

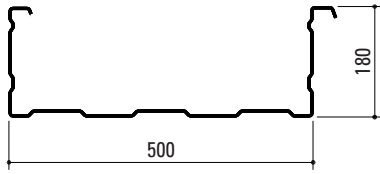
MK 180/500

STAHL

ACIER

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Belastungstabellen für Windsog- (w_s) und Druckbelastung (w_p) auf Grundlage von ABP T17-080.

Tableaux de charge pour la résistance à la succion (w_s) et la pression du vent (w_p) sur la base du ABP T17-080.

Tabelle di carico per l'azione del vento (w_p pressione / w_s depressione) sulla base del certificato di approvazione tecnica ABP T17-080.

Load tables for wind suction (w_s) and pressure (w_p) based on ABP T17-080.

Abstand der Verbindung der Aussenschale a_L ≤ 621 mm
 Zwischenauflegerbreite 300 mm
 Endauflegerbreite 40 mm
 Gebrauchstauglichkeit 1.00
 Tragsicherheit 1.65
 Streckgrenze min. 320 N/mm²

Distance entre la fixation de la face extérieure a_L ≤ 621 mm
 Appuis intermédiaires 300 mm
 Appuis aux extrémités 40 mm
 Aptitude au service 1.00
 Facteur de sécurité structural 1.65
 Limite élastique min. 320 N/mm²

Distanza tra i fissaggi del rivestimento esterno a_L ≤ 621 mm
 Largh. dell'appoggio intermedio 300 mm
 Largh. dell'appoggio all'estremità 40 mm
 Idoneità all'uso 1.00
 Fattore di sicurezza strutturale 1.65
 Limite d'elasticità min. 320 N/mm²

Distance between fixation of outer sheet a_L ≤ 621 mm
 Intermediate support 300 mm
 Support at the ends 40 mm
 Usability 1.00
 Safety factor against failure 1.65
 Yield strength min. 320 N/mm²

| Spannweite / Portée Luce / Span m | | | | 5.00 | 5.25 | 5.50 | 5.75 | 6.00 | 6.25 | 6.50 | 6.75 | 7.00 | 7.25 | 7.50 | 7.75 | 8.00 | 8.25 | 8.50 | 8.75 | 9.00 | 9.25 | 9.50 | 9.75 |
|-----------------------------------|-------------------|-------|-------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| t | kg/m ² | | max f | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² |
| 0.75 | 11.40 | w_D | L/150 | 1.73 | 1.61 | 1.47 | 1.35 | 1.24 | 1.14 | 1.05 | 0.98 | 0.91 | 0.85 | 0.79 | 0.74 | 0.69 | 0.65 | 0.62 | 0.58 | 0.55 | 0.52 | 0.49 | 0.47 |
| | | | L/300 | 1.73 | 1.61 | 1.47 | 1.35 | 1.24 | 1.14 | 1.04 | 0.93 | 0.83 | 0.75 | 0.68 | 0.61 | 0.56 | 0.51 | 0.46 | 0.43 | 0.39 | 0.36 | 0.33 | 0.31 |
| 0.88 | 13.38 | w_S | | 1.86 | 1.69 | 1.54 | 1.41 | 1.29 | 1.19 | 1.10 | 1.02 | 0.95 | 0.89 | 0.83 | 0.78 | 0.73 | 0.68 | 0.64 | 0.61 | 0.57 | 0.54 | 0.52 | 0.49 |
| | | | w_D | L/150 | 2.20 | 2.00 | 1.82 | 1.67 | 1.53 | 1.41 | 1.30 | 1.21 | 1.12 | 1.05 | 0.98 | 0.92 | 0.86 | 0.81 | 0.76 | 0.72 | 0.68 | 0.64 | 0.61 |
| 1.00 | 15.20 | w_S | | 2.44 | 2.22 | 2.02 | 1.85 | 1.70 | 1.56 | 1.45 | 1.34 | 1.25 | 1.16 | 1.09 | 1.02 | 0.95 | 0.90 | 0.85 | 0.80 | 0.75 | 0.71 | 0.68 | 0.64 |
| | | | w_D | L/150 | 2.67 | 2.42 | 2.20 | 2.02 | 1.85 | 1.71 | 1.58 | 1.46 | 1.36 | 1.27 | 1.19 | 1.11 | 1.04 | 0.98 | 0.92 | 0.87 | 0.82 | 0.78 | 0.74 |
| 1.25 | 19.00 | w_S | | 2.87 | 2.70 | 2.46 | 2.25 | 2.07 | 1.91 | 1.76 | 1.64 | 1.52 | 1.42 | 1.33 | 1.24 | 1.16 | 1.10 | 1.03 | 0.97 | 0.92 | 0.87 | 0.83 | 0.78 |
| | | | w_D | L/150 | 3.36 | 3.05 | 2.78 | 2.54 | 2.33 | 2.15 | 1.99 | 1.84 | 1.71 | 1.60 | 1.49 | 1.40 | 1.31 | 1.23 | 1.16 | 1.10 | 1.04 | 0.98 | 0.93 |
| 1.25 | 19.00 | w_S | | 3.36 | 3.05 | 2.78 | 2.54 | 2.33 | 2.15 | 1.99 | 1.84 | 1.71 | 1.60 | 1.49 | 1.40 | 1.31 | 1.23 | 1.16 | 1.10 | 1.04 | 0.98 | 0.93 | 0.88 |
| | | | w_D | L/300 | 3.35 | 2.90 | 2.52 | 2.21 | 1.94 | 1.72 | 1.53 | 1.36 | 1.22 | 1.10 | 0.99 | 0.90 | 0.82 | 0.75 | 0.68 | 0.63 | 0.58 | 0.53 | 0.49 |
| 1.25 | 19.00 | w_S | | 3.62 | 3.41 | 3.11 | 2.84 | 2.61 | 2.41 | 2.22 | 2.06 | 1.92 | 1.79 | 1.67 | 1.56 | 1.47 | 1.38 | 1.30 | 1.23 | 1.16 | 1.10 | 1.04 | 0.99 |

