



FIG.24 HOT-WIRE MAP OF THE NEAR WAKE OF A CIRCULAR CYLINDER

$D = 0.238''$
 $p_0 = 35 \text{ psig}$
 $T_0 = 275^\circ \text{ F}$
 $Re_{\omega, D} = 2.20 \times 10^4$
 $Re_{0, D} = 3.25 \times 10^3$
 $M_{\infty} = 6.04$

$(\frac{x}{D})$	$[\frac{dR}{d(i^2 R)}]_{min.}^{-1}$	$[\frac{dR}{d(i^2 R)}]_{min.}^{-1}$
0.44	1.30	$\times 10^{-4}$
0.52	1.34	
0.60	1.34	
0.80	1.35	
1.00	1.38	
1.25	1.46	
1.50	1.51	
1.75	1.66	
2.00	1.80	
2.25	1.93	
2.50	1.85	
3.00	2.00	
3.50	2.20	
4.00	2.40	
5.00	2.50	

