m

Internal forces	Calculated	Unit
N,Ed	-4,510	kN
Vy,Ed	-2,224	kN
Vz,Ed	-0,007	kN
T,Ed	0,000	kNm
My,Ed	0,000	kNm
Mz,Ed	1,277	kNm

Scaffolding check for tubular members
According to EN 12811-1 & DIN 4420 Teil 1 art. 5.4.7.4 and table 7

Table of values		
Npl.d	100,345	kN
Vpl.d	36,882	kN
Mpl.d	1,337	kNm
Unity check N	0,04	
Unity check V	0,07	
Unity check M	0,96	
Unity check Interaction	0,96	
Unity check Max	0,96	-

The member satisfies the section check.

Nonlinear calculation, Extreme : Global
Selection : All
Class : NC ULS
Cross-section : YATAY - CHS (34,0; 2,5)

Member B1068	**2,500 m**	**CHS (34,0; 2,5)**	**S 235**	**NC5**	**0,04 -**

Partial safety factors	
Gamma M0 for resistance of cross-sections	1,00
Gamma M1 for resistance to instability	1,00
Gamma M2 for resistance of net sections	1,25

Material		
Yield strength fy	235,0	MPa
Ultimate strength fu	360,0	MPa
Fabrication	Rolled	

...::SECTION CHECK::...

The critical check is on position 1.250 m

Internal forces	Calculated	Unit
N,Ed	-0,261	kN
Vy,Ed	0,000	kN
Vz,Ed	0,000	kN
T,Ed	0,000	kNm
My,Ed	0,021	kNm
Mz,Ed	0,000	kNm

Scaffolding check for tubular members
According to EN 12811-1 & DIN 4420 Teil 1 art. 5.4.7.4 and table 7

Table of values		
Npl.d	58,139	kN
Vpl.d	21,369	kN
Mpl.d	0,534	kNm
Unity check N	0,00	
Unity check V	0,00	
Unity check M	0,04	
Unity check Interaction	0,04	
Unity check Max	0,04	-

The member satisfies the section check.

Nonlinear calculation, Extreme : Global
Selection : All
Class : NC ULS
Cross-section : DIYAGONAL - CHS (38,0; 2,5)

Member CP117	**2,957 m**	**CHS (38,0; 2,5)**	**S 235**	**NC8**	**0,12 -**

Partial safety factors	
Gamma M0 for resistance of cross-sections	1,00
Gamma M1 for resistance to instability	1,00
Gamma M2 for resistance of net sections	1,25

Material		
Yield strength fy	235,0	MPa
Ultimate strength fu	360,0	MPa
Fabrication	Rolled	

...::SECTION CHECK::...

The critical check is on position 0.000 m

Internal forces	Calculated	Unit
N,Ed	0,374	kN
Vy,Ed	0,055	kN
Vz,Ed	0,035	kN
T,Ed	0,000	kNm
My,Ed	0,000	kNm
Mz,Ed	-0,081	kNm

Scaffolding check for tubular members
According to EN 12811-1 & DIN 4420 Teil 1 art. 5.4.7.4 and table 7

Table of values		
Npl.d	65,522	kN
Vpl.d	24,083	kN
Mpl.d	0,682	kNm
Unity check N	0,01	
Unity check V	0,00	
Unity check M	0,12	
Unity check Interaction	0,12	
Unity check Max	0,12	-

The member satisfies the section check.

Nonlinear calculation, Extreme : Global
Selection : All
Class : NC ULS
Cross-section : ÜST_PROFIL - RHS (40,0; 50,0; 2,0; 0,1; 0,1)

Member B763	**0,700 m**	**RHS (40,0; 50,0; 2,0; 0,1; 0,1)**	**S 235**	**NC8**	**0,64 -**

Partial safety factors	
Gamma M0 for resistance of cross-sections	1,00
Gamma M1 for resistance to instability	1,00
Gamma M2 for resistance of net sections	1,25

Material		
Yield strength fy	235,0	MPa
Ultimate strength fu	360,0	MPa
Fabrication	Rolled	

...::SECTION CHECK::...

Classification for cross-section design
According to EN 1993-1-1 article 5.5.2
Classification of Internal Compression parts
According to EN 1993-1-1 Table 5.2 Sheet 1

Maximum width-to-thickness ratio	22,00
Class 1 Limit	33,00
Class 2 Limit	38,00
Class 3 Limit	42,00

=> Section classified as Class 1 for cross-section design

The critical check is on position 0.000 m

Internal forces	Calculated	Unit
N,Ed	-1,492	kN
Vy,Ed	0,000	kN
Vz,Ed	-2,028	kN
T,Ed	0,000	kNm
My,Ed	0,738	kNm
Mz,Ed	0,000	kNm

Compression check
According to EN 1993-1-1 article 6.2.4 and formula (6.9)

A	3,4400e-04	m^2
Nc,Rd	80,840	kN
Unity check	0,02	-

Bending moment check for My
According to EN 1993-1-1 article 6.2.5 and formula (6.12),(6.13)

Wpl,y	5,0960e-06	m^3
Mpl,y,Rd	1,198	kNm
Unity check	0,62	-

Bending moment check for Mz
According to EN 1993-1-1 article 6.2.5 and formula (6.12),(6.13)

Wpl,z	5,9560e-06	m^3
Mpl,z,Rd	1,400	kNm
Unity check	0,00	-

Shear check for Vy
According to EN 1993-1-1 article 6.2.6 and formula (6.17)

Eta	1,20	
Av	1,9111e-04	m^2
Vpl,y,Rd	25,929	kN
Unity check	0,00	-

Shear check for Vz
According to EN 1993-1-1 article 6.2.6 and formula (6.17)

Eta	1,20	
Av	1,5289e-04	m^2
Vpl,z,Rd	20,744	kN
Unity check	0,10	-

Torsion check
According to EN 1993-1-1 article 6.2.7 and formula (6.23)

Tau,t,Ed	0,0	MPa
Tau,Rd	135,7	MPa
Unity check	0,00	-

Note: The unity check for torsion is lower than the limit value of 0,05. Therefore torsion is considered as insignificant and is ignored in the combined checks.

Combined bending, axial force and shear force check
According to EN 1993-1-1 article 6.2.9.1 and formula (6.41)

MN,y,Rd	1,198	kNm
Alpha	1,66	
MN,z,Rd	1,400	kNm
Beta	1,66	

Unity check (6.41) = 0,45 + 0,00 = 0,45 -

Note: Since the shear forces are less than half the plastic shear resistances their effect on the moment resistances is neglected.

The member satisfies the section check.

...::STABILITY CHECK::...
Classification for member buckling design
Decisive position for stability classification: 0,000 m
Classification of Internal Compression parts
According to EN 1993-1-1 Table 5.2 Sheet 1

Maximum width-to-thickness ratio	22,00
Class 1 Limit	33,00
Class 2 Limit	38,00
Class 3 Limit	42,00

=> Section classified as Class 1 for member buckling design

Flexural Buckling check
According to EN 1993-1-1 article 6.3.1.1 and formula (6.46)

Buckling parameters	yy	zz	
Sway type	non-sway	sway	
System length L	0,700	0,700	m
Buckling factor k	0,63	2,43	
Buckling length Lcr	0,440	1,704	m
Critical Euler load Ncr	939,086	88,983	kN
Slenderness Lambda	27,55	89,51	
Relative slenderness Lambda,rel	0,29	0,95	
Limit slenderness Lambda,rel,0	0,20	0,20	

Note: The slenderness or compression force is such that Flexural Buckling effects may be ignored according to EN 1993-1-1 article 6.3.1.2(4).

Torsional(-Flexural) Buckling check
According to EN 1993-1-1 article 6.3.1.1 and formula (6.46)
Note: The cross-section concerns a RHS section which is not susceptible to Torsional(-Flexural) Buckling.

Lateral Torsional Buckling check
According to EN 1993-1-1 article 6.3.2.1
Note: The cross-section concerns an RHS section with 'h / b < 10 / Lambda,rel,z'.
This section is thus not susceptible to Lateral Torsional Buckling.

Bending and axial compression check
According to EN 1993-1-1 article 6.3.3 and formula (6.61),(6.62)

Bending and axial compression check parameters		
Interaction method	alternative method 1	
Cross-section area A	3,4400e-04	m^2
Cross-section plastic modulus Wpl,y	5,0960e-06	m^3
Cross-section plastic modulus Wpl,z	5,9560e-06	m^3
Design compression force N,Ed	1,492	kN
Design bending moment (maximum) My,Ed	0,738	kNm
Design bending moment (maximum) Mz,Ed	0,000	kNm
Characteristic compression resistance N,Rk	80,840	kN
Characteristic moment resistance My,Rk	1,198	kNm
Characteristic moment resistance Mz,Rk	1,400	kNm
Reduction factor Chi,y	1,00	
Reduction factor Chi,z	1,00	
Reduction factor Chi,LT	1,00	
Interaction factor k,yy	1,00	
Interaction factor k,yz	0,63	
Interaction factor k,zy	0,60	
Interaction factor k,zz	1,02	

Maximum moment My,Ed is derived from beam B763 position 0,000 m.
Maximum moment Mz,Ed is derived from beam B763 position 0,000 m.

Interaction method 1 parameters		
Critical Euler load N,cr,y	939,086	kN
Critical Euler load N,cr,z	88,983	kN
Elastic critical load N,cr,T	20500,555	kN
Cross-section plastic modulus Wpl,y	5,0960e-06	m^3
Cross-section elastic modulus Wel,y	4,3909e-06	m^3
Cross-section plastic modulus Wpl,z	5,9560e-06	m^3

Interaction method 1 parameters		
Cross-section elastic modulus Wel,z	4,9863e-06	m^3
Second moment of area Iy	8,7818e-08	m^4
Second moment of area Iz	1,2466e-07	m^4
Torsional constant It	1,5520e-07	m^4
Method for equivalent moment factor C,my,0	Table A.2 Line 2 (General)	
Design bending moment (maximum) My,Ed	0,738	kNm
Maximum relative deflection delta,z	-0,3	mm
Equivalent moment factor C,my,0	1,00	
Method for equivalent moment factor C,mz,0	Table A.2 Line 4 (Line load)	
Equivalent moment factor C,mz,0	1,00	
Factor mu,y	1,00	
Factor mu,z	1,00	
Factor epsilon,y	38,77	
Factor a,LT	0,00	
Critical moment for uniform bending Mcr,0	81,711	kNm
Relative slenderness Lambda,rel,0	0,12	
Limit relative slenderness Lambda,rel,0,lim	0,32	
Equivalent moment factor C,my	1,00	
Equivalent moment factor C,mz	1,00	
Equivalent moment factor C,mLT	1,00	
Factor b,LT	0,00	
Factor c,LT	0,00	
Factor d,LT	0,00	
Factor e,LT	0,00	
Factor w,y	1,16	
Factor w,z	1,19	
Factor n,pl	0,02	
Maximum relative slenderness Lambda,rel,max	0,95	
Factor C,yy	1,00	
Factor C,yz	0,99	
Factor C,zy	0,99	
Factor C,zz	1,00	

Unity check (6.61) = 0,02 + 0,62 + 0,00 = 0,64 -
Unity check (6.62) = 0,02 + 0,37 + 0,00 = 0,39 -

The member satisfies the stability check.

Nonlinear calculation, Extreme : Global
Selection : All
Class : NC ULS
Cross-section : Platform - General cross-section

EN 1993-1-1 Code Check
National annex: Standard EN

Member PL220	**2,500 m**	**General cross-section**	**S 235**	**NC4**	**0,36 -**

Partial safety factors	
Gamma M0 for resistance of cross-sections	1,00
Gamma M1 for resistance to instability	1,00
Gamma M2 for resistance of net sections	1,25

Material		
Yield strength fy	235,0	MPa
Ultimate strength fu	360,0	MPa
Fabrication	Rolled	

Warning: Strength reduction in function of the thickness is not supported for this type of cross-section.

...::SECTION CHECK::...

Classification for cross-section design
According to EN 1993-1-1 article 5.5.2
Warning: Classification is not supported for this type of cross-section.
The section is checked as elastic, class 3.

The critical check is on position 1.250 m

Axis definition :
- principal y- axis in this code check is referring to the principal z axis in Scia Engineer
- principal z- axis in this code check is referring to the principal y axis in Scia Engineer

Internal forces	Calculated	Unit
N,Ed	-0,227	kN
Vy,Ed	0,000	kN
Vz,Ed	0,055	kN
T,Ed	0,000	kNm
My,Ed	-0,099	kNm
Mz,Ed	-1,129	kNm

Compression check
According to EN 1993-1-1 article 6.2.4 and formula (6.9)

A	9,0086e-04	m^2
Nc,Rd	211,701	kN
Unity check	0,00	-

Bending moment check for My
According to EN 1993-1-1 article 6.2.5 and formula (6.12),(6.14)

Wel,y,min	8,5247e-05	m^3
Mel,y,Rd	20,033	kNm
Unity check	0,00	-

Bending moment check for Mz
According to EN 1993-1-1 article 6.2.5 and formula (6.12),(6.14)

Wel,z,min	1,3797e-05	m^3
Mel,z,Rd	3,242	kNm
Unity check	0,35	-

Shear check for Vy
According to EN 1993-1-1 article 6.2.6 and formula (6.19)

Tau,Vy,Ed	0,0	MPa
Tau,Rd	135,7	MPa
Unity check	0,00	-

Note: No shear area is given for this section/fabrication, therefore the plastic shear resistance cannot be determined. As a result the elastic shear resistance according to EN 1993-1-1 article 6.2.6(4) is verified.
Shear check for Vz
According to EN 1993-1-1 article 6.2.6 and formula (6.19)

Tau,Vz,Ed	0,1	MPa
Tau,Rd	135,7	MPa
Unity check	0,00	-

Note: No shear area is given for this section/fabrication, therefore the plastic shear resistance cannot be determined. As a result the elastic shear resistance according to EN 1993-1-1 article 6.2.6(4) is verified.

Torsion check
According to EN 1993-1-1 article 6.2.7 and formula (6.23)

Tau,t,Ed	1,2	MPa

Tau,Rd	135,7	MPa
Unity check	0,01	-

Note: The unity check for torsion is lower than the limit value of 0,05. Therefore torsion is considered as insignificant and is ignored in the combined checks.

Combined bending, axial force and shear force check
According to EN 1993-1-1 article 6.2.1(5) and formula (6.1)

Elastic verification		
Fibre	3	
Sigma,N,Ed	0,3	MPa
Sigma,My,Ed	1,0	MPa
Sigma,Mz,Ed	81,8	MPa
Sigma,tot,Ed	83,0	MPa
Tau,Vy,Ed	0,0	MPa
Tau,Vz,Ed	0,0	MPa
Tau,t,Ed	0,9	MPa
Tau,tot,Ed	1,0	MPa
Sigma,von Mises,Ed	83,0	MPa
Unity check	0,35	-

The member satisfies the section check.

...::STABILITY CHECK::...

Flexural Buckling check
According to EN 1993-1-1 article 6.3.1.1 and formula (6.46)

Buckling parameters	yy	zz	
Sway type	sway	non-sway	
System length L	2,500	2,500	m
Buckling factor k	3,66	1,00	
Buckling length Lcr	9,153	2,500	m
Critical Euler load Ncr	337,220	287,197	kN
Slenderness Lambda	74,41	80,63	
Relative slenderness Lambda,rel	0,79	0,86	
Limit slenderness Lambda,rel,0	0,20	0,20	

Note: The slenderness or compression force is such that Flexural Buckling effects may be ignored according to EN 1993-1-1 article 6.3.1.2(4).

Torsional(-Flexural) Buckling check
According to EN 1993-1-1 article 6.3.1.1 and formula (6.46)

Torsional buckling length Lcr	2,500	m
Elastic critical load Ncr,T	327,812	kN
Elastic critical load Ncr,TF	238,237	kN
Relative slenderness Lambda,rel,T	0,94	
Limit slenderness Lambda,rel,0	0,20	

Note: The slenderness or compression force is such that Torsional(-Flexural) Buckling effects may be ignored according to EN 1993-1-1 article 6.3.1.2(4).

Lateral Torsional Buckling check
According to EN 1993-1-1 article 6.3.2.1 & 6.3.2.2 and formula (6.54)

LTB parameters		
Method for LTB curve	General case	
Cross-section elastic modulus Wel,y	8,5247e-05	m^3
Elastic critical moment Mcr	67,901	kNm
Relative slenderness Lambda,rel,LT	0,54	
Limit slenderness Lambda,rel,LT,0	0,20	

Note: The slenderness or bending moment is such that Lateral Torsional Buckling effects may be ignored according to EN 1993-1-1 article 6.3.2.2(4).

Mcr parameters		
LTB length L	2,500	m
Influence of load position	no influence	
Correction factor k	1,00	
Correction factor kw	1,00	
LTB moment factor C1	1,60	
LTB moment factor C2	0,00	
LTB moment factor C3	1,00	
Shear center distance d,z	0,0	mm
Distance of load application z,g	0,0	mm
Mono-symmetry constant beta,y	0,0	mm
Mono-symmetry constant z,j	0,0	mm

Note: C parameters are determined according to ECCS 119 2006 / Galea 2002.

Bending and axial compression check
According to EN 1993-1-1 article 6.3.3 and formula (6.61),(6.62)

Bending and axial compression check parameters		
Interaction method	alternative method 1	
Cross-section area A	9,0086e-04	m^2
Cross-section elastic modulus Wel,y	8,5247e-05	m^3
Cross-section elastic modulus Wel,z	1,3797e-05	m^3
Design compression force N,Ed	0,227	kN
Design bending moment (maximum) My,Ed	-0,170	kNm
Design bending moment (maximum) Mz,Ed	-1,129	kNm
Characteristic compression resistance N,Rk	211,701	kN
Characteristic moment resistance My,Rk	20,033	kNm
Characteristic moment resistance Mz,Rk	3,242	kNm
Reduction factor Chi,y	1,00	
Reduction factor Chi,z	1,00	
Reduction factor Chi,LT	1,00	
Interaction factor k,yy	1,00	
Interaction factor k,yz	1,00	
Interaction factor k,zy	1,00	
Interaction factor k,zz	1,00	

Maximum moment My,Ed is derived from beam PL220 position 0,000 m.
Maximum moment Mz,Ed is derived from beam PL220 position 1,250 m.

Interaction method 1 parameters		
Critical Euler load N,cr,y	337,220	kN
Critical Euler load N,cr,z	287,197	kN
Elastic critical load N,cr,T	327,812	kN
Cross-section elastic modulus Wel,y	8,5247e-05	m^3
Second moment of area Iy	1,3629e-05	m^4
Second moment of area Iz	8,6600e-07	m^4
Torsional constant It	6,4080e-10	m^4
Method for equivalent moment factor C,my,0	Table A.2 Line 2 (General)	
Design bending moment (maximum) My,Ed	-0,170	kNm
Maximum relative deflection delta,z	0,0	mm
Equivalent moment factor C,my,0	1,00	
Method for equivalent moment factor C,mz,0	Table A.2 Line 4 (Line load)	
Equivalent moment factor C,mz,0	1,00	
Factor mu,y	1,00	
Factor mu,z	1,00	
Factor epsilon,y	7,90	
Factor a,LT	1,00	
Critical moment for uniform bending Mcr,0	42,372	kNm
Relative slenderness Lambda,rel,0	0,69	
Limit relative slenderness Lambda,rel,0,lim	0,25	
Equivalent moment factor C,my	1,00	
Equivalent moment factor C,mz	1,00	
Equivalent moment factor C,mLT	1,00	

Unity check (6.61) = 0,00 + 0,01 + 0,35 = 0,36 -
Unity check (6.62) = 0,00 + 0,01 + 0,35 = 0,36 -

The member satisfies the stability check.

Linear calculation, Extreme : Global
Selection : All
Class : ULS2
Cross-section : ALT_PROFIL - RHS (40,0; 20,0; 2,0; 0,1; 0,1)

EN 1993-1-1 Code Check
National annex: Standard EN

Member B228	**0,700 m**	**RHS (40,0; 20,0; 2,0; 0,1; 0,1)**	**S 235**	**CO8/8**	**0,67 -**

Partial safety factors	
Gamma M0 for resistance of cross-sections	1,00
Gamma M1 for resistance to instability	1,00
Gamma M2 for resistance of net sections	1,25

Material		
Yield strength fy	235,0	MPa
Ultimate strength fu	360,0	MPa
Fabrication	Rolled	

...::SECTION CHECK::...