| Spannweite / Portée Luce / Span m | | | | 5.00 | 5.25 | 5.50 | 5.75 | 6.00 | 6.25 | 6.50 | 6.75 | 7.00 | 7.25 | 7.50 | 7.75 | 8.00 | 8.25 | 8.50 | 8.75 | 9.00 | 9.25 | 9.50 | 9.75 |
|-----------------------------------|-------------------|-------|-------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|------|
| t | kg/m ² | | max f | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | |
| 0.75 | 11.40 | w_D | L/150 | 1.79 | 1.67 | 1.56 | 1.46 | 1.37 | 1.29 | 1.21 | 1.15 | 1.08 | 1.03 | 0.97 | 0.90 | 0.85 | 0.80 | 0.75 | 0.71 | 0.67 | 0.63 | 0.60 | 0.57 |
| | | | L/300 | 1.79 | 1.67 | 1.56 | 1.46 | 1.37 | 1.29 | 1.21 | 1.15 | 1.08 | 1.03 | 0.97 | 0.90 | 0.85 | 0.80 | 0.75 | 0.71 | 0.67 | 0.63 | 0.60 | 0.57 |
| 0.88 | 13.38 | w_S | | 1.52 | 1.40 | 1.29 | 1.19 | 1.11 | 1.03 | 0.96 | 0.90 | 0.84 | 0.79 | 0.74 | 0.70 | 0.65 | 0.62 | 0.58 | 0.55 | 0.52 | 0.49 | 0.46 | 0.44 |
| | | | w_D | L/150 | 2.45 | 2.26 | 2.10 | 1.95 | 1.82 | 1.70 | 1.59 | 1.47 | 1.37 | 1.28 | 1.19 | 1.12 | 1.05 | 0.99 | 0.93 | 0.88 | 0.83 | 0.78 | 0.74 |
| 1.00 | 15.20 | w_S | | 2.45 | 2.26 | 2.10 | 1.95 | 1.82 | 1.70 | 1.59 | 1.47 | 1.37 | 1.28 | 1.19 | 1.12 | 1.05 | 0.99 | 0.93 | 0.88 | 0.83 | 0.78 | 0.74 | 0.71 |
| | | | w_D | L/150 | 2.83 | 2.61 | 2.41 | 2.24 | 2.08 | 1.94 | 1.81 | 1.70 | 1.59 | 1.50 | 1.40 | 1.31 | 1.23 | 1.16 | 1.09 | 1.03 | 0.97 | 0.92 | 0.87 |
| 1.25 | 19.00 | w_S | | 2.83 | 2.61 | 2.41 | 2.24 | 2.08 | 1.94 | 1.81 | 1.70 | 1.59 | 1.50 | 1.40 | 1.31 | 1.23 | 1.16 | 1.09 | 1.03 | 0.97 | 0.92 | 0.87 | 0.83 |
| | | | w_D | L/150 | 3.57 | 3.29 | 3.04 | 2.82 | 2.62 | 2.44 | 2.28 | 2.14 | 2.01 | 1.89 | 1.77 | 1.66 | 1.56 | 1.46 | 1.38 | 1.30 | 1.23 | 1.16 | 1.10 |
| 1.25 | 19.00 | w_S | | 3.57 | 3.29 | 3.04 | 2.82 | 2.62 | 2.44 | 2.28 | 2.14 | 2.01 | 1.89 | 1.77 | 1.66 | 1.56 | 1.46 | 1.38 | 1.30 | 1.23 | 1.16 | 1.10 | 1.05 |
| | | | w_D | L/300 | 3.57 | 3.29 | 3.04 | 2.82 | 2.62 | 2.44 | 2.28 | 2.14 | 2.01 | 1.89 | 1.77 | 1.66 | 1.56 | 1.46 | 1.38 | 1.30 | 1.23 | 1.16 | 1.10 |
| 1.25 | 19.00 | w_S | | 2.81 | 2.62 | 2.45 | 2.30 | 2.16 | 2.03 | 1.91 | 1.81 | 1.71 | 1.62 | 1.52 | 1.43 | 1.34 | 1.26 | 1.19 | 1.12 | 1.06 | 1.00 | 0.95 | 0.90 |

| Spannweite / Portée Luce / Span m | | | | 5.00 | 5.25 | 5.50 | 5.75 | 6.00 | 6.25 | 6.50 | 6.75 | 7.00 | 7.25 | 7.50 | 7.75 | 8.00 | 8.25 | 8.50 | 8.75 | 9.00 | 9.25 | 9.50 | 9.75 |
|-----------------------------------|-------------------|-------|-------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|------|
| t | kg/m ² | | max f | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | |
| 0.75 | 11.40 | w_D | L/150 | 2.12 | 1.98 | 1.85 | 1.74 | 1.63 | 1.53 | 1.45 | 1.37 | 1.30 | 1.23 | 1.17 | 1.11 | 1.06 | 1.00 | 0.94 | 0.89 | 0.84 | 0.79 | 0.75 | 0.71 |
| | | | L/300 | 2.12 | 1.98 | 1.85 | 1.74 | 1.63 | 1.53 | 1.45 | 1.37 | 1.30 | 1.23 | 1.17 | 1.11 | 1.05 | 0.96 | 0.88 | 0.80 | 0.74 | 0.68 | 0.63 | 0.58 |
| 0.88 | 13.38 | w_S | | 1.86 | 1.71 | 1.57 | 1.46 | 1.35 | 1.26 | 1.17 | 1.10 | 1.03 | 0.97 | 0.91 | 0.86 | 0.81 | 0.77 | 0.72 | 0.68 | 0.65 | 0.61 | 0.58 | 0.55 |
| | | | w_D | L/150 | 2.94 | 2.73 | 2.53 | 2.36 | 2.20 | 2.06 | 1.93 | 1.81 | 1.71 | 1.60 | 1.49 | 1.40 | 1.31 | 1.23 | 1.16 | 1.10 | 1.04 | 0.98 | 0.93 |
| 1.00 | 15.20 | w_S | | 2.94 | 2.73 | 2.53 | 2.36 | 2.20 | 2.06 | 1.93 | 1.81 | 1.71 | 1.60 | 1.49 | 1.40 | 1.31 | 1.23 | 1.16 | 1.10 | 1.04 | 0.98 | 0.93 | 0.88 |
| | | | w_D | L/150 | 3.43 | 3.16 | 2.92 | 2.71 | 2.53 | 2.36 | 2.20 | 2.07 | 1.94 | 1.83 | 1.72 | 1.63 | 1.54 | 1.45 | 1.37 | 1.29 | 1.22 | 1.15 | 1.09 |
| 1.25 | 19.00 | w_S | | 2.49 | 2.31 | 2.14 | 2.00 | 1.87 | 1.75 | 1.61 | 1.50 | 1.39 | 1.30 | 1.21 | 1.14 | 1.07 | 1.00 | 0.94 | 0.89 | 0.84 | 0.80 | 0.76 | 0.72 |
| | | | w_D | L/150 | 3.43 | 3.16 | 2.92 | 2.71 | 2.53 | 2.36 | 2.20 | 2.05 | 1.83 | 1.65 | 1.49 | 1.35 | 1.23 | 1.12 | 1.02 | 0.94 | 0.86 | 0.79 | 0.73 |
| 1.25 | 19.00 | w_S | | 2.64 | 2.46 | 2.31 | 2.16 | 2.03 | 1.91 | 1.81 | 1.71 | 1.62 | 1.54 | 1.46 | 1.39 | 1.32 | 1.25 | 1.18 | 1.11 | 1.05 | 0.99 | 0.94 | 0.89 |
| | | | w_D | L/150 | 4.32 | 3.99 | 3.69 | 3.42 | 3.18 | 2.97 | 2.78 | 2.60 | 2.45 | 2.30 | 2.17 | 2.05 | 1.94 | 1.83 | 1.72 | 1.63 | 1.54 | 1.45 | 1.38 |
| 1.25 | 19.00 | w_S | | 4.32 | 3.99 | 3.69 | 3.42 | 3.18 | 2.97 | 2.78 | 2.58 | 2.31 | 2.08 | 1.88 | 1.70 | 1.55 | 1.41 | 1.29 | 1.18 | 1.09 | 1.00 | 0.92 | 0.86 |
| | | | w_D | L/300 | 3.33 | 3.10 | 2.91 | 2.72 | 2.56 | 2.41 | 2.28 | 2.15 | 2.04 | 1.94 | 1.84 | 1.75 | 1.67 | 1.57 | 1.48 | 1.40 | 1.32 | 1.25 | 1.19 |

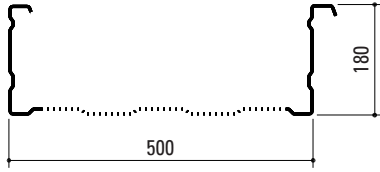
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STAHL
IM GURT GELOCHT

ACIER
A PERFORATION DANS L'AILE

ACCIAIO
PERFORAZIONE NELL FLANGI

STEEL
PERFORATED ON FLANGE



Belastungstabellen für Windsog- (w_s) und Druckbelastung (w_p) auf Grundlage von ABP T17-080.

