

Parameter (unit)	Value	Parameter (unit)	Value
$n = 2L_y/L_x$	1.5	$L_R$ (km)	19.93
$L_y = \pi L$ (km)	$5.0 \times 10^3$	$\rho$ ( $\text{kg m}^{-3}$ )	1000
$f_0$ ( $\text{s}^{-1}$ )	$1.032 \times 10^{-3}$	$\sigma_B$ ( $\text{W m}^2 \text{K}^{-4}$ )	$5.6 \times 10^{-8}$
$\lambda$ ( $\text{W m}^{-2} \text{K}^{-1}$ )	15.06	$\sigma$ ( $\text{m}^2 \text{s}^{-2} \text{Pa}^{-2}$ )	$2.16 \times 10^{-6}$
$r$ ( $\text{s}^{-1}$ )	$1.0 \times 10^{-7}$	$\beta$ ( $\text{m}^{-1} \text{s}^{-1}$ )	$1.62 \times 10^{-11}$
$C_o$ ( $\text{W m}^{-2}$ )	310	$\gamma_o$ ( $\text{J m}^{-2} \text{K}^{-1}$ )	$5.46 \times 10^8$
$C_a$ ( $\text{W m}^{-2}$ )	$C_o/3$	$\gamma_a$ ( $\text{J m}^{-2} \text{K}^{-1}$ )	$1.0 \times 10^7$
$k_d$ ( $\text{s}^{-1}$ )	$3.0 \times 10^{-6}$	$T_a^0$ (K)	289.30
$k'_d$ ( $\text{s}^{-1}$ )	$3.0 \times 10^{-6}$	$T_o^0$ (K)	301.46
$h$ (m)	136.5	$\epsilon_a$	0.7
$R$ ( $\text{J kg}^{-1} \text{K}^{-1}$ )	287		