Remarks: See §13.1, page 545 till 585

Answers:

a. $B_v = 140$ kN ↑
$D_v = 20$ kN ↑

b. $M_B = 210$ kNm

$M_c = 60$ kNm

c. $M_{min} = 46{,}67$ kNm (1,33 meter to the left of C)