Tableaux de charge pour la résistance à la succion (w_s) et la pression du vent (w_p) sur la base du ABP T17-080.

Tabelle di carico per l'azione del vento (w_p pressione / w_s depressione) sulla base del certificato di approvazione tecnica ABP T17-080.

Load tables for wind suction (w_s) and pressure (w_p) based on ABP T17-080.

Abstand der Verbindung der Aussenschale a_L ≤ 621 mm
Zwischenauflegerbreite 300 mm
Endauflegerbreite 40 mm
Gebrauchstauglichkeit 1.00
Tragsicherheit 1.65
Streckgrenze min. 320 N/mm²

Distance entre la fixation de la face extérieure a_L ≤ 621 mm
Appuis intermédiaires 300 mm
Appuis aux extrémités 40 mm
Aptitude au service 1.00
Facteur de sécurité structural 1.65
Limite élastique min. 320 N/mm²

Distanza tra i fissaggi del rivestimento esterno a_L ≤ 621 mm
Largh. dell'appoggio intermedio 300 mm
Largh. dell'appoggio all'estremità 40 mm
Idoneità all'uso 1.00
Fattore di sicurezza strutturale 1.65
Limite d'elasticità min. 320 N/mm²

Distance between fixation of outer sheet a_L ≤ 621 mm
Intermediate support 300 mm
Support at the ends 40 mm
Usability 1.00
Safety factor against failure 1.65
Yield strength min. 320 N/mm²

| Spannweite / Portée Luce / Span | | m | 5.25 | 5.50 | 5.75 | 6.00 | 6.25 | 6.50 | 6.75 | 7.00 | 7.25 | 7.50 | 7.75 | 8.00 | 8.25 | 8.50 | 8.75 | 9.00 | 9.25 | 9.50 | 9.75 | 10.00 | |
|------------------------------------|-------------------|-------|-------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|------|
| t | kg/m ² | | max f | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | |
| 0.75 | 10.41 | w_D | L/150 | 1.48 | 1.36 | 1.24 | 1.14 | 1.05 | 0.97 | 0.90 | 0.84 | 0.78 | 0.73 | 0.68 | 0.64 | 0.60 | 0.57 | 0.54 | 0.51 | 0.48 | 0.46 | 0.43 | 0.41 |
| | | | L/300 | 1.48 | 1.36 | 1.21 | 1.06 | 0.94 | 0.84 | 0.75 | 0.67 | 0.60 | 0.55 | 0.49 | 0.45 | 0.41 | 0.37 | 0.34 | 0.32 | 0.29 | 0.27 | 0.25 | 0.23 |
| 0.88 | 12.22 | w_S | | 1.41 | 1.29 | 1.18 | 1.08 | 1.00 | 0.92 | 0.85 | 0.79 | 0.74 | 0.69 | 0.65 | 0.61 | 0.57 | 0.54 | 0.51 | 0.48 | 0.45 | 0.43 | 0.41 | 0.39 |
| | | | w_D | L/150 | 1.87 | 1.70 | 1.56 | 1.43 | 1.32 | 1.22 | 1.13 | 1.05 | 0.98 | 0.91 | 0.86 | 0.80 | 0.76 | 0.71 | 0.67 | 0.64 | 0.60 | 0.57 | 0.53 |
| 1.00 | 13.88 | w_D | L/300 | 1.69 | 1.47 | 1.29 | 1.13 | 1.00 | 0.89 | 0.80 | 0.71 | 0.64 | 0.58 | 0.53 | 0.48 | 0.44 | 0.40 | 0.37 | 0.34 | 0.31 | 0.29 | 0.26 | 0.24 |
| | | | w_S | | 1.82 | 1.66 | 1.52 | 1.40 | 1.29 | 1.19 | 1.10 | 1.03 | 0.96 | 0.89 | 0.84 | 0.79 | 0.74 | 0.70 | 0.66 | 0.62 | 0.59 | 0.56 | 0.53 |
| 1.25 | 17.36 | w_D | L/150 | 2.21 | 2.01 | 1.84 | 1.69 | 1.56 | 1.44 | 1.33 | 1.24 | 1.16 | 1.08 | 1.01 | 0.95 | 0.89 | 0.84 | 0.77 | 0.71 | 0.65 | 0.60 | 0.56 | 0.52 |
| | | | L/300 | 1.79 | 1.55 | 1.36 | 1.20 | 1.06 | 0.94 | 0.84 | 0.75 | 0.68 | 0.61 | 0.56 | 0.50 | 0.46 | 0.42 | 0.39 | 0.35 | 0.33 | 0.30 | 0.28 | 0.26 |
| 1.25 | 17.36 | w_S | | 2.20 | 2.01 | 1.84 | 1.69 | 1.55 | 1.44 | 1.33 | 1.24 | 1.16 | 1.08 | 1.01 | 0.95 | 0.89 | 0.84 | 0.79 | 0.75 | 0.71 | 0.67 | 0.64 | 0.61 |
| | | | w_D | L/150 | 2.78 | 2.53 | 2.32 | 2.13 | 1.96 | 1.81 | 1.68 | 1.56 | 1.46 | 1.36 | 1.28 | 1.20 | 1.13 | 1.06 | 0.97 | 0.89 | 0.82 | 0.76 | 0.70 |
| 1.25 | 17.36 | w_S | L/300 | 2.25 | 1.96 | 1.71 | 1.51 | 1.33 | 1.19 | 1.06 | 0.95 | 0.85 | 0.77 | 0.70 | 0.64 | 0.58 | 0.53 | 0.49 | 0.45 | 0.41 | 0.38 | 0.35 | 0.33 |
| | | | | 2.76 | 2.52 | 2.30 | 2.12 | 1.95 | 1.80 | 1.67 | 1.55 | 1.45 | 1.35 | 1.27 | 1.19 | 1.12 | 1.05 | 1.00 | 0.94 | 0.89 | 0.84 | 0.80 | 0.76 |

