

User Entered Description :

Suction Nozzle Node Number = 5  
Discharge Nozzle Node Number = 28Suction Nozzle Nominal Diameter = 8  
Discharge Nozzle Nominal Diameter = 8User Entered Figure 8 Allowable = .00  
User Entered For/Mom. Allowable = .00  
Tube Bundle Direction = X

Units For This Analysis = in. . lb.. ft.lb.. in.

	Suction	Figure 8 Values	Force & Moment Ratios	Status
Y Distance =	18.0			
X Force =	100.0	1200.	.08	PASSED
Y Force =	-302.0	2000.	-.15	PASSED
Z Force =	50.0	850.	.06	PASSED
X Moment =	283.0	1100.	.18	PASSED
Y Moment =	300.0	3000.	.18	PASSED
Z Moment =	2300.0	1500.	1.53	FAILED
	Discharge	Figure 8 Values	Force & Moment Ratios	Status
Y Distance =	-18.0			
X Force =	203.0	1200.	.17	PASSED
Y Force =	23.0	2000.	.01	PASSED
Z Force =	-222.0	850.	-.26	PASSED
X Moment =	300.0	1100.	.27	PASSED
Y Moment =	3000.0	3000.	1.00	PASSED
Z Moment =	302.0	1500.	.20	PASSED

[Enter]-Continue

Resultant Force/Moment Check :

	Resultant	Table	Allowable	Ratios	Status
X Force =	303.0	2500.		.12	PASSED
Y Force =	-279.0	3000.		.09	PASSED
Z Force =	-172.0	1500.		.11	PASSED
X Moment =	911.0	2000.		.46	PASSED
Y Moment =	3300.0	4000.		.82	PASSED
Z Moment =	2756.5	3000.		.92	PASSED

Overall Loading Status == FAILED ==.

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