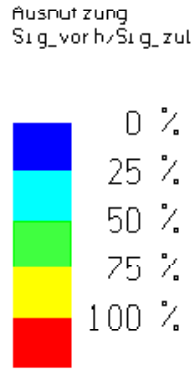
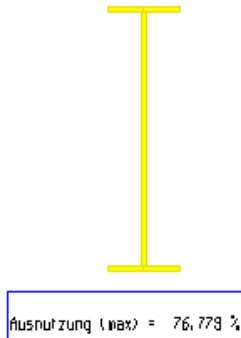
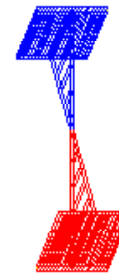


Ausnutzung (DIN EN 1993-1-1) Maximale Ausnutzung
 Element : 53, Stabzug: Rahmen_8, $\chi = 0,38$ [m] $s = 0,38$ [m]
 Material : S235 I-Profil L700



Querschnittsklasse: I

Normalspannung (DIN EN 1993-1-1) Maximale Ausnutzung
 Element : 53, Stabzug: Rahmen_8, $\chi = 0,38$ [m] $s = 0,38$ [m]
 Material : S235 I-Profil L700

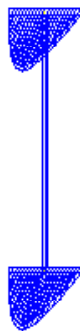


$N_x = -82,96$
 $U_y = -0,06$
 $U_z = 75,06$
 $M_t = 0,00$
 $M_y = -251,73$
 $M_z = 0,02$

$\sigma_{\text{x}}(\text{min}) = -83,758$
 $\sigma_{\text{x}}(\text{max}) = 72,715$
 $\sigma_{\text{Rd}} = 108,081$
 $\sigma_{\text{x}}/\sigma_{\text{Rd}} = 0,768$

$N_x, U_y, U_z, M_t, M_y, M_z$ [kN] $\sigma_{\text{x}}, \tau_{\text{xy}}, \tau_{\text{xz}}$ [N/mm²]

Schubspannung (DIN EN 1993-1-1) Maximale Ausnutzung
 Element : 53, Stabzug: Rahmen_8, $\chi = 0,38$ [m] $s = 0,38$ [m]
 Material : S235 I-Profil L700

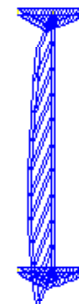


$N_x = -82,96$
 $U_y = -0,06$
 $U_z = 75,06$
 $M_t = 0,00$
 $M_y = -251,73$
 $M_z = 0,02$

$\tau_{\text{xy}}(\text{min}) = -0,000$
 $\tau_{\text{xy}}(\text{max}) = 0,013$

$N_x, U_y, U_z, M_t, M_y, M_z$ [kN] $\sigma_{\text{x}}, \tau_{\text{xy}}, \tau_{\text{xz}}$ [N/mm²]

Schubspannung (DIN EN 1993-1-1) Maximale Ausnutzung
 Element : 53, Stabzug: Rahmen_8, $\chi = 0,38$ [m] $s = 0,38$ [m]
 Material : S235 I-Profil L700

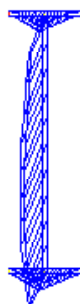


$N_x = -82,96$
 $U_y = -0,06$
 $U_z = 75,06$
 $M_t = 0,00$
 $M_y = -251,73$
 $M_z = 0,02$

$\tau_{\text{yz}}(\text{min}) = 0,000$
 $\tau_{\text{yz}}(\text{max}) = 10,421$

$N_x, U_y, U_z, M_t, M_y, M_z$ [kN] $\sigma_{\text{x}}, \tau_{\text{xy}}, \tau_{\text{xz}}$ [N/mm²]

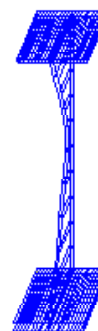
Schubspannung (DIN EN 1993-1-1) Maximale Ausnutzung
 Element : 53, Stabzug: Rahmen_8, $\chi = 0,38$ [m] $s = 0,38$ [m]
 Material : S235 I-Profil L700



$\tau_{\text{xy}}(\text{min}) = -0,000$
 $\tau_{\text{xy}}(\text{max}) = 10,422$
 $\tau_{\text{Rd}} = 62,984$
 $\tau_{\text{xy}}/\tau_{\text{Rd}} = 0,165$

$N_x, U_y, U_z, M_t, M_y, M_z$ [kN] $\sigma_{\text{x}}, \tau_{\text{xy}}, \tau_{\text{xz}}$ [N/mm²]

Vergleichspannung (DIN EN 1993-1-1) Maximale Ausnutzung
 Element : 53, Stabzug: Rahmen_8, $\chi = 0,38$ [m] $s = 0,38$ [m]
 Material : S235 I-Profil L700



$\sigma_{\text{y}}(\text{min}) = 10,071$
 $\sigma_{\text{y}}(\text{max}) = 83,822$
 $\sigma_{\text{Rd}} = 108,081$

$N_x, U_y, U_z, M_t, M_y, M_z$ [kN] $\sigma_{\text{x}}, \tau_{\text{xy}}, \tau_{\text{xz}}$ [N/mm²]