Classification for cross-section design
According to EN 1993-1-1 article 5.5.2
Classification of Internal Compression parts
According to EN 1993-1-1 Table 5.2 Sheet 1

Maximum width-to-thickness ratio	17,00
Class 1 Limit	65,71
Class 2 Limit	75,66
Class 3 Limit	107,84

=> Section classified as Class 1 for cross-section design

The critical check is on position 0.100 m

Internal forces	Calculated	Unit
N,Ed	-2,193	kN
Vy,Ed	-0,154	kN
Vz,Ed	1,298	kN
T,Ed	0,005	kNm
My,Ed	-0,276	kNm
Mz,Ed	-0,002	kNm

Compression check
According to EN 1993-1-1 article 6.2.4 and formula (6.9)

A	2,2400e-04	m^2
Nc,Rd	52,640	kN
Unity check	0,04	-

Bending moment check for My
According to EN 1993-1-1 article 6.2.5 and formula (6.12),(6.13)

Wpl,y	2,8160e-06	m^3
Mpl,y,Rd	0,662	kNm
Unity check	0,42	-

Bending moment check for Mz
According to EN 1993-1-1 article 6.2.5 and formula (6.12),(6.13)

Wpl,z	1,6960e-06	m^3
Mpl,z,Rd	0,399	kNm
Unity check	0,00	-

Shear check for Vy
According to EN 1993-1-1 article 6.2.6 and formula (6.17)

Eta	1,20	
Av	7,4667e-05	m^2
Vpl,y,Rd	10,131	kN
Unity check	0,02	-

Shear check for Vz
According to EN 1993-1-1 article 6.2.6 and formula (6.17)

Eta	1,20	
Av	1,4933e-04	m^2
Vpl,z,Rd	20,261	kN
Unity check	0,06	-

Torsion check
According to EN 1993-1-1 article 6.2.7 and formula (6.23)

Tau,t,Ed	1,9	MPa
Tau,Rd	135,7	MPa
Unity check	0,01	-

Note: The unity check for torsion is lower than the limit value of 0,05. Therefore torsion is considered as insignificant and is ignored in the combined checks.

Combined bending, axial force and shear force check
According to EN 1993-1-1 article 6.2.9.1 and formula (6.41)

MN,y,Rd	0,662	kNm
Alpha	1,66	
MN,z,Rd	0,399	kNm
Beta	1,66	

Unity check (6.41) = 0,23 + 0,00 = 0,23 -

Note: Since the shear forces are less than half the plastic shear resistances their effect on the moment resistances is neglected.

The member satisfies the section check.

...::STABILITY CHECK::...
Classification for member buckling design
Decisive position for stability classification: 0,000 m
Classification of Internal Compression parts
According to EN 1993-1-1 Table 5.2 Sheet 1

Maximum width-to-thickness ratio	17,00
Class 1 Limit	62,80
Class 2 Limit	72,32
Class 3 Limit	101,75

=> Section classified as Class 1 for member buckling design

Flexural Buckling check
According to EN 1993-1-1 article 6.3.1.1 and formula (6.46)

Buckling parameters	yy	zz	
Sway type	non-sway	sway	
System length L	0,700	0,200	m
Buckling factor k	0,64	1,49	
Buckling length Lcr	0,445	0,297	m
Critical Euler load Ncr	466,103	337,140	kN
Slenderness Lambda	31,56	37,11	
Relative slenderness Lambda,rel	0,34	0,40	
Limit slenderness Lambda,rel,0	0,20	0,20	

Note: The slenderness or compression force is such that Flexural Buckling effects may be ignored according to EN 1993-1-1 article 6.3.1.2(4).

Torsional(-Flexural) Buckling check
According to EN 1993-1-1 article 6.3.1.1 and formula (6.46)
Note: The cross-section concerns a RHS section which is not susceptible to Torsional(-Flexural) Buckling.

Lateral Torsional Buckling check
According to EN 1993-1-1 article 6.3.2.1
Note: The cross-section concerns an RHS section with 'h / b < 10 / Lambda,rel,z'.
This section is thus not susceptible to Lateral Torsional Buckling.

Bending and axial compression check
According to EN 1993-1-1 article 6.3.3 and formula (6.61),(6.62)

Bending and axial compression check parameters		
Interaction method	alternative method 1	
Cross-section area A	2,2400e-04	m^2
Cross-section plastic modulus Wpl,y	2,8160e-06	m^3
Cross-section plastic modulus Wpl,z	1,6960e-06	m^3
Design compression force N,Ed	2,193	kN
Design bending moment (maximum) My,Ed	-0,406	kNm
Design bending moment (maximum) Mz,Ed	-0,017	kNm
Characteristic compression resistance N,Rk	52,640	kN
Characteristic moment resistance My,Rk	0,662	kNm
Characteristic moment resistance Mz,Rk	0,399	kNm
Reduction factor Chi,y	1,00	
Reduction factor Chi,z	1,00	
Reduction factor Chi,LT	1,00	
Interaction factor k,yy	0,99	
Interaction factor k,yz	0,58	
Interaction factor k,zy	0,61	
Interaction factor k,zz	0,99	

Maximum moment My,Ed is derived from beam B228 position 0,000 m.
Maximum moment Mz,Ed is derived from beam B228 position 0,200 m.

Interaction method 1 parameters		
Critical Euler load N,cr,y	466,103	kN
Critical Euler load N,cr,z	337,140	kN
Elastic critical load N,cr,T	10999,301	kN

Interaction method 1 parameters		
Cross-section plastic modulus Wpl,y	2,8160e-06	m^3
Cross-section elastic modulus Wel,y	2,2229e-06	m^3
Cross-section plastic modulus Wpl,z	1,6960e-06	m^3
Cross-section elastic modulus Wel,z	1,4378e-06	m^3
Second moment of area Iy	4,4458e-08	m^4
Second moment of area Iz	1,4378e-08	m^4
Torsional constant It	3,3717e-08	m^4
Method for equivalent moment factor C,my,0	Table A.2 Line 2 (General)	
Design bending moment (maximum) My,Ed	-0,406	kNm
Maximum relative deflection delta,z	-0,3	mm
Equivalent moment factor C,my,0	1,00	
Method for equivalent moment factor C,mz,0	Table A.2 Line 2 (General)	
Design bending moment (maximum) Mz,Ed	-0,017	kNm
Maximum relative deflection delta,y	0,0	mm
Equivalent moment factor C,mz,0	0,99	
Factor mu,y	1,00	
Factor mu,z	1,00	
Factor epsilon,y	18,63	
Factor a,LT	0,24	
Critical moment for uniform bending Mcr,0	74,123	kNm
Relative slenderness Lambda,rel,0	0,09	
Limit relative slenderness Lambda,rel,0,lim	0,23	
Equivalent moment factor C,my	1,00	
Equivalent moment factor C,mz	0,99	
Equivalent moment factor C,mLT	1,00	
Factor b,LT	0,00	
Factor c,LT	0,00	
Factor d,LT	0,01	
Factor e,LT	0,19	
Factor w,y	1,27	
Factor w,z	1,18	
Factor n,pl	0,04	
Maximum relative slenderness Lambda,rel,max	0,40	
Factor C,yy	1,01	
Factor C,yz	1,01	
Factor C,zy	1,01	
Factor C,zz	1,01	

Unity check (6.61) = 0,04 + 0,60 + 0,02 = 0,67 -
Unity check (6.62) = 0,04 + 0,38 + 0,04 = 0,46 -

The member satisfies the stability check.

Nonlinear calculation, Extreme : Global
Selection : All
Class : NC ULS
Cross-section : TOPUKLUK - C (20,0; 2,0; 2,0; 150,0; 2,0; 20,0)

EN 1993-1-1 Code Check
National annex: Standard EN

Member C177	**2,500 m**	**C (20,0; 2,0; 2,0; 150,0; 2,0; 20,0)**	**S 235**	**NC4**	**0,22 -**

Partial safety factors	
Gamma M0 for resistance of cross-sections	1,00
Gamma M1 for resistance to instability	1,00
Gamma M2 for resistance of net sections	1,25

Material		
Yield strength fy	235,0	MPa
Ultimate strength fu	360,0	MPa
Fabrication	Rolled	

Warning: Strength reduction in function of the thickness is not supported for this type of cross-section.

...::SECTION CHECK::...

Classification for cross-section design
According to EN 1993-1-1 article 5.5.2
Warning: Classification is not supported for this type of cross-section.
The section is checked as elastic, class 3.

The critical check is on position 1.250 m

Internal forces	Calculated	Unit
N,Ed	-0,558	kN
Vy,Ed	-0,001	kN
Vz,Ed	0,000	kN
T,Ed	0,000	kNm
My,Ed	0,036	kNm
Mz,Ed	-0,001	kNm

Compression check
According to EN 1993-1-1 article 6.2.4 and formula (6.9)

A	4,4400e-04	m^2
Nc,Rd	104,340	kN
Unity check	0,01	-

Bending moment check for My
According to EN 1993-1-1 article 6.2.5 and formula (6.12),(6.14)

Wel,y,min	1,6715e-05	m^3
Mel,y,Rd	3,928	kNm
Unity check	0,01	-

Bending moment check for Mz
According to EN 1993-1-1 article 6.2.5 and formula (6.12),(6.14)

Wel,z,min	1,6212e-06	m^3
Mel,z,Rd	0,381	kNm
Unity check	0,00	-

Shear check for Vy
According to EN 1993-1-1 article 6.2.6 and formula (6.19)

Tau,Vy,Ed	0,0	MPa
Tau,Rd	135,7	MPa
Unity check	0,00	-

Note: No shear area is given for this section/fabrication, therefore the plastic shear resistance cannot be determined. As a result the elastic shear resistance according to EN 1993-1-1 article 6.2.6(4) is verified.

Torsion check
According to EN 1993-1-1 article 6.2.7 and formula (6.23)

Tau,t,Ed	0,0	MPa
Tau,Rd	135,7	MPa
Unity check	0,00	-

Note: The unity check for torsion is lower than the limit value of 0,05. Therefore torsion is considered as insignificant and is ignored in the combined checks.

Combined bending, axial force and shear force check
According to EN 1993-1-1 article 6.2.1(5) and formula (6.1)

Elastic verification		
Fibre	15	
Sigma,N,Ed	1,3	MPa
Sigma,My,Ed	2,2	MPa

Elastic verification		
Sigma,Mz,Ed	0,2	MPa
Sigma,tot,Ed	3,6	MPa
Tau,Vy,Ed	0,0	MPa
Tau,Vz,Ed	0,0	MPa
Tau,t,Ed	0,0	MPa
Tau,tot,Ed	0,0	MPa
Sigma,von Mises,Ed	3,6	MPa
Unity check	0,02	-

The member satisfies the section check.

...::STABILITY CHECK::...

Flexural Buckling check
According to EN 1993-1-1 article 6.3.1.1 and formula (6.46)

Buckling parameters	yy	zz	
Sway type	non-sway	sway	
System length L	2,500	2,500	m
Buckling factor k	1,00	1,39	
Buckling length Lcr	2,500	3,467	m
Critical Euler load Ncr	415,755	4,043	kN
Slenderness Lambda	47,05	477,10	
Relative slenderness Lambda,rel	0,50	5,08	
Limit slenderness Lambda,rel,0	0,20	0,20	
Buckling curve	d	d	
Imperfection Alpha	0,76	0,76	
Reduction factor Chi	0,78	0,03	
Buckling resistance Nb,Rd	81,244	3,519	kN

Flexural Buckling verification		
Cross-section area A	4,4400e-04	m^2
Buckling resistance Nb,Rd	3,519	kN
Unity check	0,16	-

Torsional(-Flexural) Buckling check
According to EN 1993-1-1 article 6.3.1.1 and formula (6.46)

Torsional buckling length Lcr	2,500	m
Elastic critical load Ncr,T	26,786	kN
Elastic critical load Ncr,TF	4,043	kN
Relative slenderness Lambda,rel,T	5,08	
Limit slenderness Lambda,rel,0	0,20	
Buckling curve	d	
Imperfection Alpha	0,76	
Reduction factor Chi	0,03	
Cross-section area A	4,4400e-04	m^2
Buckling resistance Nb,Rd	3,519	kN
Unity check	0,16	-

Lateral Torsional Buckling check
According to EN 1993-1-1 article 6.3.2.1 & 6.3.2.2 and formula (6.54)

LTB parameters		
Method for LTB curve	General case	
Cross-section elastic modulus Wel,y	1,6715e-05	m^3
Elastic critical moment Mcr	0,898	kNm
Relative slenderness Lambda,rel,LT	2,09	
Limit slenderness Lambda,rel,LT,0	0,20	
LTB curve	d	
Imperfection Alpha,LT	0,76	
Reduction factor Chi,LT	0,16	
Design buckling resistance Mb,Rd	0,645	kNm
Unity check	0,06	-

Mcr parameters		
LTB length L	2,500	m
Influence of load position	no influence	
Correction factor k	1,00	
Correction factor kw	1,00	
LTB moment factor C1	1,13	
LTB moment factor C2	0,45	
LTB moment factor C3	0,53	
Shear center distance d,z	0,0	mm
Distance of load application z,g	0,0	mm
Mono-symmetry constant beta,y	-0,1	mm
Mono-symmetry constant z,j	0,0	mm

Note: C parameters are determined according to ECCS 119 2006 / Galea 2002.

Bending and axial compression check
According to EN 1993-1-1 article 6.3.3 and formula (6.61),(6.62)

Bending and axial compression check parameters		
Interaction method	alternative method 1	
Cross-section area A	4,4400e-04	m^2
Cross-section elastic modulus Wel,y	1,6715e-05	m^3
Cross-section elastic modulus Wel,z	1,6212e-06	m^3
Design compression force N,Ed	0,558	kN
Design bending moment (maximum) My,Ed	0,036	kNm
Design bending moment (maximum) Mz,Ed	-0,002	kNm
Characteristic compression resistance N,Rk	104,340	kN
Characteristic moment resistance My,Rk	3,928	kNm
Characteristic moment resistance Mz,Rk	0,381	kNm
Reduction factor Chi,y	0,78	
Reduction factor Chi,z	0,03	
Reduction factor Chi,LT	0,16	
Interaction factor k,yy	1,09	
Interaction factor k,yz	1,07	
Interaction factor k,zy	0,94	
Interaction factor k,zz	0,93	

Maximum moment My,Ed is derived from beam C177 position 1,250 m.
Maximum moment Mz,Ed is derived from beam C177 position 2,500 m.

Interaction method 1 parameters		
Critical Euler load N,cr,y	415,755	kN
Critical Euler load N,cr,z	4,043	kN
Elastic critical load N,cr,T	26,786	kN
Cross-section elastic modulus Wel,y	1,6715e-05	m^3
Second moment of area Iy	1,2537e-06	m^4
Second moment of area Iz	2,3442e-08	m^4
Torsional constant It	5,1673e-10	m^4
Method for equivalent moment factor C,my,0	Table A.2 Line 4 (Line load)	
Equivalent moment factor C,my,0	1,00	
Method for equivalent moment factor C,mz,0	Table A.2 Line 2 (General)	
Design bending moment (maximum) Mz,Ed	-0,002	kNm
Maximum relative deflection delta,y	0,1	mm
Equivalent moment factor C,mz,0	0,93	
Factor mu,y	1,00	
Factor mu,z	0,87	
Factor epsilon,y	1,72	
Factor a,LT	1,00	
Critical moment for uniform bending Mcr,0	0,797	kNm
Relative slenderness Lambda,rel,0	2,22	
Limit relative slenderness Lambda,rel,0,lim	0,20	
Equivalent moment factor C,my	1,00	
Equivalent moment factor C,mz	0,93	
Equivalent moment factor C,mLT	1,09	

Unity check (6.61) = 0,01 + 0,06 + 0,01 = 0,07 -
Unity check (6.62) = 0,16 + 0,05 + 0,00 = 0,22 -

The member satisfies the stability check.

Nonlinear calculation, Extreme : Global
Selection : All
Class : NC ULS

Nonlinear calculation, Extreme : Member
Selection : All
Class : NC ULS

Member	css	mat	Case	dx [mm]	un.check [-]	sec.check [-]	stab.check [-]
B1	DİKME - CFCHS48.3X3	S 235	NC8	50,000	0,53	0,53	0,00
B2	DİKME - CFCHS48.3X3	S 235	NC8	2000,000	0,83	0,83	0,00
B3	DİKME - CFCHS48.3X3	S 235	NC8	110,000	0,70	0,70	0,00
B4	DİKME - CFCHS48.3X3	S 235	NC8	2000,000	0,72	0,72	0,00
B5	DİKME - CFCHS48.3X3	S 235	NC8	110,000	0,73	0,73	0,00
B6	DİKME - CFCHS48.3X3	S 235	NC8	2000,000	0,76	0,76	0,00
B7	DİKME - CFCHS48.3X3	S 235	NC8	110,000	0,76	0,76	0,00
B8	DİKME - CFCHS48.3X3	S 235	NC8	2000,000	0,79	0,79	0,00
B9	DİKME - CFCHS48.3X3	S 235	NC8	110,000	0,80	0,80	0,00
B10	DİKME - CFCHS48.3X3	S 235	NC8	2000,000	0,82	0,82	0,00
B11	DİKME - CFCHS48.3X3	S 235	NC8	110,000	0,87	0,87	0,00
B12	DİKME - CFCHS48.3X3	S 235	NC8	2000,000	0,76	0,76	0,00
B13	DİKME - CFCHS48.3X3	S 235	NC8	2000,000	0,37	0,37	0,00
B14	DİKME - CFCHS48.3X3	S 235	NC8	2000,000	0,56	0,56	0,00
B15	DİKME - CFCHS48.3X3	S 235	NC8	0,000	0,55	0,55	0,00
B16	DİKME - CFCHS48.3X3	S 235	NC8	110,000	0,44	0,44	0,00
B17	DİKME - CFCHS48.3X3	S 235	NC8	0,000	0,49	0,49	0,00
B18	DİKME - CFCHS48.3X3	S 235	NC8	110,000	0,46	0,46	0,00
B19	DİKME - CFCHS48.3X3	S 235	NC8	0,000	0,52	0,52	0,00
B20	DİKME - CFCHS48.3X3	S 235	NC8	110,000	0,48	0,48	0,00
B21	DİKME - CFCHS48.3X3	S 235	NC8	0,000	0,54	0,54	0,00
B22	DİKME - CFCHS48.3X3	S 235	NC8	110,000	0,49	0,49	0,00
B23	DİKME - CFCHS48.3X3	S 235	NC8	2000,000	0,59	0,59	0,00
B24	DİKME - CFCHS48.3X3	S 235	NC8	110,000	0,50	0,50	0,00
B25	DİKME - CFCHS48.3X3	S 235	NC8	50,000	0,56	0,56	0,00
B26	DİKME - CFCHS48.3X3	S 235	NC8	2000,000	0,82	0,82	0,00
B27	DİKME - CFCHS48.3X3	S 235	NC8	110,000	0,76	0,76	0,00
B28	DİKME - CFCHS48.3X3	S 235	NC8	2000,000	0,71	0,71	0,00
B29	DİKME - CFCHS48.3X3	S 235	NC8	110,000	0,79	0,79	0,00
B30	DİKME - CFCHS48.3X3	S 235	NC8	2000,000	0,75	0,75	0,00
B31	DİKME - CFCHS48.3X3	S 235	NC8	110,000	0,83	0,83	0,00
B32	DİKME - CFCHS48.3X3	S 235	NC8	2000,000	0,78	0,78	0,00
B33	DİKME - CFCHS48.3X3	S 235	NC8	110,000	0,87	0,87	0,00
B34	DİKME - CFCHS48.3X3	S 235	NC8	2000,000	0,81	0,81	0,00
B35	DİKME - CFCHS48.3X3	S 235	NC8	110,000	0,95	0,95	0,00
B36	DİKME - CFCHS48.3X3	S 235	NC8	2000,000	0,75	0,75	0,00
B37	DİKME - CFCHS48.3X3	S 235	NC8	2000,000	0,38	0,38	0,00
B38	DİKME - CFCHS48.3X3	S 235	NC8	2000,000	0,56	0,56	0,00
B39	DİKME - CFCHS48.3X3	S 235	NC8	0,000	0,56	0,56	0,00
B40	DİKME - CFCHS48.3X3	S 235	NC8	2000,000	0,43	0,43	0,00
B41	DİKME - CFCHS48.3X3	S 235	NC8	0,000	0,50	0,50	0,00
B42	DİKME - CFCHS48.3X3	S 235	NC8	2000,000	0,46	0,46	0,00
B43	DİKME - CFCHS48.3X3	S 235	NC8	0,000	0,53	0,53	0,00
B44	DİKME - CFCHS48.3X3	S 235	NC8	2000,000	0,47	0,47	0,00
B45	DİKME - CFCHS48.3X3	S 235	NC8	0,000	0,55	0,55	0,00
B46	DİKME - CFCHS48.3X3	S 235	NC8	2000,000	0,49	0,49	0,00
B47	DİKME - CFCHS48.3X3	S 235	NC8	2000,000	0,60	0,60	0,00
B48	DİKME - CFCHS48.3X3	S 235	NC8	110,000	0,49	0,49	0,00
B49	DİKME - CFCHS48.3X3	S 235	NC8	50,000	0,54	0,54	0,00
B50	DİKME - CFCHS48.3X3	S 235	NC8	2000,000	0,84	0,84	0,00
B51	DİKME - CFCHS48.3X3	S 235	NC8	110,000	0,71	0,71	0,00
B52	DİKME - CFCHS48.3X3	S 235	NC8	2000,000	0,73	0,73	0,00
B53	DİKME - CFCHS48.3X3	S 235	NC8	110,000	0,73	0,73	0,00
B54	DİKME - CFCHS48.3X3	S 235	NC8	2000,000	0,77	0,77	0,00
B55	DİKME - CFCHS48.3X3	S 235	NC8	110,000	0,77	0,77	0,00
B56	DİKME - CFCHS48.3X3	S 235	NC8	2000,000	0,79	0,79	0,00
B57	DİKME - CFCHS48.3X3	S 235	NC8	110,000	0,80	0,80	0,00
B58	DİKME - CFCHS48.3X3	S 235	NC8	2000,000	0,83	0,83	0,00
B59	DİKME - CFCHS48.3X3	S 235	NC8	110,000	0,88	0,88	0,00
B60	DİKME - CFCHS48.3X3	S 235	NC8	2000,000	0,77	0,77	0,00
B61	DİKME - CFCHS48.3X3	S 235	NC8	2000,000	0,37	0,37	0,00
B62	DİKME - CFCHS48.3X3	S 235	NC8	110,000	0,57	0,57	0,00
B63	DİKME - CFCHS48.3X3	S 235	NC8	0,000	0,56	0,56	0,00
B64	DİKME - CFCHS48.3X3	S 235	NC8	110,000	0,44	0,44	0,00
B65	DİKME - CFCHS48.3X3	S 235	NC8	0,000	0,50	0,50	0,00
B66	DİKME - CFCHS48.3X3	S 235	NC8	110,000	0,47	0,47	0,00
B67	DİKME - CFCHS48.3X3	S 235	NC8	0,000	0,53	0,53	0,00
B68	DİKME - CFCHS48.3X3	S 235	NC8	110,000	0,48	0,48	0,00

