

# DIAMETER OF RUDDER HEAD

Nº 544 SHIP

ORDINATES	S.M.	FUNCTIONS	$\frac{1}{2}$ SQS OF ORDS	S.M.	FUNCTIONS	C. INTERVAL = 6.37 FT
1.96	1	1.96	1.92	1	1.92	$\frac{1}{3} \cdot \cdot \cdot = 2.12 \cdot$
5.70	4	22.80	16.245	4	64.98	
5.70	2	11.40	16.245	2	32.49	
5.70	4	22.80	16.245	4	64.98	
3.04	1	3.04	4.62	1	4.62	

62.00  
 $2.12 \cdot \frac{1}{3} C.I.$   
 12400  
 6200  
 12400  
131.4400

62.0) 168.99 (2.725  
 124 0  
 44.99 3.516  
 43 40  
 1 590  
 1 240  
 3 500  
 3 100  
 400

AREA OF RUDDER TO BACK OF POST = 131.44  $\text{sq ft}$

C OF G FROM CENTRE OF PINTLES = 3.516 FT

A. x D.

131.44 x 3.516 = 462.14

SPEED 10½ KNOTS

= 10" RUDDER HEAD

25  
 544  
 14/2/19  
 W.S.

~~23~~  
~~519~~



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