

Blanty Theorem

V		W=	V	DL+LL	DL+LL+Bq
H			H	57689	57684 KN
L	15		M	1700	3813 KN
M				30600	68634 KN
DL					
LL					
DL+LL					
DL+LL+B				m'	0.3
I <sub>B</sub>	2485				
K <sub>H</sub>	1				
K	1				
m	KH/K	1			
I <sub>V</sub>	LD2 <sup>3</sup> /12	241			
η		0.5			
D1		15			
D2		5.78			
ρ	D1/ΠD2	0.83			
I	IB+mIV(1+2ηρ)	2925			
r	D1/2ρIV	110.2			

Busume

$$H > (M/r)(1 + \eta m') - m'W$$

H 381.3  
 (M/r)(1 + ηm') - m'W -19.873964973

Safe

$$H < (M/r)(1 - \eta m') + m'$$

21119.5911071

safe

Check for elastic sate

$$mM/l < r(K_p - K_A)$$

KP 3  
 KA 0.3

mM/l 19.48

r(KP-KA) 297.54

safe