Member	css	mat	Case	dx [mm]	un.check [-]	sec.check [-]	stab.check [-]
B69	DİKME - CFCHS48.3X3	S 235	NC8	0,000	0,55	0,55	0,00
B70	DİKME - CFCHS48.3X3	S 235	NC8	110,000	0,49	0,49	0,00
B71	DİKME - CFCHS48.3X3	S 235	NC8	2000,000	0,59	0,59	0,00
B72	DİKME - CFCHS48.3X3	S 235	NC8	110,000	0,50	0,50	0,00
B73	DİKME - CFCHS48.3X3	S 235	NC8	50,000	0,55	0,55	0,00
B74	DİKME - CFCHS48.3X3	S 235	NC8	2000,000	0,84	0,84	0,00
B75	DİKME - CFCHS48.3X3	S 235	NC8	110,000	0,72	0,72	0,00
B76	DİKME - CFCHS48.3X3	S 235	NC8	2000,000	0,73	0,73	0,00
B77	DİKME - CFCHS48.3X3	S 235	NC8	110,000	0,74	0,74	0,00
B78	DİKME - CFCHS48.3X3	S 235	NC8	2000,000	0,76	0,76	0,00
B79	DİKME - CFCHS48.3X3	S 235	NC8	110,000	0,78	0,78	0,00
B80	DİKME - CFCHS48.3X3	S 235	NC8	2000,000	0,79	0,79	0,00
B81	DİKME - CFCHS48.3X3	S 235	NC8	110,000	0,81	0,81	0,00
B82	DİKME - CFCHS48.3X3	S 235	NC8	2000,000	0,82	0,82	0,00
B83	DİKME - CFCHS48.3X3	S 235	NC8	110,000	0,88	0,88	0,00
B84	DİKME - CFCHS48.3X3	S 235	NC8	2000,000	0,77	0,77	0,00
B85	DİKME - CFCHS48.3X3	S 235	NC8	2000,000	0,38	0,38	0,00
B86	DİKME - CFCHS48.3X3	S 235	NC8	2000,000	0,57	0,57	0,00
B87	DİKME - CFCHS48.3X3	S 235	NC8	0,000	0,57	0,57	0,00
B88	DİKME - CFCHS48.3X3	S 235	NC8	110,000	0,44	0,44	0,00
B89	DİKME - CFCHS48.3X3	S 235	NC8	0,000	0,51	0,51	0,00
B90	DİKME - CFCHS48.3X3	S 235	NC8	110,000	0,47	0,47	0,00
B91	DİKME - CFCHS48.3X3	S 235	NC8	0,000	0,53	0,53	0,00
B92	DİKME - CFCHS48.3X3	S 235	NC8	110,000	0,48	0,48	0,00
B93	DİKME - CFCHS48.3X3	S 235	NC8	0,000	0,55	0,55	0,00
B94	DİKME - CFCHS48.3X3	S 235	NC8	110,000	0,49	0,49	0,00
B95	DİKME - CFCHS48.3X3	S 235	NC8	2000,000	0,59	0,59	0,00
B96	DİKME - CFCHS48.3X3	S 235	NC8	110,000	0,50	0,50	0,00
B97	DİKME - CFCHS48.3X3	S 235	NC8	50,000	0,54	0,54	0,00
B98	DİKME - CFCHS48.3X3	S 235	NC8	2000,000	0,85	0,85	0,00
B99	DİKME - CFCHS48.3X3	S 235	NC8	110,000	0,71	0,71	0,00
B100	DİKME - CFCHS48.3X3	S 235	NC8	2000,000	0,73	0,73	0,00
B101	DİKME - CFCHS48.3X3	S 235	NC8	110,000	0,74	0,74	0,00
B102	DİKME - CFCHS48.3X3	S 235	NC8	2000,000	0,77	0,77	0,00
B103	DİKME - CFCHS48.3X3	S 235	NC8	110,000	0,77	0,77	0,00
B104	DİKME - CFCHS48.3X3	S 235	NC8	2000,000	0,80	0,80	0,00
B105	DİKME - CFCHS48.3X3	S 235	NC8	110,000	0,81	0,81	0,00
B106	DİKME - CFCHS48.3X3	S 235	NC8	2000,000	0,83	0,83	0,00
B107	DİKME - CFCHS48.3X3	S 235	NC8	110,000	0,88	0,88	0,00
B108	DİKME - CFCHS48.3X3	S 235	NC8	2000,000	0,77	0,77	0,00
B109	DİKME - CFCHS48.3X3	S 235	NC8	2000,000	0,38	0,38	0,00
B110	DİKME - CFCHS48.3X3	S 235	NC8	110,000	0,57	0,57	0,00
B111	DİKME - CFCHS48.3X3	S 235	NC8	0,000	0,57	0,57	0,00
B112	DİKME - CFCHS48.3X3	S 235	NC8	110,000	0,45	0,45	0,00
B113	DİKME - CFCHS48.3X3	S 235	NC8	0,000	0,50	0,50	0,00
B114	DİKME - CFCHS48.3X3	S 235	NC8	110,000	0,47	0,47	0,00
B115	DİKME - CFCHS48.3X3	S 235	NC8	0,000	0,53	0,53	0,00
B116	DİKME - CFCHS48.3X3	S 235	NC8	110,000	0,48	0,48	0,00
B117	DİKME - CFCHS48.3X3	S 235	NC8	0,000	0,55	0,55	0,00
B118	DİKME - CFCHS48.3X3	S 235	NC8	110,000	0,50	0,50	0,00
B119	DİKME - CFCHS48.3X3	S 235	NC8	2000,000	0,59	0,59	0,00
B120	DİKME - CFCHS48.3X3	S 235	NC8	110,000	0,50	0,50	0,00
B121	DİKME - CFCHS48.3X3	S 235	NC8	50,000	0,56	0,56	0,00
B122	DİKME - CFCHS48.3X3	S 235	NC8	2000,000	0,83	0,83	0,00
B123	DİKME - CFCHS48.3X3	S 235	NC8	110,000	0,77	0,77	0,00
B124	DİKME - CFCHS48.3X3	S 235	NC8	2000,000	0,72	0,72	0,00
B125	DİKME - CFCHS48.3X3	S 235	NC8	110,000	0,80	0,80	0,00
B126	DİKME - CFCHS48.3X3	S 235	NC8	2000,000	0,75	0,75	0,00
B127	DİKME - CFCHS48.3X3	S 235	NC8	110,000	0,84	0,84	0,00
B128	DİKME - CFCHS48.3X3	S 235	NC8	2000,000	0,78	0,78	0,00
B129	DİKME - CFCHS48.3X3	S 235	NC8	110,000	0,88	0,88	0,00
B130	DİKME - CFCHS48.3X3	S 235	NC8	2000,000	0,81	0,81	0,00
B131	DİKME - CFCHS48.3X3	S 235	NC8	110,000	0,96	0,96	0,00
B132	DİKME - CFCHS48.3X3	S 235	NC8	2000,000	0,75	0,75	0,00
B133	DİKME - CFCHS48.3X3	S 235	NC8	2000,000	0,39	0,39	0,00
B134	DİKME - CFCHS48.3X3	S 235	NC8	2000,000	0,57	0,57	0,00
B135	DİKME - CFCHS48.3X3	S 235	NC8	0,000	0,57	0,57	0,00
B136	DİKME - CFCHS48.3X3	S 235	NC8	2000,000	0,44	0,44	0,00
B137	DİKME - CFCHS48.3X3	S 235	NC8	0,000	0,51	0,51	0,00
B138	DİKME - CFCHS48.3X3	S 235	NC8	2000,000	0,46	0,46	0,00
B139	DİKME - CFCHS48.3X3	S 235	NC8	0,000	0,53	0,53	0,00
B140	DİKME - CFCHS48.3X3	S 235	NC8	2000,000	0,47	0,47	0,00
B141	DİKME - CFCHS48.3X3	S 235	NC8	0,000	0,55	0,55	0,00
B142	DİKME - CFCHS48.3X3	S 235	NC8	2000,000	0,49	0,49	0,00
B143	DİKME - CFCHS48.3X3	S 235	NC8	2000,000	0,61	0,61	0,00
B144	DİKME - CFCHS48.3X3	S 235	NC8	110,000	0,49	0,49	0,00

Member	css	mat	Case	dx [mm]	un.check [-]	sec.check [-]	stab.check [-]
B145	DİKME - CFCHS48.3X3	S 235	NC8	50,000	0,54	0,54	0,00
B146	DİKME - CFCHS48.3X3	S 235	NC8	2000,000	0,85	0,85	0,00
B147	DİKME - CFCHS48.3X3	S 235	NC8	110,000	0,71	0,71	0,00
B148	DİKME - CFCHS48.3X3	S 235	NC8	2000,000	0,73	0,73	0,00
B149	DİKME - CFCHS48.3X3	S 235	NC8	110,000	0,74	0,74	0,00
B150	DİKME - CFCHS48.3X3	S 235	NC8	2000,000	0,77	0,77	0,00
B151	DİKME - CFCHS48.3X3	S 235	NC8	110,000	0,77	0,77	0,00
B152	DİKME - CFCHS48.3X3	S 235	NC8	2000,000	0,80	0,80	0,00
B153	DİKME - CFCHS48.3X3	S 235	NC8	110,000	0,81	0,81	0,00
B154	DİKME - CFCHS48.3X3	S 235	NC8	2000,000	0,83	0,83	0,00
B155	DİKME - CFCHS48.3X3	S 235	NC8	110,000	0,88	0,88	0,00
B156	DİKME - CFCHS48.3X3	S 235	NC8	2000,000	0,77	0,77	0,00
B157	DİKME - CFCHS48.3X3	S 235	NC8	2000,000	0,38	0,38	0,00
B158	DİKME - CFCHS48.3X3	S 235	NC8	110,000	0,57	0,57	0,00
B159	DİKME - CFCHS48.3X3	S 235	NC8	0,000	0,57	0,57	0,00
B160	DİKME - CFCHS48.3X3	S 235	NC8	110,000	0,45	0,45	0,00
B161	DİKME - CFCHS48.3X3	S 235	NC8	0,000	0,50	0,50	0,00
B162	DİKME - CFCHS48.3X3	S 235	NC8	110,000	0,47	0,47	0,00
B163	DİKME - CFCHS48.3X3	S 235	NC8	0,000	0,53	0,53	0,00
B164	DİKME - CFCHS48.3X3	S 235	NC8	110,000	0,48	0,48	0,00
B165	DİKME - CFCHS48.3X3	S 235	NC8	0,000	0,55	0,55	0,00
B166	DİKME - CFCHS48.3X3	S 235	NC8	110,000	0,50	0,50	0,00
B167	DİKME - CFCHS48.3X3	S 235	NC8	2000,000	0,59	0,59	0,00
B168	DİKME - CFCHS48.3X3	S 235	NC8	110,000	0,50	0,50	0,00
B169	DİKME - CFCHS48.3X3	S 235	NC8	50,000	0,55	0,55	0,00
B170	DİKME - CFCHS48.3X3	S 235	NC8	2000,000	0,84	0,84	0,00
B171	DİKME - CFCHS48.3X3	S 235	NC8	110,000	0,72	0,72	0,00
B172	DİKME - CFCHS48.3X3	S 235	NC8	2000,000	0,73	0,73	0,00
B173	DİKME - CFCHS48.3X3	S 235	NC8	110,000	0,74	0,74	0,00
B174	DİKME - CFCHS48.3X3	S 235	NC8	2000,000	0,76	0,76	0,00
B175	DİKME - CFCHS48.3X3	S 235	NC8	110,000	0,78	0,78	0,00
B176	DİKME - CFCHS48.3X3	S 235	NC8	2000,000	0,79	0,79	0,00
B177	DİKME - CFCHS48.3X3	S 235	NC8	110,000	0,81	0,81	0,00
B178	DİKME - CFCHS48.3X3	S 235	NC8	2000,000	0,82	0,82	0,00
B179	DİKME - CFCHS48.3X3	S 235	NC8	110,000	0,88	0,88	0,00
B180	DİKME - CFCHS48.3X3	S 235	NC8	2000,000	0,77	0,77	0,00
B181	DİKME - CFCHS48.3X3	S 235	NC8	2000,000	0,38	0,38	0,00
B182	DİKME - CFCHS48.3X3	S 235	NC8	2000,000	0,57	0,57	0,00
B183	DİKME - CFCHS48.3X3	S 235	NC8	0,000	0,57	0,57	0,00
B184	DİKME - CFCHS48.3X3	S 235	NC8	110,000	0,44	0,44	0,00
B185	DİKME - CFCHS48.3X3	S 235	NC8	0,000	0,51	0,51	0,00
B186	DİKME - CFCHS48.3X3	S 235	NC8	110,000	0,47	0,47	0,00
B187	DİKME - CFCHS48.3X3	S 235	NC8	0,000	0,53	0,53	0,00
B188	DİKME - CFCHS48.3X3	S 235	NC8	110,000	0,48	0,48	0,00
B189	DİKME - CFCHS48.3X3	S 235	NC8	0,000	0,55	0,55	0,00
B190	DİKME - CFCHS48.3X3	S 235	NC8	110,000	0,49	0,49	0,00
B191	DİKME - CFCHS48.3X3	S 235	NC8	2000,000	0,59	0,59	0,00
B192	DİKME - CFCHS48.3X3	S 235	NC8	110,000	0,50	0,50	0,00
B193	ALT_PROFIL - RHS	S 235	NC8	0,000	0,09	0,06	0,09
B194	ALT_PROFIL - RHS	S 235	NC8	0,000	0,35	0,30	0,35
B195	ALT_PROFIL - RHS	S 235	NC8	0,000	0,19	0,10	0,19
B196	ALT_PROFIL - RHS	S 235	NC8	0,000	0,22	0,17	0,22
B197	ALT_PROFIL - RHS	S 235	NC8	0,000	0,20	0,10	0,20
B198	ALT_PROFIL - RHS	S 235	NC8	0,000	0,23	0,18	0,23
B199	ALT_PROFIL - RHS	S 235	NC8	0,000	0,21	0,12	0,21
B200	ALT_PROFIL - RHS	S 235	NC8	0,000	0,23	0,18	0,23
B201	ALT_PROFIL - RHS	S 235	NC8	0,000	0,23	0,13	0,23
B202	ALT_PROFIL - RHS	S 235	NC4	700,000	0,25	0,25	0,25
B203	ALT_PROFIL - RHS	S 235	NC4	700,000	0,41	0,41	0,40
B204	ALT_PROFIL - RHS	S 235	NC8	0,000	0,64	0,59	0,64
B205	ALT_PROFIL - RHS	S 235	NC8	0,000	0,13	0,11	0,13
B206	ALT_PROFIL - RHS	S 235	NC8	0,000	0,32	0,30	0,32
B207	ALT_PROFIL - RHS	S 235	NC8	200,000	0,19	0,07	0,19
B208	ALT_PROFIL - RHS	S 235	NC8	0,000	0,20	0,17	0,20
B209	ALT_PROFIL - RHS	S 235	NC8	200,000	0,19	0,07	0,19
B210	ALT_PROFIL - RHS	S 235	NC8	500,000	0,21	0,07	0,21
B211	ALT_PROFIL - RHS	S 235	NC8	0,000	0,20	0,08	0,20
B212	ALT_PROFIL - RHS	S 235	NC8	500,000	0,21	0,07	0,21
B213	ALT_PROFIL - RHS	S 235	NC8	0,000	0,22	0,09	0,22
B214	ALT_PROFIL - RHS	S 235	NC4	700,000	0,44	0,44	0,42
B215	ALT_PROFIL - RHS	S 235	NC4	700,000	0,76	0,76	0,71
B216	ALT_PROFIL - RHS	S 235	NC8	0,000	0,64	0,61	0,64
B217	ALT_PROFIL - RHS	S 235	NC8	0,000	0,10	0,08	0,10
B218	ALT_PROFIL - RHS	S 235	NC8	0,000	0,37	0,32	0,37
B219	ALT_PROFIL - RHS	S 235	NC8	0,000	0,22	0,08	0,22
B220	ALT_PROFIL - RHS	S 235	NC8	0,000	0,24	0,20	0,24