| Spannweite / Portée Luce / Span | | m | 5.25 | 5.50 | 5.75 | 6.00 | 6.25 | 6.50 | 6.75 | 7.00 | 7.25 | 7.50 | 7.75 | 8.00 | 8.25 | 8.50 | 8.75 | 9.00 | 9.25 | 9.50 | 9.75 | 10.00 | |
|------------------------------------|-------------------|-------|-------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|------|
| t | kg/m ² | | max f | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | |
| 0.75 | 10.41 | w_D | L/150 | 1.43 | 1.33 | 1.24 | 1.16 | 1.08 | 1.02 | 0.96 | 0.90 | 0.84 | 0.78 | 0.73 | 0.69 | 0.65 | 0.61 | 0.58 | 0.54 | 0.52 | 0.49 | 0.46 | 0.44 |
| | | | L/300 | 1.43 | 1.33 | 1.24 | 1.16 | 1.08 | 1.02 | 0.96 | 0.90 | 0.84 | 0.78 | 0.73 | 0.69 | 0.65 | 0.61 | 0.58 | 0.54 | 0.52 | 0.49 | 0.46 | 0.44 |
| 0.88 | 12.22 | w_S | | 1.18 | 1.09 | 1.02 | 0.95 | 0.89 | 0.84 | 0.79 | 0.74 | 0.70 | 0.66 | 0.62 | 0.58 | 0.55 | 0.52 | 0.49 | 0.46 | 0.44 | 0.41 | 0.39 | 0.37 |
| | | | w_D | L/150 | 1.90 | 1.76 | 1.63 | 1.52 | 1.42 | 1.32 | 1.22 | 1.14 | 1.06 | 0.99 | 0.93 | 0.87 | 0.82 | 0.77 | 0.73 | 0.69 | 0.65 | 0.62 | 0.59 |
| 1.00 | 13.88 | w_D | L/300 | 1.90 | 1.76 | 1.63 | 1.52 | 1.42 | 1.32 | 1.22 | 1.14 | 1.06 | 0.99 | 0.93 | 0.87 | 0.82 | 0.77 | 0.73 | 0.69 | 0.65 | 0.62 | 0.59 | 0.56 |
| | | | w_S | | 1.55 | 1.45 | 1.35 | 1.27 | 1.19 | 1.12 | 1.06 | 1.00 | 0.93 | 0.87 | 0.81 | 0.76 | 0.72 | 0.68 | 0.64 | 0.60 | 0.57 | 0.54 | 0.51 |
| 1.25 | 17.36 | w_D | L/150 | 2.25 | 2.07 | 1.92 | 1.78 | 1.66 | 1.55 | 1.45 | 1.36 | 1.26 | 1.18 | 1.11 | 1.04 | 0.98 | 0.92 | 0.87 | 0.82 | 0.78 | 0.74 | 0.70 | 0.66 |
| | | | L/300 | 2.25 | 2.07 | 1.92 | 1.78 | 1.66 | 1.55 | 1.45 | 1.36 | 1.26 | 1.18 | 1.11 | 1.04 | 0.98 | 0.92 | 0.87 | 0.82 | 0.78 | 0.74 | 0.70 | 0.66 |
| 1.25 | 17.36 | w_S | | 1.85 | 1.73 | 1.62 | 1.52 | 1.43 | 1.35 | 1.28 | 1.20 | 1.12 | 1.05 | 0.98 | 0.92 | 0.87 | 0.82 | 0.77 | 0.73 | 0.69 | 0.65 | 0.62 | 0.59 |
| | | | w_D | L/150 | 2.82 | 2.61 | 2.41 | 2.24 | 2.09 | 1.95 | 1.82 | 1.70 | 1.59 | 1.48 | 1.39 | 1.30 | 1.23 | 1.15 | 1.09 | 1.03 | 0.97 | 0.92 | 0.88 |
| 1.25 | 17.36 | w_S | L/300 | 2.82 | 2.61 | 2.41 | 2.24 | 2.09 | 1.95 | 1.82 | 1.70 | 1.59 | 1.48 | 1.39 | 1.30 | 1.23 | 1.15 | 1.09 | 1.03 | 0.97 | 0.91 | 0.84 | 0.78 |
| | | | | 2.34 | 2.18 | 2.05 | 1.92 | 1.81 | 1.70 | 1.61 | 1.52 | 1.41 | 1.32 | 1.24 | 1.16 | 1.09 | 1.03 | 0.97 | 0.92 | 0.87 | 0.82 | 0.78 | 0.74 |

| Spannweite / Portée Luce / Span | | m | 5.25 | 5.50 | 5.75 | 6.00 | 6.25 | 6.50 | 6.75 | 7.00 | 7.25 | 7.50 | 7.75 | 8.00 | 8.25 | 8.50 | 8.75 | 9.00 | 9.25 | 9.50 | 9.75 | 10.00 | |
|------------------------------------|-------------------|-------|-------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|------|
| t | kg/m ² | | max f | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | |
| 0.75 | 10.41 | w_D | L/150 | 1.71 | 1.59 | 1.48 | 1.39 | 1.30 | 1.22 | 1.15 | 1.09 | 1.03 | 0.97 | 0.92 | 0.86 | 0.81 | 0.76 | 0.72 | 0.68 | 0.64 | 0.61 | 0.58 | 0.55 |
| | | | L/300 | 1.71 | 1.59 | 1.48 | 1.39 | 1.30 | 1.22 | 1.15 | 1.09 | 1.03 | 0.97 | 0.92 | 0.85 | 0.77 | 0.71 | 0.65 | 0.60 | 0.55 | 0.51 | 0.47 | 0.44 |
| 0.88 | 12.22 | w_S | | 1.41 | 1.31 | 1.22 | 1.14 | 1.07 | 1.01 | 0.95 | 0.90 | 0.85 | 0.80 | 0.76 | 0.72 | 0.69 | 0.65 | 0.61 | 0.58 | 0.55 | 0.52 | 0.49 | 0.47 |
| | | | w_D | L/150 | 2.30 | 2.13 | 1.98 | 1.84 | 1.72 | 1.61 | 1.51 | 1.42 | 1.33 | 1.24 | 1.16 | 1.09 | 1.02 | 0.96 | 0.91 | 0.86 | 0.81 | 0.77 | 0.73 |
| 1.00 | 13.88 | w_D | L/300 | 2.30 | 2.13 | 1.98 | 1.84 | 1.72 | 1.61 | 1.50 | 1.35 | 1.21 | 1.10 | 0.99 | 0.90 | 0.82 | 0.75 | 0.69 | 0.63 | 0.58 | 0.54 | 0.50 | 0.46 |
| | | | w_S | | 1.84 | 1.72 | 1.61 | 1.51 | 1.42 | 1.34 | 1.26 | 1.20 | 1.13 | 1.07 | 1.02 | 0.95 | 0.90 | 0.84 | 0.80 | 0.75 | 0.71 | 0.68 | 0.64 |
| 1.25 | 17.36 | w_D | L/150 | 2.73 | 2.52 | 2.34 | 2.17 | 2.03 | 1.89 | 1.77 | 1.66 | 1.56 | 1.47 | 1.38 | 1.30 | 1.22 | 1.15 | 1.09 | 1.03 | 0.97 | 0.92 | 0.87 | 0.83 |
| | | | L/300 | 2.73 | 2.52 | 2.34 | 2.17 | 2.00 | 1.78 | 1.59 | 1.42 | 1.28 | 1.16 | 1.05 | 0.95 | 0.87 | 0.80 | 0.73 | 0.67 | 0.62 | 0.57 | 0.53 | 0.49 |
| 1.25 | 17.36 | w_S | | 2.20 | 2.06 | 1.93 | 1.81 | 1.71 | 1.61 | 1.52 | 1.44 | 1.37 | 1.30 | 1.23 | 1.15 | 1.08 | 1.02 | 0.96 | 0.91 | 0.86 | 0.82 | 0.78 | 0.74 |
| | | | w_D | L/150 | 3.43 | 3.17 | 2.94 | 2.73 | 2.54 | 2.38 | 2.23 | 2.09 | 1.96 | 1.85 | 1.74 | 1.63 | 1.53 | 1.44 | 1.36 | 1.29 | 1.22 | 1.16 | 1.10 |
| 1.25 | 17.36 | w_S | L/300 | 3.43 | 3.17 | 2.94 | 2.73 | 2.52 | 2.24 | 2.00 | 1.80 | 1.62 | 1.46 | 1.32 | 1.20 | 1.10 | 1.00 | 0.92 | 0.85 | 0.78 | 0.72 | 0.66 | 0.62 |
| | | | | 2.77 | 2.59 | 2.43 | 2.28 | 2.15 | 2.03 | 1.92 | 1.82 | 1.72 | 1.64 | 1.55 | 1.45 | 1.36 | 1.29 | 1.21 | 1.15 | 1.09 | 1.03 | 0.98 | 0.93 |

MK 180/500 MONTAPLUS®

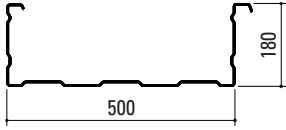


STAHL

ACIER

ACCIAIO

STEEL



Zum Systemaufbau MONTAPLUS® und LAMBDAcassette mit Distanzverschraubung. Belastungstabellen für Wind-
sog- (w_s) und Druckbelastung (w_p) auf
Grundlage von ABP T17-080.

