

Machine Parameters of the KEKB (June 30 2006)

	LER	HER	
Horizontal Emittance	18	24	nm
Beam current	1616	1210	mA
Number of bunches	1388		
Bunch current	1.16	0.871	mA
Bunch spacing	2.1		m
Bunch trains	1		
Total RF volatage Vc	8.0	15.0	MV
Synchrotron tune ν_s	-0.0249	-0.0226	
Betatron tune ν_x / ν_y	45.505/43.534	44.511/41.568	
beta's at IP β_x^* / β_y^*	59/0.65	56/0.59	cm
Estimated vertical beam size at IP σ_y^*	1.7	1.7	μm
beam-beam parameters ξ_x / ξ_y	0.106/0.105	0.068/0.060	
Beam lifetime	148@1616	204@1210	min.@mA
Luminosity (Belle Csl)	16.52		$10^{33}/\text{cm}^2/\text{sec}$
Luminosity records per day / 7days/ 30days	1.232/7.809/30.21		/fb