

Parameters for this particular study

Table 1. Basic model parameters and derived quantities.

model	M_{\star} (M_{\odot})	M_{env} (M_{\star})	L_{\star} (L_{\odot})	n_x^3	x_{outerbox} (R_{\odot})	x_{innerbox} (R_{\odot})	$C_{T\text{fac}}$	t_{avg} (yr)	$R_{\star,s_{\text{min}}}$ (R_{\odot})	$T_{\text{eff},s_{\text{min}}}$ (K)	$\log g_{s_{\text{min}}}$ cgs	Period
												P_{puls} (d)
st28gm06n050	1.0	0.182	7049	599^3	4858	2340	0.75	54.61	351	2823	-0.656	510
st28gm06n052	1.0	0.181	7030	679^3	6386	2640	0.77	57.78	355	2806	-0.665	545
st28gm05n033	1.5	0.298	6702	559^3	3454	1581	0.72	27.70	304	2993	-0.358	297

- The stellar parameter sets of the 3D models presented here were chosen to fall into two different regimes: according to results from 1D DARWIN simulations, model **st28gm06n052** is expected to develop a pronounced dustdriven wind, while the 1D counterpart of model **st28gm05n033** fails to produce an outflow

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Adjustable
Parameter
For the transition
between boxes

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