Pour le module MONTAPLUS® et LAMB-
DACassette avec vis de distance auto-
perçantes. Tableaux de charge pour la
résistance à la succion (w_s) et la pression
du vent (w_p) sur la base du ABP T17-080.

Per modulo MONTAPLUS® e LAMBDA-
Cassette con vite distanziatrice autop-
forante. Tabelle di carico per l'azione del
vento (w_p pressione / w_s depressione)
sulla base del certificato di approvazione
tecnica ABP T17-080.

For MONTAPLUS® and LAMBDAc-
assette modul with distance self drilling
fastening.
Load tables for wind suction (w_s) and
pressure (w_p) based on ABP T17-080.

Abstand der Verbindung
der Aussenschale a_1 ≤ 621 mm
Zwischenauflegerbreite 300 mm
Endauflegerbreite 40 mm
Gebrauchstauglichkeit 1.00
Tragsicherheit 1.65
Streckgrenze min. 320 N/mm²

Distance entre la fixation
de la face extérieure a_1 ≤ 621 mm
Appuis intermédiaires 300 mm
Appuis aux extrémités 40 mm
Aptitude au service 1.00
Facteur de sécurité structural 1.65
Limite élastique min. 320 N/mm²

Distanza tra i fissaggi del
rivestimento esterno a_1 ≤ 621 mm
Largh. dell'appoggio intermedio 300 mm
Largh. dell'appoggio all'estremità 40 mm
Idoneità all'uso 1.00
Fattore di sicurezza strutturale 1.65
Limite d'elasticità min. 320 N/mm²

Distance between fixation
of outer sheet a_1 ≤ 621 mm
Intermediate support 300 mm
Support at the ends 40 mm
Usability 1.00
Safety factor against failure 1.65
Yield strength min. 320 N/mm²

| Spannweite / Portée Luce / Span | | m | 5.00 | 5.25 | 5.50 | 5.75 | 6.00 | 6.25 | 6.50 | 6.75 | 7.00 | 7.25 | 7.50 | 7.75 | 8.00 | 8.25 | 8.50 | 8.75 | 9.00 | 9.25 | 9.50 | 9.75 | |
|------------------------------------|-------------------|-------|-------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|------|
| t | kg/m ² | | max f | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | |
| 0.75 | 11.40 | w_D | L/150 | 1.33 | 1.21 | 1.10 | 1.01 | 0.93 | 0.85 | 0.79 | 0.73 | 0.68 | 0.63 | 0.59 | 0.56 | 0.52 | 0.49 | 0.46 | 0.44 | 0.41 | 0.39 | 0.37 | 0.35 |
| | | | L/300 | 1.33 | 1.21 | 1.10 | 1.01 | 0.93 | 0.85 | 0.79 | 0.73 | 0.68 | 0.63 | 0.59 | 0.56 | 0.52 | 0.49 | 0.46 | 0.44 | 0.41 | 0.39 | 0.36 | 0.33 |
| | | w_S | | 1.86 | 1.69 | 1.54 | 1.41 | 1.29 | 1.19 | 1.10 | 1.02 | 0.95 | 0.89 | 0.83 | 0.78 | 0.73 | 0.68 | 0.64 | 0.61 | 0.57 | 0.54 | 0.52 | 0.49 |
| 0.88 | 13.38 | w_D | L/150 | 1.65 | 1.50 | 1.37 | 1.25 | 1.15 | 1.06 | 0.98 | 0.91 | 0.84 | 0.79 | 0.73 | 0.69 | 0.65 | 0.61 | 0.57 | 0.54 | 0.51 | 0.48 | 0.46 | 0.43 |
| | | | L/300 | 1.65 | 1.50 | 1.37 | 1.25 | 1.15 | 1.06 | 0.98 | 0.91 | 0.84 | 0.79 | 0.73 | 0.66 | 0.60 | 0.55 | 0.50 | 0.46 | 0.42 | 0.39 | 0.36 | 0.33 |
| | | w_S | | 2.44 | 2.22 | 2.02 | 1.85 | 1.70 | 1.56 | 1.45 | 1.34 | 1.25 | 1.16 | 1.09 | 1.02 | 0.95 | 0.90 | 0.85 | 0.80 | 0.75 | 0.71 | 0.68 | 0.64 |
| 1.00 | 15.20 | w_D | L/150 | 2.00 | 1.81 | 1.65 | 1.51 | 1.39 | 1.28 | 1.18 | 1.10 | 1.02 | 0.95 | 0.89 | 0.83 | 0.78 | 0.73 | 0.69 | 0.65 | 0.62 | 0.58 | 0.55 | 0.53 |
| | | | L/300 | 2.00 | 1.81 | 1.65 | 1.51 | 1.39 | 1.28 | 1.18 | 1.08 | 0.97 | 0.87 | 0.79 | 0.71 | 0.65 | 0.59 | 0.54 | 0.50 | 0.46 | 0.42 | 0.39 | 0.36 |
| | | w_S | | 2.87 | 2.70 | 2.46 | 2.25 | 2.07 | 1.91 | 1.76 | 1.64 | 1.52 | 1.42 | 1.33 | 1.24 | 1.16 | 1.10 | 1.03 | 0.97 | 0.92 | 0.87 | 0.83 | 0.78 |
| 1.25 | 19.00 | w_D | L/150 | 2.52 | 2.29 | 2.08 | 1.91 | 1.75 | 1.61 | 1.49 | 1.38 | 1.29 | 1.20 | 1.12 | 1.05 | 0.98 | 0.93 | 0.87 | 0.82 | 0.78 | 0.74 | 0.70 | 0.66 |
| | | | L/300 | 2.52 | 2.29 | 2.08 | 1.91 | 1.75 | 1.61 | 1.49 | 1.36 | 1.22 | 1.10 | 0.99 | 0.90 | 0.82 | 0.75 | 0.68 | 0.63 | 0.58 | 0.53 | 0.49 | 0.45 |
| | | w_S | | 3.62 | 3.41 | 3.11 | 2.84 | 2.61 | 2.41 | 2.22 | 2.06 | 1.92 | 1.79 | 1.67 | 1.56 | 1.47 | 1.38 | 1.30 | 1.23 | 1.16 | 1.10 | 1.04 | 0.99 |