Member	css	mat	Case	dx [mm]	un.check [-]	sec.check [-]	stab.check [-]
B221	ALT_PROFIL - RHS	S 235	NC8	0,000	0,22	0,08	0,22
B222	ALT_PROFIL - RHS	S 235	NC8	0,000	0,25	0,21	0,25
B223	ALT_PROFIL - RHS	S 235	NC8	0,000	0,23	0,09	0,23
B224	ALT_PROFIL - RHS	S 235	NC8	0,000	0,26	0,21	0,26
B225	ALT_PROFIL - RHS	S 235	NC8	0,000	0,25	0,10	0,25
B226	ALT_PROFIL - RHS	S 235	NC4	700,000	0,45	0,45	0,43
B227	ALT_PROFIL - RHS	S 235	NC4	700,000	0,77	0,77	0,73
B228	ALT_PROFIL - RHS	S 235	NC8	0,000	0,68	0,62	0,68
B229	ALT_PROFIL - RHS	S 235	NC8	0,000	0,10	0,09	0,10
B230	ALT_PROFIL - RHS	S 235	NC8	0,000	0,35	0,32	0,35
B231	ALT_PROFIL - RHS	S 235	NC8	0,000	0,20	0,08	0,20
B232	ALT_PROFIL - RHS	S 235	NC8	700,000	0,23	0,09	0,23
B233	ALT_PROFIL - RHS	S 235	NC8	0,000	0,20	0,08	0,20
B234	ALT_PROFIL - RHS	S 235	NC8	700,000	0,24	0,10	0,24
B235	ALT_PROFIL - RHS	S 235	NC8	0,000	0,21	0,09	0,21
B236	ALT_PROFIL - RHS	S 235	NC8	700,000	0,24	0,10	0,24
B237	ALT_PROFIL - RHS	S 235	NC8	0,000	0,23	0,10	0,23
B238	ALT_PROFIL - RHS	S 235	NC4	700,000	0,45	0,45	0,43
B239	ALT_PROFIL - RHS	S 235	NC4	700,000	0,77	0,77	0,73
B240	ALT_PROFIL - RHS	S 235	NC8	700,000	0,65	0,51	0,65
B241	ALT_PROFIL - RHS	S 235	NC8	0,000	0,10	0,08	0,10
B242	ALT_PROFIL - RHS	S 235	NC8	0,000	0,38	0,33	0,38
B243	ALT_PROFIL - RHS	S 235	NC8	0,000	0,22	0,08	0,22
B244	ALT_PROFIL - RHS	S 235	NC8	0,000	0,24	0,20	0,24
B245	ALT_PROFIL - RHS	S 235	NC8	0,000	0,22	0,08	0,22
B246	ALT_PROFIL - RHS	S 235	NC8	0,000	0,25	0,21	0,25
B247	ALT_PROFIL - RHS	S 235	NC8	0,000	0,24	0,10	0,24
B248	ALT_PROFIL - RHS	S 235	NC8	0,000	0,26	0,21	0,26
B249	ALT_PROFIL - RHS	S 235	NC8	0,000	0,25	0,11	0,25
B250	ALT_PROFIL - RHS	S 235	NC4	700,000	0,46	0,46	0,43
B251	ALT_PROFIL - RHS	S 235	NC4	700,000	0,77	0,77	0,73
B252	ALT_PROFIL - RHS	S 235	NC8	0,000	0,67	0,62	0,67
B253	ALT_PROFIL - RHS	S 235	NC8	0,000	0,12	0,11	0,12
B254	ALT_PROFIL - RHS	S 235	NC8	700,000	0,33	0,19	0,33
B255	ALT_PROFIL - RHS	S 235	NC8	200,000	0,19	0,07	0,19
B256	ALT_PROFIL - RHS	S 235	NC8	500,000	0,20	0,07	0,20
B257	ALT_PROFIL - RHS	S 235	NC8	100,010	0,20	0,07	0,20
B258	ALT_PROFIL - RHS	S 235	NC8	500,000	0,21	0,08	0,21
B259	ALT_PROFIL - RHS	S 235	NC8	0,000	0,21	0,08	0,21
B260	ALT_PROFIL - RHS	S 235	NC8	500,000	0,21	0,07	0,21
B261	ALT_PROFIL - RHS	S 235	NC8	0,000	0,22	0,09	0,22
B262	ALT_PROFIL - RHS	S 235	NC4	700,000	0,46	0,46	0,44
B263	ALT_PROFIL - RHS	S 235	NC4	700,000	0,78	0,78	0,73
B264	ALT_PROFIL - RHS	S 235	NC8	700,000	0,64	0,50	0,64
B265	ALT_PROFIL - RHS	S 235	NC8	0,000	0,10	0,08	0,10
B266	ALT_PROFIL - RHS	S 235	NC8	0,000	0,38	0,33	0,38
B267	ALT_PROFIL - RHS	S 235	NC8	0,000	0,22	0,08	0,22
B268	ALT_PROFIL - RHS	S 235	NC8	0,000	0,24	0,20	0,24
B269	ALT_PROFIL - RHS	S 235	NC8	0,000	0,22	0,08	0,22
B270	ALT_PROFIL - RHS	S 235	NC8	0,000	0,25	0,21	0,25
B271	ALT_PROFIL - RHS	S 235	NC8	0,000	0,24	0,10	0,24
B272	ALT_PROFIL - RHS	S 235	NC8	0,000	0,25	0,21	0,25
B273	ALT_PROFIL - RHS	S 235	NC8	0,000	0,25	0,11	0,25
B274	ALT_PROFIL - RHS	S 235	NC4	700,000	0,46	0,46	0,43
B275	ALT_PROFIL - RHS	S 235	NC4	700,000	0,77	0,77	0,73
B276	ALT_PROFIL - RHS	S 235	NC8	0,000	0,67	0,62	0,67
B277	ALT_PROFIL - RHS	S 235	NC8	0,000	0,10	0,09	0,10
B278	ALT_PROFIL - RHS	S 235	NC8	700,000	0,35	0,22	0,35
B279	ALT_PROFIL - RHS	S 235	NC8	0,000	0,20	0,08	0,20
B280	ALT_PROFIL - RHS	S 235	NC8	700,000	0,23	0,09	0,23
B281	ALT_PROFIL - RHS	S 235	NC8	0,000	0,20	0,08	0,20
B282	ALT_PROFIL - RHS	S 235	NC8	700,000	0,24	0,10	0,24
B283	ALT_PROFIL - RHS	S 235	NC8	0,000	0,21	0,09	0,21
B284	ALT_PROFIL - RHS	S 235	NC8	700,000	0,24	0,10	0,24
B285	ALT_PROFIL - RHS	S 235	NC8	0,000	0,23	0,10	0,23
B286	ALT_PROFIL - RHS	S 235	NC4	700,000	0,45	0,45	0,43
B287	ALT_PROFIL - RHS	S 235	NC4	700,000	0,77	0,77	0,73
B288	ALT_PROFIL - RHS	S 235	NC8	700,000	0,65	0,51	0,65
B289	YATAY - CHS	S 235	NC7	1249,990	0,04	0,04	0,00
B290	YATAY - CHS	S 235	NC7	1249,990	0,04	0,04	0,00
B291	YATAY - CHS	S 235	NC7	1249,990	0,04	0,04	0,00
B292	YATAY - CHS	S 235	NC8	1249,990	0,04	0,04	0,00
B293	YATAY - CHS	S 235	NC7	1249,990	0,04	0,04	0,00
B294	YATAY - CHS	S 235	NC7	1249,990	0,04	0,04	0,00
B295	YATAY - CHS	S 235	NC8	1249,990	0,04	0,04	0,00
B296	YATAY - CHS	S 235	NC7	1249,990	0,04	0,04	0,00

Member	css	mat	Case	dx [mm]	un.check [-]	sec.check [-]	stab.check [-]
B297	YATAY - CHS	S 235	NC2	1249,990	0,04	0,04	0,00
B298	YATAY - CHS	S 235	NC8	1249,990	0,04	0,04	0,00
B299	YATAY - CHS	S 235	NC8	1249,990	0,04	0,04	0,00
B300	YATAY - CHS	S 235	NC7	1249,990	0,04	0,04	0,00
B301	YATAY - CHS	S 235	NC7	1249,990	0,04	0,04	0,00
B302	YATAY - CHS	S 235	NC8	1249,990	0,04	0,04	0,00
B457	DİKME - CFCHS48.3X3	S 235	NC8	50,000	0,54	0,54	0,00
B458	DİKME - CFCHS48.3X3	S 235	NC8	2000,000	0,84	0,84	0,00
B459	DİKME - CFCHS48.3X3	S 235	NC8	110,000	0,71	0,71	0,00
B460	DİKME - CFCHS48.3X3	S 235	NC8	2000,000	0,73	0,73	0,00
B461	DİKME - CFCHS48.3X3	S 235	NC8	110,000	0,73	0,73	0,00
B462	DİKME - CFCHS48.3X3	S 235	NC8	2000,000	0,77	0,77	0,00
B463	DİKME - CFCHS48.3X3	S 235	NC8	110,000	0,77	0,77	0,00
B464	DİKME - CFCHS48.3X3	S 235	NC8	2000,000	0,79	0,79	0,00
B465	DİKME - CFCHS48.3X3	S 235	NC8	110,000	0,80	0,80	0,00
B466	DİKME - CFCHS48.3X3	S 235	NC8	2000,000	0,83	0,83	0,00
B467	DİKME - CFCHS48.3X3	S 235	NC8	110,000	0,88	0,88	0,00
B468	DİKME - CFCHS48.3X3	S 235	NC8	2000,000	0,77	0,77	0,00
B469	DİKME - CFCHS48.3X3	S 235	NC8	2000,000	0,37	0,37	0,00
B470	DİKME - CFCHS48.3X3	S 235	NC8	110,000	0,57	0,57	0,00
B471	DİKME - CFCHS48.3X3	S 235	NC8	0,000	0,56	0,56	0,00
B472	DİKME - CFCHS48.3X3	S 235	NC8	110,000	0,44	0,44	0,00
B473	DİKME - CFCHS48.3X3	S 235	NC8	0,000	0,50	0,50	0,00
B474	DİKME - CFCHS48.3X3	S 235	NC8	110,000	0,47	0,47	0,00
B475	DİKME - CFCHS48.3X3	S 235	NC8	0,000	0,53	0,53	0,00
B476	DİKME - CFCHS48.3X3	S 235	NC8	110,000	0,48	0,48	0,00
B477	DİKME - CFCHS48.3X3	S 235	NC8	0,000	0,55	0,55	0,00
B478	DİKME - CFCHS48.3X3	S 235	NC8	110,000	0,49	0,49	0,00
B479	DİKME - CFCHS48.3X3	S 235	NC8	2000,000	0,59	0,59	0,00
B480	DİKME - CFCHS48.3X3	S 235	NC8	110,000	0,50	0,50	0,00
B481	ALT_PROFIL - RHS	S 235	NC8	0,000	0,10	0,08	0,10
B482	ALT_PROFIL - RHS	S 235	NC8	0,000	0,37	0,32	0,37
B483	ALT_PROFIL - RHS	S 235	NC8	0,000	0,22	0,08	0,22
B484	ALT_PROFIL - RHS	S 235	NC8	0,000	0,24	0,20	0,24
B485	ALT_PROFIL - RHS	S 235	NC8	0,000	0,22	0,08	0,22
B486	ALT_PROFIL - RHS	S 235	NC8	0,000	0,25	0,21	0,25
B487	ALT_PROFIL - RHS	S 235	NC8	0,000	0,23	0,09	0,23
B488	ALT_PROFIL - RHS	S 235	NC8	0,000	0,26	0,21	0,26
B489	ALT_PROFIL - RHS	S 235	NC8	0,000	0,25	0,10	0,25
B490	ALT_PROFIL - RHS	S 235	NC4	700,000	0,45	0,45	0,43
B491	ALT_PROFIL - RHS	S 235	NC4	700,000	0,77	0,77	0,73
B492	ALT_PROFIL - RHS	S 235	NC8	0,000	0,68	0,62	0,68
B493	YATAY - CHS	S 235	NC8	1249,990	0,04	0,04	0,00
B494	YATAY - CHS	S 235	NC8	1249,990	0,04	0,04	0,00
B517	DİKME - CFCHS48.3X3	S 235	NC8	50,000	0,56	0,56	0,00
B518	DİKME - CFCHS48.3X3	S 235	NC8	2000,000	0,82	0,82	0,00
B519	DİKME - CFCHS48.3X3	S 235	NC8	110,000	0,76	0,76	0,00
B520	DİKME - CFCHS48.3X3	S 235	NC8	2000,000	0,71	0,71	0,00
B521	DİKME - CFCHS48.3X3	S 235	NC8	110,000	0,79	0,79	0,00
B522	DİKME - CFCHS48.3X3	S 235	NC8	2000,000	0,75	0,75	0,00
B523	DİKME - CFCHS48.3X3	S 235	NC8	110,000	0,83	0,83	0,00
B524	DİKME - CFCHS48.3X3	S 235	NC8	2000,000	0,78	0,78	0,00
B525	DİKME - CFCHS48.3X3	S 235	NC8	110,000	0,87	0,87	0,00
B526	DİKME - CFCHS48.3X3	S 235	NC8	2000,000	0,81	0,81	0,00
B527	DİKME - CFCHS48.3X3	S 235	NC8	110,000	0,95	0,95	0,00
B528	DİKME - CFCHS48.3X3	S 235	NC8	2000,000	0,75	0,75	0,00
B529	DİKME - CFCHS48.3X3	S 235	NC8	2000,000	0,38	0,38	0,00
B530	DİKME - CFCHS48.3X3	S 235	NC8	2000,000	0,56	0,56	0,00
B531	DİKME - CFCHS48.3X3	S 235	NC8	0,000	0,56	0,56	0,00
B532	DİKME - CFCHS48.3X3	S 235	NC8	2000,000	0,43	0,43	0,00
B533	DİKME - CFCHS48.3X3	S 235	NC8	0,000	0,50	0,50	0,00
B534	DİKME - CFCHS48.3X3	S 235	NC8	2000,000	0,46	0,46	0,00
B535	DİKME - CFCHS48.3X3	S 235	NC8	0,000	0,53	0,53	0,00
B536	DİKME - CFCHS48.3X3	S 235	NC8	2000,000	0,47	0,47	0,00
B537	DİKME - CFCHS48.3X3	S 235	NC8	0,000	0,55	0,55	0,00
B538	DİKME - CFCHS48.3X3	S 235	NC8	2000,000	0,49	0,49	0,00
B539	DİKME - CFCHS48.3X3	S 235	NC8	2000,000	0,60	0,60	0,00
B540	DİKME - CFCHS48.3X3	S 235	NC8	110,000	0,49	0,49	0,00
B541	ALT_PROFIL - RHS	S 235	NC8	0,000	0,13	0,11	0,13
B542	ALT_PROFIL - RHS	S 235	NC8	0,000	0,32	0,30	0,32
B543	ALT_PROFIL - RHS	S 235	NC8	200,000	0,19	0,07	0,19
B544	ALT_PROFIL - RHS	S 235	NC8	500,000	0,20	0,07	0,20
B545	ALT_PROFIL - RHS	S 235	NC8	200,000	0,19	0,07	0,19
B546	ALT_PROFIL - RHS	S 235	NC8	0,000	0,21	0,18	0,21
B547	ALT_PROFIL - RHS	S 235	NC8	0,000	0,21	0,08	0,21
B548	ALT_PROFIL - RHS	S 235	NC8	0,000	0,21	0,18	0,21

Member	css	mat	Case	dx [mm]	un.check [-]	sec.check [-]	stab.check [-]
B549	ALT_PROFIL - RHS	S 235	NC8	0,000	0,22	0,09	0,22
B550	ALT_PROFIL - RHS	S 235	NC4	700,000	0,44	0,44	0,42
B551	ALT_PROFIL - RHS	S 235	NC4	700,000	0,76	0,76	0,71
B552	ALT_PROFIL - RHS	S 235	NC8	0,000	0,64	0,61	0,64
B553	YATAY - CHS	S 235	NC7	1249,990	0,04	0,04	0,00
B554	YATAY - CHS	S 235	NC7	1249,990	0,04	0,04	0,00
B577	DİKME - CFCHS48.3X3	S 235	NC8	50,000	0,53	0,53	0,00
B578	DİKME - CFCHS48.3X3	S 235	NC8	2000,000	0,83	0,83	0,00
B579	DİKME - CFCHS48.3X3	S 235	NC8	110,000	0,70	0,70	0,00
B580	DİKME - CFCHS48.3X3	S 235	NC8	2000,000	0,72	0,72	0,00
B581	DİKME - CFCHS48.3X3	S 235	NC8	110,000	0,73	0,73	0,00
B582	DİKME - CFCHS48.3X3	S 235	NC8	2000,000	0,76	0,76	0,00
B583	DİKME - CFCHS48.3X3	S 235	NC8	110,000	0,76	0,76	0,00
B584	DİKME - CFCHS48.3X3	S 235	NC8	2000,000	0,79	0,79	0,00
B585	DİKME - CFCHS48.3X3	S 235	NC8	110,000	0,80	0,80	0,00
B586	DİKME - CFCHS48.3X3	S 235	NC8	2000,000	0,82	0,82	0,00
B587	DİKME - CFCHS48.3X3	S 235	NC8	110,000	0,87	0,87	0,00
B588	DİKME - CFCHS48.3X3	S 235	NC8	2000,000	0,76	0,76	0,00
B589	DİKME - CFCHS48.3X3	S 235	NC8	2000,000	0,37	0,37	0,00
B590	DİKME - CFCHS48.3X3	S 235	NC8	2000,000	0,56	0,56	0,00
B591	DİKME - CFCHS48.3X3	S 235	NC8	0,000	0,55	0,55	0,00
B592	DİKME - CFCHS48.3X3	S 235	NC8	110,000	0,44	0,44	0,00
B593	DİKME - CFCHS48.3X3	S 235	NC8	0,000	0,49	0,49	0,00
B594	DİKME - CFCHS48.3X3	S 235	NC8	110,000	0,46	0,46	0,00
B595	DİKME - CFCHS48.3X3	S 235	NC8	0,000	0,52	0,52	0,00
B596	DİKME - CFCHS48.3X3	S 235	NC8	110,000	0,48	0,48	0,00
B597	DİKME - CFCHS48.3X3	S 235	NC8	0,000	0,54	0,54	0,00
B598	DİKME - CFCHS48.3X3	S 235	NC8	110,000	0,49	0,49	0,00
B599	DİKME - CFCHS48.3X3	S 235	NC8	2000,000	0,58	0,58	0,00
B600	DİKME - CFCHS48.3X3	S 235	NC8	110,000	0,50	0,50	0,00
B601	ALT_PROFIL - RHS	S 235	NC8	0,000	0,09	0,06	0,09
B602	ALT_PROFIL - RHS	S 235	NC8	0,000	0,36	0,30	0,36
B603	ALT_PROFIL - RHS	S 235	NC8	0,000	0,19	0,10	0,19
B604	ALT_PROFIL - RHS	S 235	NC8	0,000	0,23	0,17	0,23
B605	ALT_PROFIL - RHS	S 235	NC8	0,000	0,19	0,10	0,19
B606	ALT_PROFIL - RHS	S 235	NC8	0,000	0,24	0,18	0,24
B607	ALT_PROFIL - RHS	S 235	NC8	0,000	0,21	0,12	0,21
B608	ALT_PROFIL - RHS	S 235	NC8	0,000	0,24	0,18	0,24
B609	ALT_PROFIL - RHS	S 235	NC8	0,000	0,22	0,13	0,22
B610	ALT_PROFIL - RHS	S 235	NC4	700,000	0,26	0,25	0,26
B611	ALT_PROFIL - RHS	S 235	NC4	700,000	0,41	0,41	0,39
B612	ALT_PROFIL - RHS	S 235	NC8	0,000	0,64	0,59	0,64
B613	YATAY - CHS	S 235	NC7	1249,990	0,04	0,04	0,00
B614	YATAY - CHS	S 235	NC2	1249,990	0,04	0,04	0,00
B637	ÜST_PROFIL - RHS	S 235	NC8	700,000	0,27	0,25	0,27
B638	ÜST_PROFIL - RHS	S 235	NC8	700,000	0,28	0,27	0,28
B639	ÜST_PROFIL - RHS	S 235	NC8	700,000	0,27	0,25	0,27
B640	ÜST_PROFIL - RHS	S 235	NC8	700,000	0,26	0,25	0,26
B641	ÜST_PROFIL - RHS	S 235	NC8	700,000	0,27	0,25	0,27
B642	ÜST_PROFIL - RHS	S 235	NC8	700,000	0,28	0,28	0,28
B643	ÜST_PROFIL - RHS	S 235	NC8	700,000	0,27	0,25	0,27
B644	ÜST_PROFIL - RHS	S 235	NC8	700,000	0,26	0,25	0,26
B645	ÜST_PROFIL - RHS	S 235	NC8	700,000	0,27	0,25	0,27
B646	ÜST_PROFIL - RHS	S 235	NC8	700,000	0,28	0,27	0,28
B647	ÜST_PROFIL - RHS	S 235	NC8	700,000	0,26	0,25	0,26
B648	ÜST_PROFIL - RHS	S 235	NC8	0,000	0,34	0,14	0,34
B649	ÜST_PROFIL - RHS	S 235	NC8	0,000	0,21	0,18	0,21
B650	ÜST_PROFIL - RHS	S 235	NC8	0,000	0,20	0,14	0,20
B651	ÜST_PROFIL - RHS	S 235	NC8	0,000	0,17	0,15	0,17
B652	ÜST_PROFIL - RHS	S 235	NC8	0,000	0,21	0,14	0,21
B653	ÜST_PROFIL - RHS	S 235	NC8	0,000	0,21	0,18	0,21
B654	ÜST_PROFIL - RHS	S 235	NC8	0,000	0,21	0,14	0,21
B655	ÜST_PROFIL - RHS	S 235	NC8	0,000	0,17	0,15	0,17
B656	ÜST_PROFIL - RHS	S 235	NC8	0,000	0,21	0,14	0,21
B657	ÜST_PROFIL - RHS	S 235	NC8	0,000	0,21	0,18	0,21
B658	ÜST_PROFIL - RHS	S 235	NC8	0,000	0,33	0,14	0,33
B758	ÜST_PROFIL - RHS	S 235	NC8	0,000	0,61	0,59	0,61
B759	ÜST_PROFIL - RHS	S 235	NC8	0,000	0,63	0,61	0,63
B760	ÜST_PROFIL - RHS	S 235	NC8	0,000	0,62	0,60	0,62
B761	ÜST_PROFIL - RHS	S 235	NC8	0,000	0,62	0,61	0,62
B762	ÜST_PROFIL - RHS	S 235	NC8	0,000	0,62	0,60	0,62
B763	ÜST_PROFIL - RHS	S 235	NC8	0,000	0,64	0,62	0,64
B764	ÜST_PROFIL - RHS	S 235	NC8	0,000	0,62	0,60	0,62
B765	ÜST_PROFIL - RHS	S 235	NC8	0,000	0,62	0,61	0,62
B766	ÜST_PROFIL - RHS	S 235	NC8	0,000	0,62	0,60	0,62
B767	ÜST_PROFIL - RHS	S 235	NC8	0,000	0,63	0,61	0,63

