

# Prelim Aperture Specs

LHC prelim beam-pipe aperture:

Magnet	Ap-H[mm]	Ap-V[mm]
D1	134	110
<b>Crab Cav</b>	<b>110 - ?</b>	
D2 (present)	69	53

? → Upper limit of the aperture is not set (< 160 mm )

Cavity equator radius (units in mm):

	Global (IR4)	Local (IR1-5)
Beam-Beam	420	270
Beam pipe	50	
CC + He Vessel	370-400	220
He Vessel ↔ CC	10-30 ?	
Crab Cav	340-360	<b>190-210</b>

