

CONCENTRATED TORQUE MODEL		AS	RISA 3D	SAP2000	INVENTOR
MAXIMUM DETECTED VON MISES STRESS Mpa	WITHOUT STIFFENERS	14	44	46	55
MAXIMUM DETECTED VON MISES STRESS Mpa	WITH STIFFENERS	46	39.9	46	61
MAXIMUM TRANSVERSAL DEFLECTION mm	WITHOUT STIFFENERS	0.32	2.78	2.3	2.4
MAXIMUM TRANSVERSAL DEFLECTION mm	WITH STIFFENERS	2.08	2.19	2.2	2

EDGE LOAD MODEL		AS MODEL	RISA 3D MODEL	SAP2000	INVENTOR
MAXIMUM DETECTED VON MISES STRESS Mpa	WITHOUT STIFFENERS	79	257		270
MAXIMUM DETECTED VON MISES STRESS Mpa	WITH STIFFENERS	202	196		232
MAXIMUM VERTICAL DEFLECTION mm	WITHOUT STIFFENERS	4	16		12.18
MAXIMUM VERTICAL DEFLECTION mm	WITH STIFFENERS	9	12		10.36
MAXIMUM TRANSVERSAL DEFLECTION mm	WITHOUT STIFFENERS	0.13	8.12		7.13
MAXIMUM TRANSVERSAL DEFLECTION mm	WITH STIFFENERS	4.55	6.41		6.13