Member	css	mat	Case	dx [mm]	un.check [-]	sec.check [-]	stab.check [-]
B768	ÜST_PROFIL - RHS	S 235	NC8	0,000	0,61	0,59	0,61
B769	ÜST_PROFIL - RHS	S 235	NC8	700,000	0,10	0,08	0,10
B770	ÜST_PROFIL - RHS	S 235	NC8	700,000	0,11	0,10	0,11
B771	ÜST_PROFIL - RHS	S 235	NC8	700,000	0,10	0,08	0,10
B772	ÜST_PROFIL - RHS	S 235	NC8	700,000	0,10	0,09	0,10
B773	ÜST_PROFIL - RHS	S 235	NC8	700,000	0,10	0,08	0,10
B774	ÜST_PROFIL - RHS	S 235	NC8	700,000	0,11	0,10	0,11
B775	ÜST_PROFIL - RHS	S 235	NC8	700,000	0,10	0,08	0,10
B776	ÜST_PROFIL - RHS	S 235	NC8	700,000	0,10	0,09	0,10
B777	ÜST_PROFIL - RHS	S 235	NC8	700,000	0,10	0,08	0,10
B778	ÜST_PROFIL - RHS	S 235	NC8	700,000	0,11	0,10	0,11
B779	ÜST_PROFIL - RHS	S 235	NC8	700,000	0,10	0,08	0,10
B780	ÜST_PROFIL - RHS	S 235	NC8	0,000	0,26	0,23	0,26
B781	ÜST_PROFIL - RHS	S 235	NC8	0,000	0,30	0,27	0,30
B782	ÜST_PROFIL - RHS	S 235	NC8	0,000	0,26	0,23	0,26
B783	ÜST_PROFIL - RHS	S 235	NC8	0,000	0,26	0,24	0,26
B784	ÜST_PROFIL - RHS	S 235	NC8	0,000	0,26	0,23	0,26
B785	ÜST_PROFIL - RHS	S 235	NC8	0,000	0,30	0,27	0,30
B786	ÜST_PROFIL - RHS	S 235	NC8	0,000	0,26	0,23	0,26
B787	ÜST_PROFIL - RHS	S 235	NC8	0,000	0,26	0,24	0,26
B788	ÜST_PROFIL - RHS	S 235	NC8	0,000	0,26	0,23	0,26
B789	ÜST_PROFIL - RHS	S 235	NC8	0,000	0,30	0,27	0,30
B790	ÜST_PROFIL - RHS	S 235	NC8	0,000	0,28	0,23	0,28
B791	ÜST_PROFIL - RHS	S 235	NC8	700,000	0,11	0,09	0,11
B792	ÜST_PROFIL - RHS	S 235	NC8	700,000	0,12	0,11	0,12
B793	ÜST_PROFIL - RHS	S 235	NC8	700,000	0,11	0,09	0,11
B794	ÜST_PROFIL - RHS	S 235	NC8	700,000	0,10	0,09	0,10
B795	ÜST_PROFIL - RHS	S 235	NC8	700,000	0,11	0,09	0,11
B796	ÜST_PROFIL - RHS	S 235	NC8	700,000	0,11	0,11	0,11
B797	ÜST_PROFIL - RHS	S 235	NC8	700,000	0,11	0,09	0,11
B798	ÜST_PROFIL - RHS	S 235	NC8	700,000	0,10	0,09	0,10
B799	ÜST_PROFIL - RHS	S 235	NC8	700,000	0,11	0,09	0,11
B800	ÜST_PROFIL - RHS	S 235	NC8	700,000	0,12	0,11	0,12
B801	ÜST_PROFIL - RHS	S 235	NC8	700,000	0,11	0,09	0,11
B802	ÜST_PROFIL - RHS	S 235	NC8	0,000	0,27	0,24	0,27
B803	ÜST_PROFIL - RHS	S 235	NC8	0,000	0,31	0,28	0,31
B804	ÜST_PROFIL - RHS	S 235	NC8	0,000	0,27	0,24	0,27
B805	ÜST_PROFIL - RHS	S 235	NC8	0,000	0,28	0,25	0,28
B806	ÜST_PROFIL - RHS	S 235	NC8	0,000	0,27	0,24	0,27
B807	ÜST_PROFIL - RHS	S 235	NC8	0,000	0,32	0,28	0,32
B808	ÜST_PROFIL - RHS	S 235	NC8	0,000	0,27	0,24	0,27
B809	ÜST_PROFIL - RHS	S 235	NC8	0,000	0,28	0,25	0,28
B810	ÜST_PROFIL - RHS	S 235	NC8	0,000	0,27	0,24	0,27
B811	ÜST_PROFIL - RHS	S 235	NC8	0,000	0,31	0,28	0,31
B812	ÜST_PROFIL - RHS	S 235	NC8	0,000	0,28	0,24	0,28
B813	ÜST_PROFIL - RHS	S 235	NC8	700,000	0,10	0,09	0,10
B814	ÜST_PROFIL - RHS	S 235	NC8	700,000	0,12	0,11	0,12
B815	ÜST_PROFIL - RHS	S 235	NC8	700,000	0,11	0,09	0,11
B816	ÜST_PROFIL - RHS	S 235	NC8	700,000	0,10	0,09	0,10
B817	ÜST_PROFIL - RHS	S 235	NC8	700,000	0,11	0,09	0,11
B818	ÜST_PROFIL - RHS	S 235	NC8	700,000	0,11	0,10	0,11
B819	ÜST_PROFIL - RHS	S 235	NC8	700,000	0,11	0,09	0,11
B820	ÜST_PROFIL - RHS	S 235	NC8	700,000	0,10	0,09	0,10
B821	ÜST_PROFIL - RHS	S 235	NC8	700,000	0,11	0,09	0,11
B822	ÜST_PROFIL - RHS	S 235	NC8	700,000	0,12	0,11	0,12
B823	ÜST_PROFIL - RHS	S 235	NC8	700,000	0,10	0,09	0,10
B824	ÜST_PROFIL - RHS	S 235	NC8	0,000	0,29	0,26	0,29
B825	ÜST_PROFIL - RHS	S 235	NC8	0,000	0,33	0,30	0,33
B826	ÜST_PROFIL - RHS	S 235	NC8	0,000	0,29	0,26	0,29
B827	ÜST_PROFIL - RHS	S 235	NC8	0,000	0,29	0,26	0,29
B828	ÜST_PROFIL - RHS	S 235	NC8	0,000	0,29	0,26	0,29
B829	ÜST_PROFIL - RHS	S 235	NC8	0,000	0,34	0,30	0,34
B830	ÜST_PROFIL - RHS	S 235	NC8	0,000	0,29	0,26	0,29
B831	ÜST_PROFIL - RHS	S 235	NC8	0,000	0,29	0,26	0,29
B832	ÜST_PROFIL - RHS	S 235	NC8	0,000	0,29	0,26	0,29
B833	ÜST_PROFIL - RHS	S 235	NC8	0,000	0,33	0,30	0,33
B834	ÜST_PROFIL - RHS	S 235	NC8	0,000	0,30	0,26	0,30
B835	ÜST_PROFIL - RHS	S 235	NC8	700,000	0,10	0,08	0,10
B836	ÜST_PROFIL - RHS	S 235	NC8	700,000	0,12	0,10	0,12
B837	ÜST_PROFIL - RHS	S 235	NC8	700,000	0,11	0,09	0,11
B838	ÜST_PROFIL - RHS	S 235	NC8	700,000	0,10	0,09	0,10
B839	ÜST_PROFIL - RHS	S 235	NC8	700,000	0,10	0,08	0,10
B840	ÜST_PROFIL - RHS	S 235	NC8	700,000	0,11	0,10	0,11
B841	ÜST_PROFIL - RHS	S 235	NC8	700,000	0,10	0,08	0,10
B842	ÜST_PROFIL - RHS	S 235	NC8	700,000	0,10	0,09	0,10
B843	ÜST_PROFIL - RHS	S 235	NC8	700,000	0,11	0,09	0,11

Member	css	mat	Case	dx [mm]	un.check [-]	sec.check [-]	stab.check [-]
B844	ÜST_PROFIL - RHS	S 235	NC8	700,000	0,12	0,10	0,12
B845	ÜST_PROFIL - RHS	S 235	NC8	700,000	0,10	0,08	0,10
B846	ÜST_PROFIL - RHS	S 235	NC8	0,000	0,35	0,31	0,35
B847	ÜST_PROFIL - RHS	S 235	NC8	0,000	0,39	0,35	0,39
B848	ÜST_PROFIL - RHS	S 235	NC8	0,000	0,34	0,31	0,34
B849	ÜST_PROFIL - RHS	S 235	NC8	0,000	0,34	0,31	0,34
B850	ÜST_PROFIL - RHS	S 235	NC8	0,000	0,34	0,31	0,34
B851	ÜST_PROFIL - RHS	S 235	NC8	0,000	0,39	0,35	0,39
B852	ÜST_PROFIL - RHS	S 235	NC8	0,000	0,34	0,31	0,34
B853	ÜST_PROFIL - RHS	S 235	NC8	0,000	0,34	0,31	0,34
B854	ÜST_PROFIL - RHS	S 235	NC8	0,000	0,34	0,31	0,34
B855	ÜST_PROFIL - RHS	S 235	NC8	0,000	0,39	0,35	0,39
B856	ÜST_PROFIL - RHS	S 235	NC8	0,000	0,35	0,31	0,35
B857	ÜST_PROFIL - RHS	S 235	NC8	700,000	0,07	0,05	0,07
B858	ÜST_PROFIL - RHS	S 235	NC8	700,000	0,09	0,07	0,09
B859	ÜST_PROFIL - RHS	S 235	NC8	700,000	0,08	0,05	0,08
B860	ÜST_PROFIL - RHS	S 235	NC8	700,000	0,07	0,05	0,07
B861	ÜST_PROFIL - RHS	S 235	NC8	700,000	0,08	0,05	0,08
B862	ÜST_PROFIL - RHS	S 235	NC8	700,000	0,08	0,06	0,08
B863	ÜST_PROFIL - RHS	S 235	NC8	700,000	0,08	0,05	0,08
B864	ÜST_PROFIL - RHS	S 235	NC8	700,000	0,07	0,05	0,07
B865	ÜST_PROFIL - RHS	S 235	NC8	700,000	0,08	0,05	0,08
B866	ÜST_PROFIL - RHS	S 235	NC8	700,000	0,09	0,07	0,09
B867	ÜST_PROFIL - RHS	S 235	NC8	700,000	0,07	0,05	0,07
PL1	Platform - General cross-section	S 235	NC7	2500,000	0,02	0,00	0,02
PL2	Platform - General cross-section	S 235	NC7	1249,990	0,02	0,02	0,02
B868	YATAY - CHS	S 235	NC8	1249,990	0,04	0,04	0,00
B869	YATAY - CHS	S 235	NC8	1249,990	0,04	0,04	0,00
B870	YATAY - CHS	S 235	NC7	1249,990	0,04	0,04	0,00
B871	YATAY - CHS	S 235	NC7	1249,990	0,04	0,04	0,00
B872	YATAY - CHS	S 235	NC8	1249,990	0,04	0,04	0,00
B873	YATAY - CHS	S 235	NC8	1249,990	0,04	0,04	0,00
B874	YATAY - CHS	S 235	NC7	1249,990	0,04	0,04	0,00
B875	YATAY - CHS	S 235	NC7	1249,990	0,04	0,04	0,00
B876	YATAY - CHS	S 235	NC8	1249,990	0,04	0,04	0,00
B877	YATAY - CHS	S 235	NC8	1249,990	0,04	0,04	0,00
B878	YATAY - CHS	S 235	NC7	1249,990	0,04	0,04	0,00
B879	YATAY - CHS	S 235	NC7	1249,990	0,04	0,04	0,00
B880	YATAY - CHS	S 235	NC7	1249,990	0,04	0,04	0,00
B881	YATAY - CHS	S 235	NC7	1249,990	0,04	0,04	0,00
B882	YATAY - CHS	S 235	NC8	1249,990	0,04	0,04	0,00
B883	YATAY - CHS	S 235	NC7	1249,990	0,04	0,04	0,00
B884	YATAY - CHS	S 235	NC7	1249,990	0,04	0,04	0,00
B885	YATAY - CHS	S 235	NC8	1249,990	0,04	0,04	0,00
B886	YATAY - CHS	S 235	NC8	1249,990	0,04	0,04	0,00
B887	YATAY - CHS	S 235	NC7	1249,990	0,04	0,04	0,00
B888	YATAY - CHS	S 235	NC8	1249,990	0,04	0,04	0,00
B889	YATAY - CHS	S 235	NC8	1249,990	0,04	0,04	0,00
B890	YATAY - CHS	S 235	NC8	1249,990	0,04	0,04	0,00
B891	YATAY - CHS	S 235	NC8	1249,990	0,04	0,04	0,00
B892	YATAY - CHS	S 235	NC5	1249,990	0,04	0,04	0,00
B893	YATAY - CHS	S 235	NC7	1249,990	0,04	0,04	0,00
B894	YATAY - CHS	S 235	NC3	1249,990	0,04	0,04	0,00
B895	YATAY - CHS	S 235	NC7	1249,990	0,04	0,04	0,00
B896	YATAY - CHS	S 235	NC8	1249,990	0,04	0,04	0,00
B897	YATAY - CHS	S 235	NC8	1249,990	0,04	0,04	0,00
B898	YATAY - CHS	S 235	NC8	1249,990	0,04	0,04	0,00
B899	YATAY - CHS	S 235	NC8	1249,990	0,04	0,04	0,00
B900	YATAY - CHS	S 235	NC3	1249,990	0,04	0,04	0,00
B901	YATAY - CHS	S 235	NC7	1249,990	0,04	0,04	0,00
B902	YATAY - CHS	S 235	NC5	1249,990	0,04	0,04	0,00
B903	YATAY - CHS	S 235	NC7	1249,990	0,04	0,04	0,00
B904	YATAY - CHS	S 235	NC8	1249,990	0,04	0,04	0,00
B905	YATAY - CHS	S 235	NC8	1249,990	0,04	0,04	0,00
B906	YATAY - CHS	S 235	NC8	1249,990	0,04	0,04	0,00
B907	YATAY - CHS	S 235	NC8	1249,990	0,04	0,04	0,00
B908	YATAY - CHS	S 235	NC7	1249,990	0,04	0,04	0,00
B909	YATAY - CHS	S 235	NC7	1249,990	0,04	0,04	0,00
B910	YATAY - CHS	S 235	NC7	1249,990	0,04	0,04	0,00
B911	YATAY - CHS	S 235	NC2	1249,990	0,04	0,04	0,00
B912	YATAY - CHS	S 235	NC5	1249,990	0,04	0,04	0,00
B913	YATAY - CHS	S 235	NC7	1249,990	0,04	0,04	0,00
B914	YATAY - CHS	S 235	NC3	1249,990	0,04	0,04	0,00
B915	YATAY - CHS	S 235	NC7	1249,990	0,04	0,04	0,00
B916	YATAY - CHS	S 235	NC7	1249,990	0,04	0,04	0,00
B917	YATAY - CHS	S 235	NC2	1249,990	0,04	0,04	0,00

Member	css	mat	Case	dx [mm]	un.check [-]	sec.check [-]	stab.check [-]
B918	YATAY - CHS	S 235	NC7	1249,990	0,04	0,04	0,00
B919	YATAY - CHS	S 235	NC2	1249,990	0,04	0,04	0,00
B920	YATAY - CHS	S 235	NC5	1249,990	0,04	0,04	0,00
B921	YATAY - CHS	S 235	NC7	1249,990	0,04	0,04	0,00
B922	YATAY - CHS	S 235	NC5	1249,990	0,04	0,04	0,00
B923	YATAY - CHS	S 235	NC7	1249,990	0,04	0,04	0,00
B924	YATAY - CHS	S 235	NC4	1249,990	0,04	0,04	0,00
B925	YATAY - CHS	S 235	NC7	1249,990	0,04	0,04	0,00
B926	YATAY - CHS	S 235	NC4	1249,990	0,04	0,04	0,00
B927	YATAY - CHS	S 235	NC2	1249,990	0,04	0,04	0,00
B928	YATAY - CHS	S 235	NC8	1249,990	0,04	0,04	0,00
B929	YATAY - CHS	S 235	NC8	1249,990	0,04	0,04	0,00
B930	YATAY - CHS	S 235	NC8	1249,990	0,04	0,04	0,00
B931	YATAY - CHS	S 235	NC8	1249,990	0,04	0,04	0,00
B932	YATAY - CHS	S 235	NC5	1249,990	0,04	0,04	0,00
B933	YATAY - CHS	S 235	NC7	1249,990	0,04	0,04	0,00
B934	YATAY - CHS	S 235	NC5	1249,990	0,04	0,04	0,00
B935	YATAY - CHS	S 235	NC7	1249,990	0,04	0,04	0,00
B936	YATAY - CHS	S 235	NC8	1249,990	0,04	0,04	0,00
B937	YATAY - CHS	S 235	NC8	1249,990	0,04	0,04	0,00
B938	YATAY - CHS	S 235	NC8	1249,990	0,04	0,04	0,00
B939	YATAY - CHS	S 235	NC8	1249,990	0,04	0,04	0,00
B940	YATAY - CHS	S 235	NC3	1249,990	0,04	0,04	0,00
B941	YATAY - CHS	S 235	NC7	1249,990	0,04	0,04	0,00
B942	YATAY - CHS	S 235	NC3	1249,990	0,04	0,04	0,00
B943	YATAY - CHS	S 235	NC7	1249,990	0,04	0,04	0,00
B944	YATAY - CHS	S 235	NC8	1249,990	0,04	0,04	0,00
B945	YATAY - CHS	S 235	NC8	1249,990	0,04	0,04	0,00
B946	YATAY - CHS	S 235	NC8	1249,990	0,04	0,04	0,00
B947	YATAY - CHS	S 235	NC8	1249,990	0,04	0,04	0,00
B948	YATAY - CHS	S 235	NC7	1249,990	0,04	0,04	0,00
B949	YATAY - CHS	S 235	NC7	1249,990	0,04	0,04	0,00
B950	YATAY - CHS	S 235	NC7	1249,990	0,04	0,04	0,00
B951	YATAY - CHS	S 235	NC7	1249,990	0,04	0,04	0,00
B952	YATAY - CHS	S 235	NC5	1249,990	0,04	0,04	0,00
B953	YATAY - CHS	S 235	NC7	1249,990	0,04	0,04	0,00
B954	YATAY - CHS	S 235	NC5	1249,990	0,04	0,04	0,00
B955	YATAY - CHS	S 235	NC7	1249,990	0,04	0,04	0,00
B956	YATAY - CHS	S 235	NC4	1249,990	0,04	0,04	0,00
B957	YATAY - CHS	S 235	NC7	1249,990	0,04	0,04	0,00
B958	YATAY - CHS	S 235	NC4	1249,990	0,04	0,04	0,00
B959	YATAY - CHS	S 235	NC7	1249,990	0,04	0,04	0,00
B960	YATAY - CHS	S 235	NC5	1249,990	0,04	0,04	0,00
B961	YATAY - CHS	S 235	NC7	1249,990	0,04	0,04	0,00
B962	YATAY - CHS	S 235	NC5	1249,990	0,04	0,04	0,00
B963	YATAY - CHS	S 235	NC7	1249,990	0,04	0,04	0,00
B964	YATAY - CHS	S 235	NC4	1249,990	0,04	0,04	0,00
B965	YATAY - CHS	S 235	NC7	1249,990	0,04	0,04	0,00
B966	YATAY - CHS	S 235	NC4	1249,990	0,04	0,04	0,00
B967	YATAY - CHS	S 235	NC8	1249,990	0,04	0,04	0,00
B968	YATAY - CHS	S 235	NC8	1249,990	0,04	0,04	0,00
B969	YATAY - CHS	S 235	NC8	1249,990	0,04	0,04	0,00
B970	YATAY - CHS	S 235	NC8	1249,990	0,04	0,04	0,00
B971	YATAY - CHS	S 235	NC8	1249,990	0,04	0,04	0,00
B972	YATAY - CHS	S 235	NC5	1249,990	0,04	0,04	0,00
B973	YATAY - CHS	S 235	NC7	1249,990	0,04	0,04	0,00
B974	YATAY - CHS	S 235	NC5	1249,990	0,04	0,04	0,00
B975	YATAY - CHS	S 235	NC7	1249,990	0,04	0,04	0,00
B976	YATAY - CHS	S 235	NC8	1249,990	0,04	0,04	0,00
B977	YATAY - CHS	S 235	NC8	1249,990	0,04	0,04	0,00
B978	YATAY - CHS	S 235	NC8	1249,990	0,04	0,04	0,00
B979	YATAY - CHS	S 235	NC8	1249,990	0,04	0,04	0,00
B980	YATAY - CHS	S 235	NC5	1249,990	0,04	0,04	0,00
B981	YATAY - CHS	S 235	NC7	1249,990	0,04	0,04	0,00
B982	YATAY - CHS	S 235	NC5	1249,990	0,04	0,04	0,00
B983	YATAY - CHS	S 235	NC7	1249,990	0,04	0,04	0,00
B984	YATAY - CHS	S 235	NC8	1249,990	0,04	0,04	0,00
B985	YATAY - CHS	S 235	NC8	1249,990	0,04	0,04	0,00
B986	YATAY - CHS	S 235	NC8	1249,990	0,04	0,04	0,00
B987	YATAY - CHS	S 235	NC8	1249,990	0,04	0,04	0,00
B988	YATAY - CHS	S 235	NC4	1249,990	0,04	0,04	0,00
B989	YATAY - CHS	S 235	NC7	1249,990	0,04	0,04	0,00
B990	YATAY - CHS	S 235	NC4	1249,990	0,04	0,04	0,00
B991	YATAY - CHS	S 235	NC7	1249,990	0,04	0,04	0,00
B992	YATAY - CHS	S 235	NC5	1249,990	0,04	0,04	0,00
B993	YATAY - CHS	S 235	NC7	1249,990	0,04	0,04	0,00

