

## Machine Parameters of the KEKB (Feb. 29 2004)

	LER	HER	
Horizontal Emittance	18	24	nm
Beam current	1470	1148	mA
Number of bunches	1283		
Bunch current	1.14	0.893	mA
Bunch spacing	2.4		m
Bunch trains	1		
Total RF volatage Vc	8.0	14.0	MV
Synchrotron tune $\nu_s$	-0.0249	-0.0217	
Betatron tune $\nu_x / \nu_y$	45.506/43.551	44.512/41.578	
beta's at IP $\beta_x^* / \beta_y^*$	59/0.58	56/0.7	cm
Estimated vertical beam size at IP $\sigma_y^*$	2.2	2.2	$\mu\text{m}$
beam-beam parameters $\xi_x / \xi_y$	0.108/0.074	0.067/0.053	
Beam lifetime	146@1470	266@ 1148	min.@mA
Luminosity (Belle CsI)	11.999		$10^{33}/\text{cm}^2/\text{sec}$
Luminosity records*) per day / 7days / 30days	819/5279/18330		/pb

\*) as of Mar. 4 2004