

Stålbjelkebru med H-bjelker - tredekke

Forutsetninger

Tabellene gjelder for landbruksvegbru typenr. 1 med tredekke og maks føringsbredde på 3,5 meter iht. typetegning K01-1.
Gjelder for to stålbjelker med cc avstander mellom 2,0m og 2,4m. Forutsatt gaffellagret ved ender og avstivet mot vipping.

Stålkvalitet:		S235																	
Bjelketype		HExxxA																	
SPENN, m	2,0	3,0	4,0	5,0	6,0	7,0	8,0	9,0	10,0	11,0	12,0	13,0	14,0	15,0	16,0	17,0	18,0	19,0	20,0
BK10	HE220A	HE240A	HE280A	HE320A	HEE360A	HE400A	HE450A	HE500A	HE500A	HE550A	HE600A	HE650A	HE700A	HE800A	HE900A	HE900A	HE1000A	HE1000A	*
BK8T	HE200A	HE220A	HE260A	HE280A	HE320A	HE360A	HE450A	HE450A	HE500A	HE550A	HE600A	HE650A	HE650A	HE700A	HE800A	HE800A	HE900A	HE900A	HE1000A
BK8	HE200A	HE220A	HE260A	HE280A	HE320A	HE340A	HE400A	HE450A	HE450A	HE500A	HE550A	HE550A	HE600A	HE650A	HE650A	HE700A	HE800A	HE800A	HE900A

Stålkvalitet:		S235																	
Bjelketype		HExxxB																	
SPENN, m	2,0	3,0	4,0	5,0	6,0	7,0	8,0	9,0	10,0	11,0	12,0	13,0	14,0	15,0	16,0	17,0	18,0	19,0	20,0
BK10	HE180B	HE220B	HE260B	HE300B	HE320B	HE340B	HE400B	HE450B	HE450B	HE500B	HE550B	HE600B	HE650B	HE700B	HE800B	HE800B	HE900B	HE900B	HE1000B
BK8T	HE160B	HE200B	HE240B	HE260B	HE280B	HE320B	HE360B	HE400B	HE450B	HE500B	HE550B	HE550B	HE600B	HE650B	HE650B	HE700B	HE800B	HE800B	HE900B
BK8	HE160B	HE200B	HE220B	HE260B	HE280B	HE300B	HE340B	HE360B	HE400B	HE450B	HE500B	HE500B	HE550B	HE550B	HE600B	HE650B	HE700B	HE800B	HE800B

Stålkvalitet:		S355																	
Bjelketype		HExxxA																	
SPENN, m	2,0	3,0	4,0	5,0	6,0	7,0	8,0	9,0	10,0	11,0	12,0	13,0	14,0	15,0	16,0	17,0	18,0	19,0	20,0
BK10	HE180A	HE220A	HE240A	HE280A	HE300A	HE320A	HE360A	HE400A	HE400A	HE450A	HE450A	HE500A	HE550A	HE600A	HE650A	HE700A	HE800A	HE800A	HE900A
BK8T	HE160A	HE200A	HE220A	HE260A	HE280A	HE300A	HE340A	HE360A	HE400A	HE450A	HE450A	HE500A	HE500A	HE550A	HE600A	HE600A	HE650A	HE700A	HE800A
BK8	HE160A	HE180A	HE220A	HE240A	HE280A	HE300A	HE320A	HE340A	HE360A	HE400A	HE450A	HE450A	HE500A	HE500A	HE550A	HE600A	HE650A	HE650A	HE650A

Stålkvalitet:		S355																	
Bjelketype		HExxxB																	
SPENN, m	2,0	3,0	4,0	5,0	6,0	7,0	8,0	9,0	10,0	11,0	12,0	13,0	14,0	15,0	16,0	17,0	18,0	19,0	20,0
BK10	HE180B	HE200B	HE220B	HE240B	HE280B	HE300B	HE320B	HE340B	HE360B	HE400B	HE450B	HE450B	HE500B	HE550B	HE600B	HE650B	HE700B	HE700B	HE800B
BK8T	HE160B	HE180B	HE200B	HE220B	HE240B	HE280B	HE300B	HE320B	HE360B	HE400B	HE400B	HE450B	HE450B	HE500B	HE500B	HE550B	HE600B	HE650B	HE700B
BK8	HE160B	HE160B	HE200B	HE220B	HE240B	HE260B	HE280B	HE300B	HE320B	HE340B	HE360B	HE400B	HE450B	HE450B	HE450B	HE500B	HE550B	HE550B	HE600B

Forutsetninger*

Ved prosjektering av nye bruer gjelder Typetegning 1. Tabellen under gjengir nødvendige dimensjoner for å oppfylle lastkrav iht. HB 185 - 2009 utgave.

Ved oddetallslengder skal høyere dimensjonering alltid benyttes.

Stålkvalitet:		S355								
Bjelketype		HExxxB og HExxxA								
SPENN, m	2,0	4,0	6,0	8,0	10,0	12,0	14,0	16,0	18,0	20,0
HExxxA:	HE300A	HE300A	HE320A	HE450A	HE500A	HE550A	HE700A	HE800A	HE1000A	
HExxxB:				HE340B	HE450B	HE500B	HE600B	HE650B	HE800B	HE1000B

*Kilde: Generelle data for landbruksveibru type 1

Oppdatert 2020 -SWECCO

Bjelke-tabellene HE-B og HE-A viser teknisk data om bjelkene. Benytt disse for å finne frem til hvilken bjelke du har for så å gå inn i riktig tabell for å se hvilken bruksklasse bjelkene faller inn under. Husk at også brukar og brudekke/bruplate må tas inn i vurderinga for å kunne estimere bruksklasse.