Member	css	mat	Case	dx [mm]	un.check [-]	sec.check [-]	stab.check [-]
B994	YATAY - CHS	S 235	NC5	1249,990	0,04	0,04	0,00
B995	YATAY - CHS	S 235	NC7	1249,990	0,04	0,04	0,00
B996	YATAY - CHS	S 235	NC4	1249,990	0,04	0,04	0,00
B997	YATAY - CHS	S 235	NC7	1249,990	0,04	0,04	0,00
B998	YATAY - CHS	S 235	NC4	1249,990	0,04	0,04	0,00
B999	YATAY - CHS	S 235	NC7	1249,990	0,04	0,04	0,00
B1000	YATAY - CHS	S 235	NC5	1249,990	0,04	0,04	0,00
B1001	YATAY - CHS	S 235	NC7	1249,990	0,04	0,04	0,00
B1002	YATAY - CHS	S 235	NC5	1249,990	0,04	0,04	0,00
B1003	YATAY - CHS	S 235	NC7	1249,990	0,04	0,04	0,00
B1004	YATAY - CHS	S 235	NC4	1249,990	0,04	0,04	0,00
B1005	YATAY - CHS	S 235	NC7	1249,990	0,04	0,04	0,00
B1006	YATAY - CHS	S 235	NC4	1249,990	0,04	0,04	0,00
B1007	YATAY - CHS	S 235	NC7	1249,990	0,04	0,04	0,00
B1008	YATAY - CHS	S 235	NC8	1249,990	0,04	0,04	0,00
B1009	YATAY - CHS	S 235	NC8	1249,990	0,04	0,04	0,00
B1010	YATAY - CHS	S 235	NC8	1249,990	0,04	0,04	0,00
B1011	YATAY - CHS	S 235	NC8	1249,990	0,04	0,04	0,00
B1012	YATAY - CHS	S 235	NC5	1249,990	0,04	0,04	0,00
B1013	YATAY - CHS	S 235	NC7	1249,990	0,04	0,04	0,00
B1014	YATAY - CHS	S 235	NC5	1249,990	0,04	0,04	0,00
B1015	YATAY - CHS	S 235	NC7	1249,990	0,04	0,04	0,00
B1016	YATAY - CHS	S 235	NC8	1249,990	0,04	0,04	0,00
B1017	YATAY - CHS	S 235	NC8	1249,990	0,04	0,04	0,00
B1018	YATAY - CHS	S 235	NC8	1249,990	0,04	0,04	0,00
B1019	YATAY - CHS	S 235	NC8	1249,990	0,04	0,04	0,00
B1020	YATAY - CHS	S 235	NC3	1249,990	0,04	0,04	0,00
B1021	YATAY - CHS	S 235	NC7	1249,990	0,04	0,04	0,00
B1022	YATAY - CHS	S 235	NC5	1249,990	0,04	0,04	0,00
B1023	YATAY - CHS	S 235	NC7	1249,990	0,04	0,04	0,00
B1024	YATAY - CHS	S 235	NC8	1249,990	0,04	0,04	0,00
B1025	YATAY - CHS	S 235	NC8	1249,990	0,04	0,04	0,00
B1026	YATAY - CHS	S 235	NC8	1249,990	0,04	0,04	0,00
B1027	YATAY - CHS	S 235	NC8	1249,990	0,04	0,04	0,00
B1028	YATAY - CHS	S 235	NC4	1249,990	0,04	0,04	0,00
B1029	YATAY - CHS	S 235	NC7	1249,990	0,04	0,04	0,00
B1030	YATAY - CHS	S 235	NC4	1249,990	0,04	0,04	0,00
B1031	YATAY - CHS	S 235	NC7	1249,990	0,04	0,04	0,00
B1032	YATAY - CHS	S 235	NC3	1249,990	0,04	0,04	0,00
B1033	YATAY - CHS	S 235	NC7	1249,990	0,04	0,04	0,00
B1034	YATAY - CHS	S 235	NC5	1249,990	0,04	0,04	0,00
B1035	YATAY - CHS	S 235	NC7	1249,990	0,04	0,04	0,00
B1036	YATAY - CHS	S 235	NC4	1249,990	0,04	0,04	0,00
B1037	YATAY - CHS	S 235	NC7	1249,990	0,04	0,04	0,00
B1038	YATAY - CHS	S 235	NC4	1249,990	0,04	0,04	0,00
B1039	YATAY - CHS	S 235	NC7	1249,990	0,04	0,04	0,00
B1040	YATAY - CHS	S 235	NC3	1249,990	0,04	0,04	0,00
B1041	YATAY - CHS	S 235	NC7	1249,990	0,04	0,04	0,00
B1042	YATAY - CHS	S 235	NC5	1249,990	0,04	0,04	0,00
B1043	YATAY - CHS	S 235	NC7	1249,990	0,04	0,04	0,00
B1044	YATAY - CHS	S 235	NC4	1249,990	0,04	0,04	0,00
B1045	YATAY - CHS	S 235	NC7	1249,990	0,04	0,04	0,00
B1046	YATAY - CHS	S 235	NC4	1249,990	0,04	0,04	0,00
B1047	YATAY - CHS	S 235	NC7	1249,990	0,04	0,04	0,00
B1048	YATAY - CHS	S 235	NC8	1249,990	0,04	0,04	0,00
B1049	YATAY - CHS	S 235	NC8	1249,990	0,04	0,04	0,00
B1050	YATAY - CHS	S 235	NC8	1249,990	0,04	0,04	0,00
B1051	YATAY - CHS	S 235	NC8	1249,990	0,04	0,04	0,00
B1052	YATAY - CHS	S 235	NC4	1249,990	0,04	0,04	0,00
B1053	YATAY - CHS	S 235	NC7	1249,990	0,04	0,04	0,00
B1054	YATAY - CHS	S 235	NC4	1249,990	0,04	0,04	0,00
B1055	YATAY - CHS	S 235	NC7	1249,990	0,04	0,04	0,00
B1056	YATAY - CHS	S 235	NC8	1249,990	0,04	0,04	0,00
B1057	YATAY - CHS	S 235	NC8	1249,990	0,04	0,04	0,00
B1058	YATAY - CHS	S 235	NC8	1249,990	0,04	0,04	0,00
B1059	YATAY - CHS	S 235	NC8	1249,990	0,04	0,04	0,00
B1060	YATAY - CHS	S 235	NC4	1249,990	0,04	0,04	0,00
B1061	YATAY - CHS	S 235	NC7	1249,990	0,04	0,04	0,00
B1062	YATAY - CHS	S 235	NC4	1249,990	0,04	0,04	0,00
B1063	YATAY - CHS	S 235	NC7	1249,990	0,04	0,04	0,00
B1064	YATAY - CHS	S 235	NC8	1249,990	0,04	0,04	0,00
B1065	YATAY - CHS	S 235	NC8	1249,990	0,04	0,04	0,00
B1066	YATAY - CHS	S 235	NC8	1249,990	0,04	0,04	0,00
B1067	YATAY - CHS	S 235	NC8	1249,990	0,04	0,04	0,00
B1068	YATAY - CHS	S 235	NC5	1249,990	0,04	0,04	0,00
B1069	YATAY - CHS	S 235	NC7	1249,990	0,04	0,04	0,00

Member	css	mat	Case	dx [mm]	un.check [-]	sec.check [-]	stab.check [-]
B1070	YATAY - CHS	S 235	NC5	1249,990	0,04	0,04	0,00
B1071	YATAY - CHS	S 235	NC7	1249,990	0,04	0,04	0,00
B1072	YATAY - CHS	S 235	NC4	1249,990	0,04	0,04	0,00
B1073	YATAY - CHS	S 235	NC7	1249,990	0,04	0,04	0,00
B1074	YATAY - CHS	S 235	NC4	1249,990	0,04	0,04	0,00
B1075	YATAY - CHS	S 235	NC7	1249,990	0,04	0,04	0,00
B1076	YATAY - CHS	S 235	NC5	1249,990	0,04	0,04	0,00
B1077	YATAY - CHS	S 235	NC7	1249,990	0,04	0,04	0,00
B1078	YATAY - CHS	S 235	NC5	1249,990	0,04	0,04	0,00
B1079	YATAY - CHS	S 235	NC7	1249,990	0,04	0,04	0,00
B1080	YATAY - CHS	S 235	NC4	1249,990	0,04	0,04	0,00
B1081	YATAY - CHS	S 235	NC7	1249,990	0,04	0,04	0,00
B1082	YATAY - CHS	S 235	NC4	1249,990	0,04	0,04	0,00
B1083	YATAY - CHS	S 235	NC7	1249,990	0,04	0,04	0,00
B1084	YATAY - CHS	S 235	NC5	1249,990	0,04	0,04	0,00
B1085	YATAY - CHS	S 235	NC7	1249,990	0,04	0,04	0,00
B1086	YATAY - CHS	S 235	NC3	1249,990	0,04	0,04	0,00
B1087	YATAY - CHS	S 235	NC8	1249,990	0,04	0,04	0,00
PL3	Platform - General cross-section	S 235	NC7	1249,990	0,02	0,02	0,02
PL4	Platform - General cross-section	S 235	NC8	1249,990	0,02	0,02	0,02
PL5	Platform - General cross-section	S 235	NC8	1250,010	0,02	0,02	0,02
PL6	Platform - General cross-section	S 235	NC8	1250,010	0,02	0,02	0,02
PL7	Platform - General cross-section	S 235	NC8	1249,990	0,02	0,02	0,02
PL8	Platform - General cross-section	S 235	NC8	1249,990	0,02	0,02	0,02
PL9	Platform - General cross-section	S 235	NC8	1249,990	0,02	0,02	0,02
PL10	Platform - General cross-section	S 235	NC8	1250,010	0,02	0,02	0,02
PL11	Platform - General cross-section	S 235	NC8	1249,990	0,02	0,02	0,02
PL12	Platform - General cross-section	S 235	NC8	1249,990	0,02	0,02	0,02
PL13	Platform - General cross-section	S 235	NC8	1250,010	0,02	0,02	0,02
PL14	Platform - General cross-section	S 235	NC8	1250,010	0,02	0,02	0,02
PL15	Platform - General cross-section	S 235	NC8	1249,990	0,02	0,02	0,02
PL16	Platform - General cross-section	S 235	NC8	1249,990	0,02	0,02	0,02
PL17	Platform - General cross-section	S 235	NC8	1249,990	0,02	0,02	0,02
PL18	Platform - General cross-section	S 235	NC8	1250,010	0,02	0,02	0,02
PL19	Platform - General cross-section	S 235	NC2	1249,990	0,02	0,02	0,02
PL20	Platform - General cross-section	S 235	NC8	1249,990	0,02	0,02	0,02
PL21	Platform - General cross-section	S 235	NC8	2500,000	0,02	0,00	0,02
PL22	Platform - General cross-section	S 235	NC8	1249,990	0,02	0,02	0,02
PL23	Platform - General cross-section	S 235	NC8	1249,990	0,02	0,02	0,02
PL24	Platform - General cross-section	S 235	NC9	1249,990	0,02	0,02	0,02
PL25	Platform - General cross-section	S 235	NC8	1249,990	0,02	0,02	0,02
PL26	Platform - General cross-section	S 235	NC8	1249,990	0,02	0,02	0,02
PL27	Platform - General cross-section	S 235	NC8	1250,010	0,02	0,02	0,02
PL28	Platform - General cross-section	S 235	NC8	1250,010	0,02	0,02	0,02
PL29	Platform - General cross-section	S 235	NC8	1250,010	0,02	0,02	0,02
PL30	Platform - General cross-section	S 235	NC7	1249,990	0,02	0,02	0,02
PL31	Platform - General cross-section	S 235	NC8	1249,990	0,02	0,02	0,02
PL32	Platform - General cross-section	S 235	NC7	1250,010	0,02	0,02	0,02
PL33	Platform - General cross-section	S 235	NC7	1249,990	0,02	0,02	0,02
PL34	Platform - General cross-section	S 235	NC7	1249,990	0,02	0,02	0,02
PL35	Platform - General cross-section	S 235	NC8	1250,010	0,02	0,02	0,02
PL36	Platform - General cross-section	S 235	NC8	1250,010	0,02	0,02	0,02
PL37	Platform - General cross-section	S 235	NC7	1250,010	0,02	0,02	0,02
PL38	Platform - General cross-section	S 235	NC7	1875,000	0,02	0,02	0,02
PL39	Platform - General cross-section	S 235	NC8	1249,990	0,02	0,02	0,02
PL40	Platform - General cross-section	S 235	NC8	1249,990	0,02	0,02	0,02
PL41	Platform - General cross-section	S 235	NC8	2500,000	0,02	0,00	0,02
PL42	Platform - General cross-section	S 235	NC8	2500,000	0,02	0,00	0,02
PL43	Platform - General cross-section	S 235	NC8	1249,990	0,02	0,02	0,02
PL44	Platform - General cross-section	S 235	NC8	1249,990	0,02	0,02	0,02
PL45	Platform - General cross-section	S 235	NC8	1250,010	0,02	0,02	0,02
PL46	Platform - General cross-section	S 235	NC8	2031,250	0,02	0,01	0,02
PL47	Platform - General cross-section	S 235	NC8	1249,990	0,02	0,02	0,02
PL48	Platform - General cross-section	S 235	NC8	1249,990	0,02	0,02	0,02
PL49	Platform - General cross-section	S 235	NC8	1250,010	0,02	0,02	0,02
PL50	Platform - General cross-section	S 235	NC8	2500,000	0,02	0,00	0,02
PL51	Platform - General cross-section	S 235	NC8	1249,990	0,02	0,02	0,02
PL52	Platform - General cross-section	S 235	NC8	1249,990	0,02	0,02	0,02
PL53	Platform - General cross-section	S 235	NC8	1250,010	0,02	0,02	0,02
PL54	Platform - General cross-section	S 235	NC8	1250,010	0,02	0,02	0,02
PL55	Platform - General cross-section	S 235	NC8	1249,990	0,02	0,02	0,02
PL56	Platform - General cross-section	S 235	NC8	1249,990	0,02	0,02	0,02
PL57	Platform - General cross-section	S 235	NC8	2343,750	0,02	0,01	0,02
PL58	Platform - General cross-section	S 235	NC8	2500,000	0,02	0,00	0,02
PL59	Platform - General cross-section	S 235	NC8	1249,990	0,02	0,02	0,02
PL60	Platform - General cross-section	S 235	NC8	1249,990	0,02	0,02	0,02

Member	css	mat	Case	dx [mm]	un.check [-]	sec.check [-]	stab.check [-]
PL61	Platform - General cross-section	S 235	NC8	1250,010	0,02	0,02	0,02
PL62	Platform - General cross-section	S 235	NC7	2500,000	0,02	0,00	0,02
PL63	Platform - General cross-section	S 235	NC8	1249,990	0,02	0,02	0,02
PL64	Platform - General cross-section	S 235	NC7	1249,990	0,02	0,02	0,02
PL65	Platform - General cross-section	S 235	NC8	1249,990	0,02	0,02	0,02
PL66	Platform - General cross-section	S 235	NC1	2031,250	0,02	0,01	0,02
PL67	Platform - General cross-section	S 235	NC8	1250,010	0,02	0,02	0,02
PL68	Platform - General cross-section	S 235	NC8	1250,010	0,02	0,02	0,02
PL69	Platform - General cross-section	S 235	NC7	2343,750	0,02	0,01	0,02
PL70	Platform - General cross-section	S 235	NC7	2500,000	0,02	0,00	0,02
PL71	Platform - General cross-section	S 235	NC8	1249,990	0,02	0,02	0,02
PL72	Platform - General cross-section	S 235	NC7	1250,010	0,02	0,02	0,02
PL73	Platform - General cross-section	S 235	NC7	1249,990	0,02	0,02	0,02
PL74	Platform - General cross-section	S 235	NC7	1249,990	0,02	0,02	0,02
PL75	Platform - General cross-section	S 235	NC8	1250,010	0,02	0,02	0,02
PL76	Platform - General cross-section	S 235	NC8	1250,010	0,02	0,02	0,02
PL77	Platform - General cross-section	S 235	NC7	1250,010	0,02	0,02	0,02
PL78	Platform - General cross-section	S 235	NC5	2343,750	0,02	0,01	0,02
PL79	Platform - General cross-section	S 235	NC8	1249,990	0,02	0,02	0,02
PL80	Platform - General cross-section	S 235	NC7	1249,990	0,02	0,02	0,02
PL81	Platform - General cross-section	S 235	NC8	2500,000	0,02	0,00	0,02
PL82	Platform - General cross-section	S 235	NC8	2500,000	0,02	0,00	0,02
PL83	Platform - General cross-section	S 235	NC8	1250,010	0,02	0,02	0,02
PL84	Platform - General cross-section	S 235	NC8	1249,990	0,02	0,02	0,02
PL85	Platform - General cross-section	S 235	NC8	1250,010	0,02	0,02	0,02
PL86	Platform - General cross-section	S 235	NC8	2343,750	0,02	0,01	0,02
PL87	Platform - General cross-section	S 235	NC8	1249,990	0,02	0,02	0,02
PL88	Platform - General cross-section	S 235	NC8	1249,990	0,02	0,02	0,02
PL89	Platform - General cross-section	S 235	NC8	2500,000	0,02	0,00	0,02
PL90	Platform - General cross-section	S 235	NC8	2500,000	0,02	0,00	0,02
PL91	Platform - General cross-section	S 235	NC8	1249,990	0,02	0,02	0,02
PL92	Platform - General cross-section	S 235	NC8	1249,990	0,02	0,02	0,02
PL93	Platform - General cross-section	S 235	NC8	1250,010	0,02	0,02	0,02
PL94	Platform - General cross-section	S 235	NC8	1250,010	0,02	0,02	0,02
PL95	Platform - General cross-section	S 235	NC8	1249,990	0,02	0,02	0,02
PL96	Platform - General cross-section	S 235	NC8	1249,990	0,02	0,02	0,02
PL97	Platform - General cross-section	S 235	NC8	2500,000	0,02	0,00	0,02
PL98	Platform - General cross-section	S 235	NC8	2500,000	0,02	0,00	0,02
PL99	Platform - General cross-section	S 235	NC8	1249,990	0,02	0,02	0,02
PL100	Platform - General cross-section	S 235	NC8	1249,990	0,02	0,02	0,02
PL101	Platform - General cross-section	S 235	NC8	1250,010	0,02	0,02	0,02
PL102	Platform - General cross-section	S 235	NC7	2500,000	0,02	0,00	0,02
PL103	Platform - General cross-section	S 235	NC8	1249,990	0,02	0,02	0,02
PL104	Platform - General cross-section	S 235	NC3	2343,750	0,02	0,01	0,02
PL105	Platform - General cross-section	S 235	NC8	1249,990	0,02	0,02	0,02
PL106	Platform - General cross-section	S 235	NC8	2500,000	0,02	0,00	0,02
PL107	Platform - General cross-section	S 235	NC8	1250,010	0,02	0,02	0,02
PL108	Platform - General cross-section	S 235	NC1	2500,000	0,02	0,00	0,02
PL109	Platform - General cross-section	S 235	NC7	2343,750	0,02	0,01	0,02
PL110	Platform - General cross-section	S 235	NC7	2500,000	0,02	0,00	0,02
PL111	Platform - General cross-section	S 235	NC8	1249,990	0,02	0,02	0,02
PL112	Platform - General cross-section	S 235	NC4	1249,990	0,02	0,02	0,02
PL113	Platform - General cross-section	S 235	NC8	1249,990	0,02	0,02	0,02
PL114	Platform - General cross-section	S 235	NC1	1249,990	0,02	0,02	0,02
PL115	Platform - General cross-section	S 235	NC8	1250,010	0,02	0,02	0,02
PL116	Platform - General cross-section	S 235	NC1	1250,010	0,02	0,02	0,02
PL117	Platform - General cross-section	S 235	NC7	1250,010	0,02	0,02	0,02
PL118	Platform - General cross-section	S 235	NC3	1250,010	0,02	0,02	0,02
PL119	Platform - General cross-section	S 235	NC8	1249,990	0,02	0,02	0,02
PL120	Platform - General cross-section	S 235	NC5	1249,990	0,02	0,02	0,02
PL121	Platform - General cross-section	S 235	NC7	2500,000	0,02	0,00	0,02
PL122	Platform - General cross-section	S 235	NC8	2500,000	0,02	0,00	0,02
PL123	Platform - General cross-section	S 235	NC8	1249,990	0,02	0,02	0,02
PL124	Platform - General cross-section	S 235	NC8	1249,990	0,02	0,02	0,02
PL125	Platform - General cross-section	S 235	NC8	1250,010	0,02	0,02	0,02
PL126	Platform - General cross-section	S 235	NC8	2343,750	0,02	0,01	0,02
PL127	Platform - General cross-section	S 235	NC8	1249,990	0,02	0,02	0,02
PL128	Platform - General cross-section	S 235	NC8	2187,500	0,02	0,01	0,02
PL129	Platform - General cross-section	S 235	NC8	2500,000	0,02	0,00	0,02
PL130	Platform - General cross-section	S 235	NC8	1406,250	0,02	0,02	0,02
PL131	Platform - General cross-section	S 235	NC8	1249,990	0,02	0,02	0,02
PL132	Platform - General cross-section	S 235	NC8	1249,990	0,02	0,02	0,02
PL133	Platform - General cross-section	S 235	NC8	1250,010	0,02	0,02	0,02
PL134	Platform - General cross-section	S 235	NC8	1250,010	0,02	0,02	0,02
PL135	Platform - General cross-section	S 235	NC8	1249,990	0,02	0,02	0,02
PL136	Platform - General cross-section	S 235	NC8	1249,990	0,02	0,02	0,02