| Spannweite / Portée Luce / Span | | m | 5.00 | 5.25 | 5.50 | 5.75 | 6.00 | 6.25 | 6.50 | 6.75 | 7.00 | 7.25 | 7.50 | 7.75 | 8.00 | 8.25 | 8.50 | 8.75 | 9.00 | 9.25 | 9.50 | 9.75 | |
|------------------------------------|-------------------|-------|-------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|------|
| t | kg/m ² | | max f | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | |
| 0.75 | 11.40 | w_D | L/150 | 1.79 | 1.67 | 1.56 | 1.46 | 1.37 | 1.29 | 1.21 | 1.15 | 1.08 | 1.03 | 0.97 | 0.90 | 0.85 | 0.80 | 0.75 | 0.71 | 0.67 | 0.63 | 0.60 | 0.57 |
| | | | L/300 | 1.79 | 1.67 | 1.56 | 1.46 | 1.37 | 1.29 | 1.21 | 1.15 | 1.08 | 1.03 | 0.97 | 0.90 | 0.85 | 0.80 | 0.75 | 0.71 | 0.67 | 0.63 | 0.60 | 0.57 |
| | | w_S | | 1.22 | 1.12 | 1.03 | 0.95 | 0.87 | 0.80 | 0.74 | 0.69 | 0.64 | 0.60 | 0.56 | 0.52 | 0.49 | 0.46 | 0.43 | 0.41 | 0.39 | 0.37 | 0.35 | 0.33 |
| 0.88 | 13.38 | w_D | L/150 | 2.45 | 2.26 | 2.10 | 1.95 | 1.82 | 1.70 | 1.59 | 1.47 | 1.37 | 1.28 | 1.19 | 1.12 | 1.05 | 0.99 | 0.93 | 0.88 | 0.83 | 0.78 | 0.74 | 0.71 |
| | | | L/300 | 2.45 | 2.26 | 2.10 | 1.95 | 1.82 | 1.70 | 1.59 | 1.47 | 1.37 | 1.28 | 1.19 | 1.12 | 1.05 | 0.99 | 0.93 | 0.88 | 0.83 | 0.78 | 0.74 | 0.71 |
| | | w_S | | 1.64 | 1.48 | 1.35 | 1.24 | 1.14 | 1.05 | 0.97 | 0.90 | 0.84 | 0.78 | 0.73 | 0.68 | 0.64 | 0.60 | 0.57 | 0.53 | 0.51 | 0.48 | 0.45 | 0.43 |
| 1.00 | 15.20 | w_D | L/150 | 2.83 | 2.61 | 2.41 | 2.24 | 2.08 | 1.94 | 1.81 | 1.70 | 1.59 | 1.50 | 1.40 | 1.31 | 1.23 | 1.16 | 1.09 | 1.03 | 0.97 | 0.92 | 0.87 | 0.83 |
| | | | L/300 | 2.83 | 2.61 | 2.41 | 2.24 | 2.08 | 1.94 | 1.81 | 1.70 | 1.59 | 1.50 | 1.40 | 1.31 | 1.23 | 1.16 | 1.09 | 1.03 | 0.97 | 0.92 | 0.87 | 0.83 |
| | | w_S | | 1.95 | 1.81 | 1.69 | 1.54 | 1.42 | 1.30 | 1.21 | 1.12 | 1.04 | 0.97 | 0.91 | 0.85 | 0.80 | 0.75 | 0.71 | 0.67 | 0.63 | 0.60 | 0.56 | 0.54 |
| 1.25 | 19.00 | w_D | L/150 | 3.57 | 3.29 | 3.04 | 2.82 | 2.62 | 2.44 | 2.28 | 2.14 | 2.01 | 1.89 | 1.77 | 1.66 | 1.56 | 1.46 | 1.38 | 1.30 | 1.23 | 1.16 | 1.10 | 1.05 |
| | | | L/300 | 3.57 | 3.29 | 3.04 | 2.82 | 2.62 | 2.44 | 2.28 | 2.14 | 2.01 | 1.89 | 1.77 | 1.66 | 1.56 | 1.46 | 1.38 | 1.30 | 1.23 | 1.16 | 1.10 | 1.05 |
| | | w_S | | 2.46 | 2.28 | 2.12 | 1.94 | 1.78 | 1.64 | 1.52 | 1.41 | 1.31 | 1.22 | 1.14 | 1.07 | 1.00 | 0.94 | 0.89 | 0.84 | 0.79 | 0.75 | 0.71 | 0.68 |

| Spannweite / Portée Luce / Span | | m | 5.00 | 5.25 | 5.50 | 5.75 | 6.00 | 6.25 | 6.50 | 6.75 | 7.00 | 7.25 | 7.50 | 7.75 | 8.00 | 8.25 | 8.50 | 8.75 | 9.00 | 9.25 | 9.50 | 9.75 | |
|------------------------------------|-------------------|-------|-------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|------|
| t | kg/m ² | | max f | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | |
| 0.75 | 11.40 | w_D | L/150 | 2.08 | 1.89 | 1.72 | 1.58 | 1.45 | 1.33 | 1.23 | 1.14 | 1.06 | 0.99 | 0.93 | 0.87 | 0.81 | 0.77 | 0.72 | 0.68 | 0.64 | 0.61 | 0.58 | 0.55 |
| | | | L/300 | 2.08 | 1.89 | 1.72 | 1.58 | 1.45 | 1.33 | 1.23 | 1.14 | 1.06 | 0.99 | 0.93 | 0.87 | 0.81 | 0.77 | 0.72 | 0.68 | 0.64 | 0.61 | 0.58 | 0.55 |
| | | w_S | | 1.50 | 1.37 | 1.26 | 1.16 | 1.08 | 1.00 | 0.93 | 0.86 | 0.80 | 0.75 | 0.70 | 0.65 | 0.61 | 0.58 | 0.54 | 0.51 | 0.48 | 0.46 | 0.43 | 0.41 |
| 0.88 | 13.38 | w_D | L/150 | 2.58 | 2.34 | 2.13 | 1.95 | 1.79 | 1.65 | 1.53 | 1.42 | 1.32 | 1.23 | 1.15 | 1.08 | 1.01 | 0.95 | 0.89 | 0.84 | 0.80 | 0.75 | 0.72 | 0.68 |
| | | | L/300 | 2.58 | 2.34 | 2.13 | 1.95 | 1.79 | 1.65 | 1.53 | 1.42 | 1.32 | 1.23 | 1.15 | 1.08 | 1.01 | 0.95 | 0.89 | 0.84 | 0.80 | 0.74 | 0.68 | 0.63 |
| | | w_S | | 2.05 | 1.86 | 1.69 | 1.55 | 1.42 | 1.31 | 1.21 | 1.12 | 1.04 | 0.97 | 0.91 | 0.85 | 0.80 | 0.75 | 0.71 | 0.67 | 0.63 | 0.60 | 0.57 | 0.54 |
| 1.00 | 15.20 | w_D | L/150 | 3.13 | 2.84 | 2.58 | 2.36 | 2.17 | 2.00 | 1.85 | 1.72 | 1.59 | 1.49 | 1.39 | 1.30 | 1.22 | 1.15 | 1.08 | 1.02 | 0.96 | 0.91 | 0.87 | 0.82 |
| | | | L/300 | 3.13 | 2.84 | 2.58 | 2.36 | 2.17 | 2.00 | 1.85 | 1.72 | 1.59 | 1.49 | 1.39 | 1.30 | 1.22 | 1.12 | 1.02 | 0.94 | 0.86 | 0.79 | 0.73 | 0.68 |
| | | w_S | | 2.32 | 2.16 | 2.01 | 1.88 | 1.76 | 1.63 | 1.51 | 1.40 | 1.30 | 1.21 | 1.13 | 1.06 | 1.00 | 0.94 | 0.88 | 0.83 | 0.79 | 0.74 | 0.71 | 0.67 |
| 1.25 | 19.00 | w_D | L/150 | 3.94 | 3.57 | 3.26 | 2.98 | 2.74 | 2.52 | 2.33 | 2.16 | 2.01 | 1.87 | 1.75 | 1.64 | 1.54 | 1.45 | 1.36 | 1.29 | 1.22 | 1.15 | 1.09 | 1.04 |
| | | | L/300 | 3.94 | 3.57 | 3.26 | 2.98 | 2.74 | 2.52 | 2.33 | 2.16 | 2.01 | 1.87 | 1.75 | 1.64 | 1.54 | 1.41 | 1.29 | 1.18 | 1.09 | 1.00 | 0.92 | 0.86 |
| | | w_S | | 2.93 | 2.72 | 2.54 | 2.37 | 2.22 | 2.06 | 1.90 | 1.76 | 1.64 | 1.53 | 1.43 | 1.34 | 1.25 | 1.18 | 1.11 | 1.05 | 0.99 | 0.94 | 0.89 | 0.84 |

