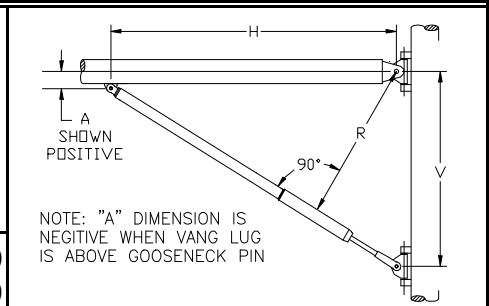


NAVTEC VANG SIZING DATA SHEET

BOAT NAME			X	Default
Designer				
Builder				
Model				
Type				
Use				
Date				
LOA	ft		X	
Displacement	Klbs			
RM @ 1 deg	Klb-ft			
Or				
RM max	Klb-ft			
SAIL INFORMATION				
E	ft		X	
P	ft		X	
Leech	ft			
Fully battened sail?	no/yes		X	No
Max wind velocity for full main	Kts		X	20
Maximum upwind leach load				
Vang moment required				
Leach angle relative to perpendicular to boom	deg			
Percent of upwind leach load carried by vang				50%
Vang moment arm calculation (see drawing)				
V Goose pin abv Vang goose pin (vert. comp.)	in		X	
H Vang horizontal pin dist (horiz. comp.)	in		X	
A Goose pin abv vang lug pin (vert. component)	in		X	
Or	in			
R Vang moment arm R (meas. perp. to vang)	in			
WEIGHTS TO BE SUPPORTED BY PUSH CAPABILITY OF VANG				
Boom Weight (total)	lbs		X	
Location of C.G. (% of E from gooseneck)	%			50%
Sail Weight carried furled on boom	lbs		X	
Location of C.G. (% of E from gooseneck)	%			40%
Weight of men leaning on boom to furl/reef	lbs		X	
Location of C.G. (% of E from gooseneck)	%			50%
Will topping lift be used during reefing and furling? (Y/N)			X	
YACHT HYDRAULIC SYSTEM OPERATING VANG				
Navtec Hand Pumped System (YES) or other (Specify)			X	YES
Maximum relief valve setting	psi			
Maximum pressure available from pump	psi			

Instructions:

- 1 Please fill in all boxes marked with an X to their right. Otherwise we will make our best guess.
- 2 Fill in any other boxes if you have information and want us to use it in making our vang size recommendation.
- 3 Please label your units of measure! We normally use the units at the left of the box. We will be happy to use your units however.
- 4 Mail or fax the completed data sheet to Sailtec.



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