Member	css	mat	Case	dx [mm]	un.check [-]	sec.check [-]	stab.check [-]
PL137	Platform - General cross-section	S 235	NC8	2500,000	0,02	0,00	0,02
PL138	Platform - General cross-section	S 235	NC8	1250,010	0,02	0,02	0,02
PL139	Platform - General cross-section	S 235	NC8	1249,990	0,02	0,02	0,02
PL140	Platform - General cross-section	S 235	NC8	1249,990	0,02	0,02	0,02
PL141	Platform - General cross-section	S 235	NC8	1250,010	0,02	0,02	0,02
PL142	Platform - General cross-section	S 235	NC7	2500,000	0,02	0,00	0,02
PL143	Platform - General cross-section	S 235	NC8	1249,990	0,02	0,02	0,02
PL144	Platform - General cross-section	S 235	NC5	2500,000	0,02	0,00	0,02
PL145	Platform - General cross-section	S 235	NC8	1249,990	0,02	0,02	0,02
PL146	Platform - General cross-section	S 235	NC8	2500,000	0,02	0,00	0,02
PL147	Platform - General cross-section	S 235	NC8	1250,010	0,02	0,02	0,02
PL148	Platform - General cross-section	S 235	NC8	2031,250	0,02	0,01	0,02
PL149	Platform - General cross-section	S 235	NC8	1250,010	0,02	0,02	0,02
PL150	Platform - General cross-section	S 235	NC7	2500,000	0,02	0,00	0,02
PL151	Platform - General cross-section	S 235	NC8	1249,990	0,02	0,02	0,02
PL152	Platform - General cross-section	S 235	NC4	1249,990	0,02	0,02	0,02
PL153	Platform - General cross-section	S 235	NC8	1249,990	0,02	0,02	0,02
PL154	Platform - General cross-section	S 235	NC1	1249,990	0,02	0,02	0,02
PL155	Platform - General cross-section	S 235	NC8	1250,010	0,02	0,02	0,02
PL156	Platform - General cross-section	S 235	NC1	1250,010	0,02	0,02	0,02
PL157	Platform - General cross-section	S 235	NC7	1250,010	0,02	0,02	0,02
PL158	Platform - General cross-section	S 235	NC3	1250,010	0,02	0,02	0,02
PL159	Platform - General cross-section	S 235	NC8	1249,990	0,02	0,02	0,02
PL160	Platform - General cross-section	S 235	NC4	1249,990	0,02	0,02	0,02
PL161	Platform - General cross-section	S 235	NC7	2500,000	0,02	0,00	0,02
PL162	Platform - General cross-section	S 235	NC8	2500,000	0,02	0,00	0,02
PL163	Platform - General cross-section	S 235	NC8	1250,010	0,02	0,02	0,02
PL164	Platform - General cross-section	S 235	NC8	1249,990	0,02	0,02	0,02
PL165	Platform - General cross-section	S 235	NC8	1250,010	0,02	0,02	0,02
PL166	Platform - General cross-section	S 235	NC8	2500,000	0,02	0,00	0,02
PL167	Platform - General cross-section	S 235	NC8	1249,990	0,02	0,02	0,02
PL168	Platform - General cross-section	S 235	NC8	2031,250	0,02	0,01	0,02
PL169	Platform - General cross-section	S 235	NC9	2500,000	0,02	0,00	0,02
PL170	Platform - General cross-section	S 235	NC8	1406,250	0,02	0,02	0,02
PL171	Platform - General cross-section	S 235	NC9	1249,990	0,02	0,02	0,02
PL172	Platform - General cross-section	S 235	NC8	1249,990	0,02	0,02	0,02
PL173	Platform - General cross-section	S 235	NC8	1250,010	0,02	0,02	0,02
PL174	Platform - General cross-section	S 235	NC8	1250,010	0,02	0,02	0,02
PL175	Platform - General cross-section	S 235	NC8	1249,990	0,02	0,02	0,02
PL176	Platform - General cross-section	S 235	NC8	1249,990	0,02	0,02	0,02
PL177	Platform - General cross-section	S 235	NC8	2500,000	0,02	0,00	0,02
PL178	Platform - General cross-section	S 235	NC8	1250,010	0,02	0,02	0,02
PL179	Platform - General cross-section	S 235	NC8	1249,990	0,02	0,02	0,02
PL180	Platform - General cross-section	S 235	NC8	1249,990	0,02	0,02	0,02
PL181	Platform - General cross-section	S 235	NC4	1250,010	0,19	0,19	0,19
PL182	Platform - General cross-section	S 235	NC3	2500,000	0,19	0,04	0,19
PL183	Platform - General cross-section	S 235	NC4	2500,000	0,19	0,03	0,19
PL184	Platform - General cross-section	S 235	NC5	2500,000	0,19	0,03	0,19
PL185	Platform - General cross-section	S 235	NC4	2187,500	0,19	0,08	0,19
PL186	Platform - General cross-section	S 235	NC3	2187,500	0,19	0,08	0,19
PL187	Platform - General cross-section	S 235	NC4	2343,750	0,19	0,04	0,19
PL188	Platform - General cross-section	S 235	NC4	2500,000	0,19	0,03	0,19
PL189	Platform - General cross-section	S 235	NC4	2500,000	0,19	0,03	0,19
PL190	Platform - General cross-section	S 235	NC4	2500,000	0,19	0,03	0,19
PL191	Platform - General cross-section	S 235	NC4	1249,990	0,19	0,19	0,19
PL192	Platform - General cross-section	S 235	NC4	1249,990	0,19	0,19	0,19
PL193	Platform - General cross-section	S 235	NC4	1249,990	0,19	0,19	0,19
PL194	Platform - General cross-section	S 235	NC4	1249,990	0,19	0,19	0,19
PL195	Platform - General cross-section	S 235	NC4	1249,990	0,19	0,19	0,19
PL196	Platform - General cross-section	S 235	NC5	1249,990	0,19	0,19	0,19
PL197	Platform - General cross-section	S 235	NC4	1250,010	0,19	0,19	0,19
PL198	Platform - General cross-section	S 235	NC3	1250,010	0,19	0,19	0,19
PL199	Platform - General cross-section	S 235	NC4	1249,990	0,19	0,19	0,19
PL200	Platform - General cross-section	S 235	NC5	1249,990	0,19	0,19	0,19
PL201	Platform - General cross-section	S 235	NC5	2500,000	0,35	0,07	0,35
PL202	Platform - General cross-section	S 235	NC4	2500,000	0,36	0,08	0,36
PL203	Platform - General cross-section	S 235	NC5	2343,750	0,35	0,08	0,35
PL204	Platform - General cross-section	S 235	NC4	1249,990	0,36	0,35	0,36
PL205	Platform - General cross-section	S 235	NC4	1249,990	0,35	0,35	0,35
PL206	Platform - General cross-section	S 235	NC4	1249,990	0,35	0,35	0,35
PL207	Platform - General cross-section	S 235	NC4	1249,990	0,35	0,35	0,35
PL208	Platform - General cross-section	S 235	NC4	1249,990	0,35	0,35	0,35
PL209	Platform - General cross-section	S 235	NC4	1249,990	0,35	0,35	0,35
PL210	Platform - General cross-section	S 235	NC4	1249,990	0,35	0,35	0,35
PL211	Platform - General cross-section	S 235	NC4	1249,990	0,35	0,35	0,35
PL212	Platform - General cross-section	S 235	NC4	1249,990	0,35	0,35	0,35

Member	css	mat	Case	dx [mm]	un.check [-]	sec.check [-]	stab.check [-]
PL213	Platform - General cross-section	S 235	NC4	1249,990	0,35	0,35	0,35
PL214	Platform - General cross-section	S 235	NC4	1249,990	0,35	0,35	0,35
PL215	Platform - General cross-section	S 235	NC4	1249,990	0,35	0,35	0,35
PL216	Platform - General cross-section	S 235	NC4	1249,990	0,35	0,35	0,35
PL217	Platform - General cross-section	S 235	NC5	1250,010	0,35	0,35	0,35
PL218	Platform - General cross-section	S 235	NC4	1250,010	0,36	0,35	0,36
PL219	Platform - General cross-section	S 235	NC3	1249,990	0,35	0,35	0,35
PL220	Platform - General cross-section	S 235	NC4	1249,990	0,36	0,35	0,36
PL221	Platform - General cross-section	S 235	NC5	1250,010	0,19	0,19	0,19
PL222	Platform - General cross-section	S 235	NC4	1250,010	0,19	0,19	0,19
PL223	Platform - General cross-section	S 235	NC5	1249,990	0,19	0,19	0,19
PL224	Platform - General cross-section	S 235	NC4	1249,990	0,19	0,19	0,19
PL225	Platform - General cross-section	S 235	NC4	1249,990	0,19	0,19	0,19
PL226	Platform - General cross-section	S 235	NC3	1249,990	0,19	0,19	0,19
PL227	Platform - General cross-section	S 235	NC4	2343,750	0,19	0,04	0,19
PL228	Platform - General cross-section	S 235	NC4	1249,990	0,19	0,19	0,19
PL229	Platform - General cross-section	S 235	NC4	2500,000	0,19	0,03	0,19
PL230	Platform - General cross-section	S 235	NC5	1249,990	0,19	0,19	0,19
PL231	Platform - General cross-section	S 235	NC4	1249,990	0,19	0,19	0,19
PL232	Platform - General cross-section	S 235	NC3	1249,990	0,19	0,19	0,19
PL233	Platform - General cross-section	S 235	NC4	1249,990	0,19	0,19	0,19
PL234	Platform - General cross-section	S 235	NC4	1249,990	0,19	0,19	0,19
PL235	Platform - General cross-section	S 235	NC4	1249,990	0,19	0,19	0,19
PL236	Platform - General cross-section	S 235	NC5	1249,990	0,19	0,19	0,19
PL237	Platform - General cross-section	S 235	NC3	1250,010	0,19	0,19	0,19
PL238	Platform - General cross-section	S 235	NC4	1250,010	0,19	0,19	0,19
PL239	Platform - General cross-section	S 235	NC5	1249,990	0,19	0,19	0,19
PL240	Platform - General cross-section	S 235	NC4	1249,990	0,19	0,19	0,19
CP2	DIYAGONAL - CHS	S 235	NC8	0,000	0,09	0,09	0,00
CP12	DIYAGONAL - CHS	S 235	NC8	0,000	0,07	0,07	0,00
C1	DİKME - CFCHS48.3X3	S 235	NC8	0,000	0,33	0,33	0,00
C2	DİKME - CFCHS48.3X3	S 235	NC8	110,000	0,31	0,31	0,00
C3	DİKME - CFCHS48.3X3	S 235	NC8	0,000	0,32	0,32	0,00
C4	DİKME - CFCHS48.3X3	S 235	NC8	110,000	0,31	0,31	0,00
C5	DİKME - CFCHS48.3X3	S 235	NC8	0,000	0,33	0,33	0,00
C6	DİKME - CFCHS48.3X3	S 235	NC8	110,000	0,31	0,31	0,00
C7	DİKME - CFCHS48.3X3	S 235	NC8	0,000	0,33	0,33	0,00
C8	DİKME - CFCHS48.3X3	S 235	NC8	110,000	0,31	0,31	0,00
C9	DİKME - CFCHS48.3X3	S 235	NC8	0,000	0,33	0,33	0,00
C10	DİKME - CFCHS48.3X3	S 235	NC8	110,000	0,31	0,31	0,00
C11	DİKME - CFCHS48.3X3	S 235	NC8	0,000	0,32	0,32	0,00
C12	DİKME - CFCHS48.3X3	S 235	NC8	110,000	0,30	0,30	0,00
C13	DİKME - CFCHS48.3X3	S 235	NC8	0,000	0,33	0,33	0,00
C14	DİKME - CFCHS48.3X3	S 235	NC8	110,000	0,31	0,31	0,00
C15	DİKME - CFCHS48.3X3	S 235	NC8	0,000	0,33	0,33	0,00
C16	DİKME - CFCHS48.3X3	S 235	NC8	110,000	0,31	0,31	0,00
C17	DİKME - CFCHS48.3X3	S 235	NC8	0,000	0,33	0,33	0,00
C18	DİKME - CFCHS48.3X3	S 235	NC8	110,000	0,31	0,31	0,00
C19	DİKME - CFCHS48.3X3	S 235	NC8	0,000	0,32	0,32	0,00
C20	DİKME - CFCHS48.3X3	S 235	NC8	110,000	0,31	0,31	0,00
C21	DİKME - CFCHS48.3X3	S 235	NC8	0,000	0,33	0,33	0,00
C22	DİKME - CFCHS48.3X3	S 235	NC8	110,000	0,31	0,31	0,00
C23	DİKME - CFCHS48.3X3	S 235	NC8	250,000	0,20	0,20	0,00
C24	DİKME - CFCHS48.3X3	S 235	NC8	250,000	0,20	0,20	0,00
C25	DİKME - CFCHS48.3X3	S 235	NC8	250,000	0,21	0,21	0,00
C26	DİKME - CFCHS48.3X3	S 235	NC8	250,000	0,21	0,21	0,00
C27	DİKME - CFCHS48.3X3	S 235	NC8	250,000	0,21	0,21	0,00
C28	DİKME - CFCHS48.3X3	S 235	NC8	250,000	0,21	0,21	0,00
C29	DİKME - CFCHS48.3X3	S 235	NC8	250,000	0,21	0,21	0,00
C30	DİKME - CFCHS48.3X3	S 235	NC8	250,000	0,21	0,21	0,00
C31	DİKME - CFCHS48.3X3	S 235	NC8	250,000	0,21	0,21	0,00
C32	DİKME - CFCHS48.3X3	S 235	NC8	250,000	0,21	0,21	0,00
C33	DİKME - CFCHS48.3X3	S 235	NC8	250,000	0,21	0,21	0,00
C34	DİKME - CFCHS48.3X3	S 235	NC8	250,000	0,21	0,21	0,00
C35	DİKME - CFCHS48.3X3	S 235	NC8	250,000	0,21	0,21	0,00
C36	DİKME - CFCHS48.3X3	S 235	NC8	250,000	0,21	0,21	0,00
C37	DİKME - CFCHS48.3X3	S 235	NC8	250,000	0,21	0,21	0,00
C38	DİKME - CFCHS48.3X3	S 235	NC8	250,000	0,21	0,21	0,00
C39	DİKME - CFCHS48.3X3	S 235	NC8	250,000	0,21	0,21	0,00
C40	DİKME - CFCHS48.3X3	S 235	NC8	250,000	0,21	0,21	0,00
C41	DİKME - CFCHS48.3X3	S 235	NC8	250,000	0,21	0,21	0,00
C42	DİKME - CFCHS48.3X3	S 235	NC8	250,000	0,21	0,21	0,00
C43	DİKME - CFCHS48.3X3	S 235	NC8	250,000	0,20	0,20	0,00
C44	DİKME - CFCHS48.3X3	S 235	NC8	250,000	0,20	0,20	0,00
B1088	ALT_PROFIL - RHS	S 235	NC8	700,000	0,61	0,61	0,60
B1089	ALT_PROFIL - RHS	S 235	NC8	700,000	0,65	0,65	0,63

Member	css	mat	Case	dx [mm]	un.check [-]	sec.check [-]	stab.check [-]
B1090	ALT_PROFIL - RHS	S 235	NC8	700,000	0,64	0,64	0,63
B1091	ALT_PROFIL - RHS	S 235	NC8	700,000	0,65	0,65	0,63
B1092	ALT_PROFIL - RHS	S 235	NC8	700,000	0,65	0,65	0,63
B1093	ALT_PROFIL - RHS	S 235	NC8	700,000	0,66	0,66	0,64
B1094	ALT_PROFIL - RHS	S 235	NC8	700,000	0,65	0,65	0,63
B1095	ALT_PROFIL - RHS	S 235	NC8	700,000	0,65	0,65	0,63
B1096	ALT_PROFIL - RHS	S 235	NC8	700,000	0,64	0,64	0,63
B1097	ALT_PROFIL - RHS	S 235	NC8	700,000	0,65	0,65	0,63
B1098	ALT_PROFIL - RHS	S 235	NC8	700,000	0,61	0,61	0,60
PL241	Platform - General cross-section	S 235	NC8	1250,010	0,02	0,02	0,02
PL242	Platform - General cross-section	S 235	NC8	1562,500	0,03	0,02	0,03
PL243	Platform - General cross-section	S 235	NC8	1249,990	0,02	0,02	0,02
PL244	Platform - General cross-section	S 235	NC8	1249,990	0,03	0,02	0,03
PL245	Platform - General cross-section	S 235	NC7	1249,990	0,02	0,02	0,02
PL246	Platform - General cross-section	S 235	NC8	1250,010	0,02	0,02	0,02
PL247	Platform - General cross-section	S 235	NC7	1249,990	0,02	0,02	0,02
PL248	Platform - General cross-section	S 235	NC8	1249,990	0,02	0,02	0,02
PL249	Platform - General cross-section	S 235	NC8	1250,010	0,02	0,02	0,02
PL250	Platform - General cross-section	S 235	NC8	2500,000	0,02	0,00	0,02
PL251	Platform - General cross-section	S 235	NC8	1249,990	0,02	0,02	0,02
PL252	Platform - General cross-section	S 235	NC8	1249,990	0,02	0,02	0,02
PL253	Platform - General cross-section	S 235	NC8	1249,990	0,02	0,02	0,02
PL254	Platform - General cross-section	S 235	NC8	1249,990	0,02	0,02	0,02
PL255	Platform - General cross-section	S 235	NC7	1249,990	0,02	0,02	0,02
PL256	Platform - General cross-section	S 235	NC8	1249,990	0,02	0,02	0,02
PL257	Platform - General cross-section	S 235	NC8	1250,010	0,02	0,02	0,02
PL258	Platform - General cross-section	S 235	NC8	2343,750	0,03	0,01	0,03
PL259	Platform - General cross-section	S 235	NC8	1249,990	0,02	0,02	0,02
PL260	Platform - General cross-section	S 235	NC8	1249,990	0,03	0,02	0,03
C45	DİKME - CFCHS48.3X3	S 235	NC8	140,000	0,31	0,31	0,00
C46	DİKME - CFCHS48.3X3	S 235	NC8	140,000	0,31	0,31	0,00
C47	DİKME - CFCHS48.3X3	S 235	NC8	140,000	0,31	0,31	0,00
C48	DİKME - CFCHS48.3X3	S 235	NC8	140,000	0,31	0,31	0,00
C49	DİKME - CFCHS48.3X3	S 235	NC8	140,000	0,32	0,32	0,00
C50	DİKME - CFCHS48.3X3	S 235	NC8	140,000	0,32	0,32	0,00
C51	DİKME - CFCHS48.3X3	S 235	NC8	140,000	0,32	0,32	0,00
C52	DİKME - CFCHS48.3X3	S 235	NC8	140,000	0,32	0,32	0,00
C53	DİKME - CFCHS48.3X3	S 235	NC8	140,000	0,32	0,32	0,00
C54	DİKME - CFCHS48.3X3	S 235	NC8	140,000	0,32	0,32	0,00
C55	DİKME - CFCHS48.3X3	S 235	NC8	140,000	0,32	0,32	0,00
C56	DİKME - CFCHS48.3X3	S 235	NC8	140,000	0,32	0,32	0,00
C57	DİKME - CFCHS48.3X3	S 235	NC8	140,000	0,32	0,32	0,00
C58	DİKME - CFCHS48.3X3	S 235	NC8	140,000	0,32	0,32	0,00
C59	DİKME - CFCHS48.3X3	S 235	NC8	140,000	0,32	0,32	0,00
C60	DİKME - CFCHS48.3X3	S 235	NC8	140,000	0,32	0,32	0,00
C61	DİKME - CFCHS48.3X3	S 235	NC8	140,000	0,32	0,32	0,00
C62	DİKME - CFCHS48.3X3	S 235	NC8	140,000	0,32	0,32	0,00
C63	DİKME - CFCHS48.3X3	S 235	NC8	140,000	0,31	0,31	0,00
C64	DİKME - CFCHS48.3X3	S 235	NC8	140,000	0,31	0,31	0,00
C65	DİKME - CFCHS48.3X3	S 235	NC8	140,000	0,31	0,31	0,00
C66	DİKME - CFCHS48.3X3	S 235	NC8	140,000	0,31	0,31	0,00
CP50	DIYAGONAL - CHS	S 235	NC8	0,000	0,07	0,07	0,00
C67	TOPUKLUK - C	S 235	NC2	1249,990	0,06	0,01	0,06
C68	TOPUKLUK - C	S 235	NC8	1250,010	0,06	0,01	0,06
C69	TOPUKLUK - C	S 235	NC7	1249,990	0,06	0,01	0,06
C70	TOPUKLUK - C	S 235	NC7	1249,990	0,06	0,01	0,06
C71	TOPUKLUK - C	S 235	NC8	1249,990	0,06	0,01	0,06
C72	TOPUKLUK - C	S 235	NC8	1250,010	0,06	0,01	0,06
C73	TOPUKLUK - C	S 235	NC7	1249,990	0,06	0,01	0,06
C74	TOPUKLUK - C	S 235	NC7	1249,990	0,06	0,01	0,06
C75	TOPUKLUK - C	S 235	NC8	1249,990	0,06	0,01	0,06
C76	TOPUKLUK - C	S 235	NC8	1250,010	0,06	0,01	0,06
C77	TOPUKLUK - C	S 235	NC7	1249,990	0,06	0,01	0,06
C78	TOPUKLUK - C	S 235	NC7	1249,990	0,06	0,01	0,06
C79	TOPUKLUK - C	S 235	NC8	1249,990	0,06	0,01	0,06
C80	TOPUKLUK - C	S 235	NC8	1250,010	0,06	0,01	0,06
C81	TOPUKLUK - C	S 235	NC7	1249,990	0,06	0,01	0,06
C82	TOPUKLUK - C	S 235	NC7	1249,990	0,06	0,01	0,06
C83	TOPUKLUK - C	S 235	NC8	1249,990	0,06	0,01	0,06
C84	TOPUKLUK - C	S 235	NC8	1250,010	0,06	0,01	0,06
C85	TOPUKLUK - C	S 235	NC7	1249,990	0,06	0,01	0,06
C86	TOPUKLUK - C	S 235	NC2	1250,010	0,06	0,01	0,06
C87	TOPUKLUK - C	S 235	NC7	1249,990	0,06	0,01	0,06
C88	TOPUKLUK - C	S 235	NC7	1250,010	0,06	0,01	0,06
C89	TOPUKLUK - C	S 235	NC7	1249,990	0,06	0,01	0,06
C90	TOPUKLUK - C	S 235	NC8	1250,010	0,06	0,01	0,06