MK 180/500 A MONTAPLUS®

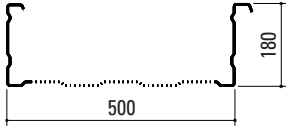


STAHL
IM GURT GELOCHT

ACIER
A PERFORATION DANS L'AILE

ACCIAIO
PERFORAZIONE NELL FLANGI

STEEL
PERFORATED ON FLANGE



Zum Systemaufbau MONTAPLUS® und LAMBDA-Cassette mit Distanzverschraubung. Belastungstabellen für Wind-
sog- (w_s) und Druckbelastung (w_p) auf
Grundlage von ABP T17-080.

Pour le module MONTAPLUS® et LAMB-
DACassette avec vis de distance auto-
perçantes. Tableaux de charge pour la
résistance à la succion (w_s) et la pression
du vent (w_p) sur la base du ABP T17-080.

Per modulo MONTAPLUS® e LAMBDA-
Cassette con vite distanziatrice autop-
forante. Tabelle di carico per l'azione del
vento (w_p pressione / w_s depressione)
sulla base del certificato di approvazione
tecnica ABP T17-080.

For MONTAPLUS® and LAMBDA-Cas-
sette modul with distance self drilling
fastening.
Load tables for wind suction (w_s) and
pressure (w_p) based on ABP T17-080.

Abstand der Verbindung
der Aussenschale a_1 ≤ 621 mm
Zwischenauflegerbreite 300 mm
Endauflegerbreite 40 mm
Gebrauchstauglichkeit 1.00
Tragsicherheit 1.65
Streckgrenze min. 320 N/mm²

Distance entre la fixation
de la face extérieure a_1 ≤ 621 mm
Appuis intermédiaires 300 mm
Appuis aux extrémités 40 mm
Aptitude au service 1.00
Facteur de sécurité structural 1.65
Limite élastique min. 320 N/mm²

Distanza tra i fissaggi del
rivestimento esterno a_1 ≤ 621 mm
Largh. dell'appoggio intermedio 300 mm
Largh. dell'appoggio all'estremità 40 mm
Idoneità all'uso 1.00
Fattore di sicurezza strutturale 1.65
Limite d'elasticità min. 320 N/mm²

Distance between fixation
of outer sheet a_1 ≤ 621 mm
Intermediate support 300 mm
Support at the ends 40 mm
Usability 1.00
Safety factor against failure 1.65
Yield strength min. 320 N/mm²

| Spannweite / Portée Luce / Span | | m | 5.25 | 5.50 | 5.75 | 6.00 | 6.25 | 6.50 | 6.75 | 7.00 | 7.25 | 7.50 | 7.75 | 8.00 | 8.25 | 8.50 | 8.75 | 9.00 | 9.25 | 9.50 | 9.75 | 10.00 | |
|------------------------------------|-------------------|-------|-------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|------|
| t | kg/m ² | | max f | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | |
| 0.75 | 10.41 | w_D | L/150 | 1.12 | 1.02 | 0.93 | 0.86 | 0.79 | 0.73 | 0.68 | 0.63 | 0.59 | 0.55 | 0.51 | 0.48 | 0.45 | 0.43 | 0.40 | 0.38 | 0.36 | 0.34 | 0.32 | 0.31 |
| | | | L/300 | 1.12 | 1.02 | 0.93 | 0.86 | 0.79 | 0.73 | 0.68 | 0.63 | 0.59 | 0.55 | 0.49 | 0.45 | 0.41 | 0.37 | 0.34 | 0.32 | 0.29 | 0.27 | 0.25 | 0.23 |
| 0.88 | 12.22 | w_S | | 1.41 | 1.29 | 1.18 | 1.08 | 1.00 | 0.92 | 0.85 | 0.79 | 0.74 | 0.69 | 0.65 | 0.61 | 0.57 | 0.54 | 0.51 | 0.48 | 0.45 | 0.43 | 0.41 | 0.39 |
| | | | w_D | L/150 | 1.40 | 1.28 | 1.17 | 1.07 | 0.99 | 0.91 | 0.85 | 0.79 | 0.73 | 0.69 | 0.64 | 0.60 | 0.57 | 0.53 | 0.50 | 0.48 | 0.45 | 0.43 | 0.41 |
| 1.00 | 13.88 | w_S | | 1.82 | 1.66 | 1.52 | 1.40 | 1.29 | 1.19 | 1.10 | 1.03 | 0.96 | 0.89 | 0.84 | 0.79 | 0.74 | 0.70 | 0.66 | 0.62 | 0.59 | 0.56 | 0.53 | 0.50 |
| | | | w_D | L/150 | 1.65 | 1.51 | 1.38 | 1.27 | 1.17 | 1.08 | 1.00 | 0.93 | 0.87 | 0.81 | 0.76 | 0.71 | 0.67 | 0.63 | 0.60 | 0.56 | 0.53 | 0.51 | 0.48 |
| 1.25 | 17.36 | w_S | | 2.20 | 2.01 | 1.84 | 1.69 | 1.55 | 1.44 | 1.33 | 1.24 | 1.16 | 1.08 | 1.01 | 0.95 | 0.89 | 0.84 | 0.79 | 0.75 | 0.71 | 0.67 | 0.64 | 0.61 |
| | | | w_D | L/150 | 2.08 | 1.90 | 1.74 | 1.60 | 1.47 | 1.36 | 1.26 | 1.17 | 1.09 | 1.02 | 0.96 | 0.90 | 0.84 | 0.80 | 0.75 | 0.71 | 0.67 | 0.64 | 0.60 |
| 1.25 | 17.36 | w_S | | 2.08 | 1.90 | 1.71 | 1.51 | 1.33 | 1.19 | 1.06 | 0.95 | 0.85 | 0.77 | 0.70 | 0.64 | 0.58 | 0.53 | 0.49 | 0.45 | 0.41 | 0.38 | 0.35 | 0.33 |
| | | | w_S | | 2.76 | 2.52 | 2.30 | 2.12 | 1.95 | 1.80 | 1.67 | 1.55 | 1.45 | 1.35 | 1.27 | 1.19 | 1.12 | 1.05 | 1.00 | 0.94 | 0.89 | 0.84 | 0.80 |

