

QUADRUPOLE (QF) (QD) (6 bunches case)

Parametres	Value	Half beam size
<i>Beta x (120%) [m]</i>	15.3	40.7 mm
<i>Dx (120%) [m]</i>	5.9	94.0 mm
<i>COD [mm]</i>	5	
<i>Mechanical tolerance [mm]</i>	3	
<i>Vacuum chamber [mm]</i>	5	
<i>Bore radius [mm]</i>	148	
<i>Field gradient [T/m]</i>	7.1	
<i>Field at pole tip [T]</i>	1.1	
<i>Magnetic Length [m]</i>	1.9	

Bending

Parametres	Value	Half beam size
<i>Beta x (120%) [m]</i>	15	40.2 mm
<i>Dx (120) [m]</i>	6	95.6 mm
<i>COD [mm]</i>	5	
<i>Mechanical tolerance [mm]</i>	3	
<i>Vacuum chamber [mm]</i>	10	
<i>Good field region [%]</i>	80	
<i>Horizontal aperture (full) [mm]</i>	379	
<i>Beta y (120%) [m]</i>	18.2	44.3 mm
<i>COD [mm]</i>	5	
<i>Mechanical tolerance [mm]</i>	3	
<i>Vacuum chamber [mm]</i>	10	
<i>Vertical gap (full) [mm]</i>	125	
<i>Field strenght [T]</i>	5.1	
<i>Magnetic length [m]</i>	3	