Member	css	mat	Case	dx [mm]	un.check [-]	sec.check [-]	stab.check [-]
C91	TOPUKLUK - C	S 235	NC7	1250,010	0,06	0,01	0,06
C92	TOPUKLUK - C	S 235	NC7	1250,010	0,06	0,01	0,06
C93	TOPUKLUK - C	S 235	NC7	1249,990	0,06	0,01	0,06
C94	TOPUKLUK - C	S 235	NC8	1250,010	0,06	0,01	0,06
C95	TOPUKLUK - C	S 235	NC7	1250,010	0,06	0,01	0,06
C96	TOPUKLUK - C	S 235	NC2	1249,990	0,06	0,01	0,06
C97	TOPUKLUK - C	S 235	NC8	1249,990	0,06	0,01	0,06
C98	TOPUKLUK - C	S 235	NC8	1249,990	0,06	0,01	0,06
C99	TOPUKLUK - C	S 235	NC7	1249,990	0,06	0,01	0,06
C100	TOPUKLUK - C	S 235	NC7	1250,010	0,06	0,01	0,06
C101	TOPUKLUK - C	S 235	NC8	1249,990	0,06	0,01	0,06
C102	TOPUKLUK - C	S 235	NC8	1250,010	0,06	0,01	0,06
C103	TOPUKLUK - C	S 235	NC7	1249,990	0,06	0,01	0,06
C104	TOPUKLUK - C	S 235	NC7	1250,010	0,06	0,01	0,06
C105	TOPUKLUK - C	S 235	NC8	1250,010	0,06	0,01	0,06
C106	TOPUKLUK - C	S 235	NC8	1250,010	0,06	0,01	0,06
C107	TOPUKLUK - C	S 235	NC4	1250,010	0,06	0,01	0,06
C108	TOPUKLUK - C	S 235	NC7	1250,010	0,06	0,01	0,06
C109	TOPUKLUK - C	S 235	NC7	1249,990	0,06	0,01	0,06
C110	TOPUKLUK - C	S 235	NC8	1250,010	0,06	0,01	0,06
C111	TOPUKLUK - C	S 235	NC7	1250,010	0,06	0,01	0,06
C112	TOPUKLUK - C	S 235	NC7	1250,010	0,06	0,01	0,06
C113	TOPUKLUK - C	S 235	NC8	1249,990	0,06	0,01	0,06
C114	TOPUKLUK - C	S 235	NC8	1250,010	0,06	0,01	0,06
C115	TOPUKLUK - C	S 235	NC7	1250,010	0,06	0,01	0,06
C116	TOPUKLUK - C	S 235	NC7	1249,990	0,06	0,01	0,06
C117	TOPUKLUK - C	S 235	NC8	1249,990	0,12	0,01	0,12
C118	TOPUKLUK - C	S 235	NC8	1249,990	0,06	0,01	0,06
C119	TOPUKLUK - C	S 235	NC7	1249,990	0,06	0,01	0,06
C120	TOPUKLUK - C	S 235	NC7	1250,010	0,06	0,01	0,06
C121	TOPUKLUK - C	S 235	NC8	1249,990	0,06	0,01	0,06
C122	TOPUKLUK - C	S 235	NC8	1250,010	0,06	0,01	0,06
C123	TOPUKLUK - C	S 235	NC7	1249,990	0,06	0,01	0,06
C124	TOPUKLUK - C	S 235	NC7	1250,010	0,06	0,01	0,06
C125	TOPUKLUK - C	S 235	NC8	1250,010	0,06	0,01	0,06
C126	TOPUKLUK - C	S 235	NC8	1249,990	0,11	0,01	0,11
C127	TOPUKLUK - C	S 235	NC4	1250,010	0,12	0,01	0,12
C128	TOPUKLUK - C	S 235	NC7	1250,010	0,06	0,01	0,06
C129	TOPUKLUK - C	S 235	NC7	1249,990	0,06	0,01	0,06
C130	TOPUKLUK - C	S 235	NC8	1250,010	0,06	0,01	0,06
C131	TOPUKLUK - C	S 235	NC7	1250,010	0,06	0,01	0,06
C132	TOPUKLUK - C	S 235	NC7	1250,010	0,06	0,01	0,06
C133	TOPUKLUK - C	S 235	NC8	1249,990	0,06	0,01	0,06
C134	TOPUKLUK - C	S 235	NC8	1250,010	0,06	0,01	0,06
C135	TOPUKLUK - C	S 235	NC7	1250,010	0,06	0,01	0,06
C136	TOPUKLUK - C	S 235	NC4	1249,990	0,12	0,01	0,12
C137	TOPUKLUK - C	S 235	NC4	1250,010	0,14	0,01	0,14
C138	TOPUKLUK - C	S 235	NC8	1249,990	0,06	0,01	0,06
C139	TOPUKLUK - C	S 235	NC7	1249,990	0,06	0,01	0,06
C140	TOPUKLUK - C	S 235	NC7	1250,010	0,06	0,01	0,06
C141	TOPUKLUK - C	S 235	NC8	1249,990	0,06	0,01	0,06
C142	TOPUKLUK - C	S 235	NC8	1250,010	0,06	0,01	0,06
C143	TOPUKLUK - C	S 235	NC7	1249,990	0,06	0,01	0,06
C144	TOPUKLUK - C	S 235	NC7	1250,010	0,06	0,01	0,06
C145	TOPUKLUK - C	S 235	NC8	1250,010	0,06	0,01	0,06
C146	TOPUKLUK - C	S 235	NC4	1249,990	0,14	0,01	0,14
C147	TOPUKLUK - C	S 235	NC4	1250,010	0,16	0,01	0,16
C148	TOPUKLUK - C	S 235	NC7	1250,010	0,06	0,01	0,06
C149	TOPUKLUK - C	S 235	NC8	1249,990	0,06	0,01	0,06
C150	TOPUKLUK - C	S 235	NC8	1250,010	0,06	0,01	0,06
C151	TOPUKLUK - C	S 235	NC7	1250,010	0,06	0,01	0,06
C152	TOPUKLUK - C	S 235	NC7	1250,010	0,06	0,01	0,06
C153	TOPUKLUK - C	S 235	NC8	1249,990	0,06	0,01	0,06
C154	TOPUKLUK - C	S 235	NC8	1250,010	0,06	0,01	0,06
C155	TOPUKLUK - C	S 235	NC7	1250,010	0,06	0,01	0,06
C156	TOPUKLUK - C	S 235	NC4	1249,990	0,15	0,01	0,15
C157	TOPUKLUK - C	S 235	NC4	1250,010	0,18	0,01	0,18
C158	TOPUKLUK - C	S 235	NC8	1249,990	0,06	0,01	0,06
C159	TOPUKLUK - C	S 235	NC7	1249,990	0,06	0,01	0,06
C160	TOPUKLUK - C	S 235	NC7	1250,010	0,06	0,01	0,06
C161	TOPUKLUK - C	S 235	NC8	1249,990	0,06	0,01	0,06
C162	TOPUKLUK - C	S 235	NC8	1250,010	0,06	0,01	0,06
C163	TOPUKLUK - C	S 235	NC7	1250,010	0,06	0,01	0,06
C164	TOPUKLUK - C	S 235	NC7	1250,010	0,06	0,01	0,06
C165	TOPUKLUK - C	S 235	NC8	1250,010	0,06	0,01	0,06
C166	TOPUKLUK - C	S 235	NC4	1249,990	0,17	0,01	0,17

Member	css	mat	Case	dx [mm]	un.check [-]	sec.check [-]	stab.check [-]
C167	TOPUKLUK - C	S 235	NC4	1250,010	0,19	0,01	0,19
C168	TOPUKLUK - C	S 235	NC7	1250,010	0,06	0,01	0,06
C169	TOPUKLUK - C	S 235	NC8	1249,990	0,06	0,01	0,06
C170	TOPUKLUK - C	S 235	NC8	1250,010	0,06	0,01	0,06
C171	TOPUKLUK - C	S 235	NC7	1250,010	0,06	0,01	0,06
C172	TOPUKLUK - C	S 235	NC7	1249,990	0,06	0,01	0,06
C173	TOPUKLUK - C	S 235	NC8	1249,990	0,06	0,01	0,06
C174	TOPUKLUK - C	S 235	NC8	1250,010	0,06	0,01	0,06
C175	TOPUKLUK - C	S 235	NC7	1250,010	0,06	0,01	0,06
C176	TOPUKLUK - C	S 235	NC4	1249,990	0,17	0,01	0,17
C177	TOPUKLUK - C	S 235	NC4	1250,010	0,22	0,02	0,22
C178	TOPUKLUK - C	S 235	NC8	1250,010	0,06	0,01	0,06
C179	TOPUKLUK - C	S 235	NC9	1250,010	0,06	0,01	0,06
C180	TOPUKLUK - C	S 235	NC9	1250,010	0,06	0,01	0,06
C181	TOPUKLUK - C	S 235	NC8	1249,990	0,06	0,01	0,06
C182	TOPUKLUK - C	S 235	NC8	1250,010	0,06	0,01	0,06
C183	TOPUKLUK - C	S 235	NC9	1249,990	0,06	0,01	0,06
C184	TOPUKLUK - C	S 235	NC9	1249,990	0,06	0,01	0,06
C185	TOPUKLUK - C	S 235	NC8	1249,990	0,06	0,01	0,06
C186	TOPUKLUK - C	S 235	NC4	1249,990	0,18	0,01	0,18
C187	TOPUKLUK - C	S 235	NC3	1249,990	0,11	0,01	0,11
C188	TOPUKLUK - C	S 235	NC3	1250,010	0,11	0,01	0,11
C189	TOPUKLUK - C	S 235	NC4	1249,990	0,11	0,01	0,11
C190	TOPUKLUK - C	S 235	NC4	1250,010	0,11	0,01	0,11
C191	TOPUKLUK - C	S 235	NC4	1249,990	0,11	0,01	0,11
C192	TOPUKLUK - C	S 235	NC4	1250,010	0,11	0,01	0,11
C193	TOPUKLUK - C	S 235	NC4	1249,990	0,11	0,01	0,11
C194	TOPUKLUK - C	S 235	NC4	1250,010	0,11	0,01	0,11
C195	TOPUKLUK - C	S 235	NC3	1249,990	0,11	0,01	0,11
C196	TOPUKLUK - C	S 235	NC3	1250,010	0,12	0,01	0,12
B1099	ÜST_PROFIL - RHS	S 235	NC8	0,000	0,36	0,36	0,36
B1100	ÜST_PROFIL - RHS	S 235	NC8	0,000	0,35	0,35	0,35
B1101	ÜST_PROFIL - RHS	S 235	NC8	0,000	0,36	0,35	0,36
B1102	ÜST_PROFIL - RHS	S 235	NC8	0,000	0,36	0,36	0,36
B1103	ÜST_PROFIL - RHS	S 235	NC8	0,000	0,36	0,36	0,35
B1104	ÜST_PROFIL - RHS	S 235	NC8	0,000	0,35	0,35	0,35
B1105	ÜST_PROFIL - RHS	S 235	NC8	0,000	0,36	0,36	0,35
B1106	ÜST_PROFIL - RHS	S 235	NC8	0,000	0,36	0,36	0,36
B1107	ÜST_PROFIL - RHS	S 235	NC8	0,000	0,36	0,36	0,36
B1108	ÜST_PROFIL - RHS	S 235	NC8	0,000	0,35	0,35	0,35
B1109	ÜST_PROFIL - RHS	S 235	NC8	0,000	0,36	0,35	0,36
CP57	DIYAGONAL - CHS	S 235	NC8	0,000	0,09	0,09	0,00
CP61	DIYAGONAL - CHS	S 235	NC8	0,000	0,10	0,10	0,00
CP65	DIYAGONAL - CHS	S 235	NC8	0,000	0,10	0,10	0,00
CP69	DIYAGONAL - CHS	S 235	NC8	0,000	0,12	0,12	0,00
CP70	DIYAGONAL - CHS	S 235	NC8	2957,431	0,11	0,11	0,00
CP71	DIYAGONAL - CHS	S 235	NC8	0,000	0,08	0,08	0,00
CP72	DIYAGONAL - CHS	S 235	NC8	0,000	0,09	0,09	0,00
CP73	DIYAGONAL - CHS	S 235	NC8	0,000	0,09	0,09	0,00
CP74	DIYAGONAL - CHS	S 235	NC8	0,000	0,09	0,09	0,00
CP75	DIYAGONAL - CHS	S 235	NC8	0,000	0,09	0,09	0,00
CP76	DIYAGONAL - CHS	S 235	NC8	2957,431	0,11	0,11	0,00
CP77	DIYAGONAL - CHS	S 235	NC8	2957,431	0,10	0,10	0,00
CP78	DIYAGONAL - CHS	S 235	NC8	2957,431	0,08	0,08	0,00
CP79	DIYAGONAL - CHS	S 235	NC8	2957,431	0,10	0,10	0,00
CP80	DIYAGONAL - CHS	S 235	NC8	2957,431	0,09	0,09	0,00
CP81	DIYAGONAL - CHS	S 235	NC8	2957,431	0,10	0,10	0,00
CP82	DIYAGONAL - CHS	S 235	NC8	2957,431	0,09	0,09	0,00
CP83	DIYAGONAL - CHS	S 235	NC8	2957,431	0,11	0,11	0,00
CP84	DIYAGONAL - CHS	S 235	NC8	2957,431	0,09	0,09	0,00
CP85	DIYAGONAL - CHS	S 235	NC8	2957,431	0,12	0,12	0,00
CP86	DIYAGONAL - CHS	S 235	NC8	2957,431	0,09	0,09	0,00
CP87	DIYAGONAL - CHS	S 235	NC8	0,000	0,07	0,07	0,00
CP88	DIYAGONAL - CHS	S 235	NC8	0,000	0,10	0,10	0,00
CP89	DIYAGONAL - CHS	S 235	NC8	0,000	0,07	0,07	0,00
CP90	DIYAGONAL - CHS	S 235	NC8	0,000	0,10	0,10	0,00
CP91	DIYAGONAL - CHS	S 235	NC8	0,000	0,10	0,10	0,00
CP92	DIYAGONAL - CHS	S 235	NC8	0,000	0,11	0,11	0,00
CP93	DIYAGONAL - CHS	S 235	NC8	0,000	0,12	0,12	0,00
CP94	DIYAGONAL - CHS	S 235	NC8	2957,431	0,11	0,11	0,00
CP95	DIYAGONAL - CHS	S 235	NC8	0,000	0,09	0,09	0,00
CP96	DIYAGONAL - CHS	S 235	NC8	0,000	0,09	0,09	0,00
CP97	DIYAGONAL - CHS	S 235	NC8	0,000	0,09	0,09	0,00
CP98	DIYAGONAL - CHS	S 235	NC8	0,000	0,09	0,09	0,00
CP99	DIYAGONAL - CHS	S 235	NC8	0,000	0,09	0,09	0,00
CP100	DIYAGONAL - CHS	S 235	NC8	2957,431	0,11	0,11	0,00

Member	css	mat	Case	dx [mm]	un.check [-]	sec.check [-]	stab.check [-]
CP101	DIYAGONAL - CHS	S 235	NC8	2957,431	0,10	0,10	0,00
CP102	DIYAGONAL - CHS	S 235	NC8	2957,431	0,09	0,09	0,00
CP103	DIYAGONAL - CHS	S 235	NC8	2957,431	0,10	0,10	0,00
CP104	DIYAGONAL - CHS	S 235	NC8	2957,431	0,09	0,09	0,00
CP105	DIYAGONAL - CHS	S 235	NC8	2957,431	0,10	0,10	0,00
CP106	DIYAGONAL - CHS	S 235	NC8	2957,431	0,09	0,09	0,00
CP107	DIYAGONAL - CHS	S 235	NC8	2957,431	0,11	0,11	0,00
CP108	DIYAGONAL - CHS	S 235	NC8	2957,431	0,09	0,09	0,00
CP109	DIYAGONAL - CHS	S 235	NC8	2957,431	0,12	0,12	0,00
CP110	DIYAGONAL - CHS	S 235	NC8	2957,431	0,09	0,09	0,00
CP111	DIYAGONAL - CHS	S 235	NC8	0,000	0,07	0,07	0,00
CP112	DIYAGONAL - CHS	S 235	NC8	0,000	0,10	0,10	0,00
CP113	DIYAGONAL - CHS	S 235	NC8	0,000	0,07	0,07	0,00
CP114	DIYAGONAL - CHS	S 235	NC8	0,000	0,10	0,10	0,00
CP115	DIYAGONAL - CHS	S 235	NC8	0,000	0,10	0,10	0,00
CP116	DIYAGONAL - CHS	S 235	NC8	0,000	0,11	0,11	0,00
CP117	DIYAGONAL - CHS	S 235	NC8	0,000	0,12	0,12	0,00
CP118	DIYAGONAL - CHS	S 235	NC8	2957,431	0,11	0,11	0,00
CP119	DIYAGONAL - CHS	S 235	NC8	0,000	0,08	0,08	0,00
CP120	DIYAGONAL - CHS	S 235	NC8	0,000	0,09	0,09	0,00
CP121	DIYAGONAL - CHS	S 235	NC8	0,000	0,09	0,09	0,00
CP122	DIYAGONAL - CHS	S 235	NC8	0,000	0,09	0,09	0,00
CP123	DIYAGONAL - CHS	S 235	NC8	0,000	0,09	0,09	0,00
CP124	DIYAGONAL - CHS	S 235	NC8	2957,431	0,11	0,11	0,00
CP125	DIYAGONAL - CHS	S 235	NC8	2957,431	0,09	0,09	0,00
CP126	DIYAGONAL - CHS	S 235	NC8	2957,431	0,08	0,08	0,00
CP127	DIYAGONAL - CHS	S 235	NC8	2957,431	0,10	0,10	0,00
CP128	DIYAGONAL - CHS	S 235	NC8	2957,431	0,09	0,09	0,00
CP129	DIYAGONAL - CHS	S 235	NC8	2957,431	0,10	0,10	0,00
CP130	DIYAGONAL - CHS	S 235	NC8	2957,431	0,09	0,09	0,00
CP131	DIYAGONAL - CHS	S 235	NC8	2957,431	0,11	0,11	0,00
CP132	DIYAGONAL - CHS	S 235	NC8	2957,431	0,09	0,09	0,00
CP133	DIYAGONAL - CHS	S 235	NC8	2957,431	0,12	0,12	0,00
CP134	DIYAGONAL - CHS	S 235	NC8	2957,431	0,09	0,09	0,00