| Spannweite / Portée Luce / Span | | m | 5.25 | 5.50 | 5.75 | 6.00 | 6.25 | 6.50 | 6.75 | 7.00 | 7.25 | 7.50 | 7.75 | 8.00 | 8.25 | 8.50 | 8.75 | 9.00 | 9.25 | 9.50 | 9.75 | 10.00 | |
|------------------------------------|-------------------|-------|-------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|------|
| t | kg/m ² | | max f | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | |
| 0.75 | 10.41 | w_D | L/150 | 1.43 | 1.33 | 1.24 | 1.16 | 1.08 | 1.02 | 0.96 | 0.90 | 0.84 | 0.78 | 0.73 | 0.69 | 0.65 | 0.61 | 0.58 | 0.54 | 0.52 | 0.49 | 0.46 | 0.44 |
| | | | L/300 | 1.43 | 1.33 | 1.24 | 1.16 | 1.08 | 1.02 | 0.96 | 0.90 | 0.84 | 0.78 | 0.73 | 0.69 | 0.65 | 0.61 | 0.58 | 0.54 | 0.52 | 0.49 | 0.46 | 0.44 |
| 0.88 | 12.22 | w_S | | 0.99 | 0.92 | 0.85 | 0.78 | 0.72 | 0.66 | 0.62 | 0.57 | 0.53 | 0.50 | 0.47 | 0.44 | 0.41 | 0.39 | 0.37 | 0.35 | 0.33 | 0.31 | 0.30 | 0.28 |
| | | | w_D | L/150 | 1.90 | 1.76 | 1.63 | 1.52 | 1.42 | 1.32 | 1.22 | 1.14 | 1.06 | 0.99 | 0.93 | 0.87 | 0.82 | 0.77 | 0.73 | 0.69 | 0.65 | 0.62 | 0.59 |
| 1.00 | 13.88 | w_S | | 1.33 | 1.21 | 1.11 | 1.02 | 0.94 | 0.87 | 0.80 | 0.75 | 0.70 | 0.65 | 0.61 | 0.57 | 0.54 | 0.51 | 0.48 | 0.45 | 0.43 | 0.41 | 0.38 | 0.37 |
| | | | w_D | L/150 | 2.25 | 2.07 | 1.92 | 1.78 | 1.66 | 1.55 | 1.45 | 1.36 | 1.26 | 1.18 | 1.11 | 1.04 | 0.98 | 0.92 | 0.87 | 0.82 | 0.78 | 0.74 | 0.70 |
| 1.25 | 17.36 | w_S | | 2.25 | 2.07 | 1.92 | 1.78 | 1.66 | 1.55 | 1.45 | 1.36 | 1.26 | 1.18 | 1.11 | 1.04 | 0.98 | 0.92 | 0.87 | 0.82 | 0.78 | 0.74 | 0.70 | 0.66 |
| | | | w_D | L/150 | 2.82 | 2.61 | 2.41 | 2.24 | 2.09 | 1.95 | 1.82 | 1.70 | 1.59 | 1.48 | 1.39 | 1.30 | 1.23 | 1.15 | 1.09 | 1.03 | 0.97 | 0.92 | 0.88 |
| 1.25 | 17.36 | w_S | | 1.60 | 1.46 | 1.34 | 1.23 | 1.13 | 1.05 | 0.97 | 0.90 | 0.84 | 0.79 | 0.74 | 0.69 | 0.65 | 0.61 | 0.58 | 0.55 | 0.52 | 0.49 | 0.47 | 0.44 |
| | | | w_D | L/150 | 2.82 | 2.61 | 2.41 | 2.24 | 2.09 | 1.95 | 1.82 | 1.70 | 1.59 | 1.48 | 1.39 | 1.30 | 1.23 | 1.15 | 1.09 | 1.03 | 0.97 | 0.92 | 0.88 |
| 1.25 | 17.36 | w_S | | 2.82 | 2.61 | 2.41 | 2.24 | 2.09 | 1.95 | 1.82 | 1.70 | 1.59 | 1.48 | 1.39 | 1.30 | 1.23 | 1.15 | 1.09 | 1.03 | 0.97 | 0.91 | 0.84 | 0.78 |
| | | | w_S | | 2.02 | 1.84 | 1.69 | 1.55 | 1.43 | 1.32 | 1.22 | 1.14 | 1.06 | 0.99 | 0.93 | 0.87 | 0.82 | 0.77 | 0.73 | 0.69 | 0.65 | 0.62 | 0.59 |

| Spannweite / Portée Luce / Span | | m | 5.25 | 5.50 | 5.75 | 6.00 | 6.25 | 6.50 | 6.75 | 7.00 | 7.25 | 7.50 | 7.75 | 8.00 | 8.25 | 8.50 | 8.75 | 9.00 | 9.25 | 9.50 | 9.75 | 10.00 | |
|------------------------------------|-------------------|-------|-------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|------|
| t | kg/m ² | | max f | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | kN/m ² | |
| 0.75 | 10.41 | w_D | L/150 | 1.71 | 1.59 | 1.46 | 1.34 | 1.23 | 1.14 | 1.06 | 0.98 | 0.92 | 0.86 | 0.80 | 0.75 | 0.71 | 0.67 | 0.63 | 0.59 | 0.56 | 0.53 | 0.51 | 0.48 |
| | | | L/300 | 1.71 | 1.59 | 1.46 | 1.34 | 1.23 | 1.14 | 1.06 | 0.98 | 0.92 | 0.86 | 0.80 | 0.75 | 0.71 | 0.67 | 0.63 | 0.59 | 0.55 | 0.51 | 0.47 | 0.44 |
| 0.88 | 12.22 | w_S | | 1.19 | 1.11 | 1.03 | 0.96 | 0.90 | 0.83 | 0.77 | 0.72 | 0.67 | 0.62 | 0.58 | 0.55 | 0.52 | 0.49 | 0.46 | 0.43 | 0.41 | 0.39 | 0.37 | 0.35 |
| | | | w_D | L/150 | 2.19 | 1.99 | 1.82 | 1.68 | 1.54 | 1.43 | 1.32 | 1.23 | 1.15 | 1.07 | 1.00 | 0.94 | 0.89 | 0.83 | 0.79 | 0.74 | 0.70 | 0.67 | 0.63 |
| 1.00 | 13.88 | w_S | | 1.59 | 1.48 | 1.38 | 1.27 | 1.17 | 1.08 | 1.00 | 0.93 | 0.87 | 0.81 | 0.76 | 0.71 | 0.67 | 0.63 | 0.60 | 0.56 | 0.53 | 0.51 | 0.48 | 0.46 |
| | | | w_D | L/150 | 2.58 | 2.35 | 2.15 | 1.98 | 1.82 | 1.69 | 1.56 | 1.45 | 1.36 | 1.27 | 1.19 | 1.11 | 1.05 | 0.99 | 0.93 | 0.88 | 0.83 | 0.79 | 0.75 |
| 1.25 | 17.36 | w_S | | 1.92 | 1.79 | 1.67 | 1.54 | 1.42 | 1.31 | 1.21 | 1.13 | 1.05 | 0.98 | 0.92 | 0.86 | 0.81 | 0.77 | 0.72 | 0.68 | 0.65 | 0.61 | 0.58 | 0.55 |
| | | | w_D | L/150 | 3.26 | 2.97 | 2.71 | 2.49 | 2.30 | 2.12 | 1.97 | 1.83 | 1.71 | 1.60 | 1.49 | 1.40 | 1.32 | 1.24 | 1.17 | 1.11 | 1.05 | 0.99 | 0.94 |
| 1.25 | 17.36 | w_S | | 3.26 | 2.97 | 2.71 | 2.49 | 2.30 | 2.12 | 1.97 | 1.80 | 1.62 | 1.46 | 1.32 | 1.20 | 1.10 | 1.00 | 0.92 | 0.85 | 0.78 | 0.72 | 0.66 | 0.62 |
| | | | w_S | | 2.42 | 2.26 | 2.11 | 1.93 | 1.78 | 1.65 | 1.53 | 1.42 | 1.33 | 1.24 | 1.16 | 1.09 | 1.02 | 0.96 | 0.91 | 0.86 | 0.81 | 0.77 | 0.73 |