

Error Type	Used in X	Used in Y	σ	Comment	LHC Injection line
Injection Position (mm)	√	√	0.25	Not used in DIMAD	0.5
Injection Angle (mrad)	√	√	0.025	Not used in DIMAD	0.5
Horz. Dipole Field (%)	√		0.02		0.0167
Vert. Dipole Field (%)		√	0.02		0.0167
Horz. Dipole Roll (mrad)		√	0.267	Not used in DIMAD	same
Vert. Dipole Roll (mrad)	√		0.267	Not used in DIMAD	same
Horz. Quad Offset (mm)	√		0.2		same
Vert. Quad Offset (mm)		√	0.2		same
Horz. Kick from Special Elem. (μ rad)	√		5.0	None identified yet	same
Vert. Kick from Special Elem. (μ rad)		√	5.0	None identified yet	same
Horz. BPM Offset (mm)	√		0.2		0.288
Vert. BPM Offset (mm)		√	0.2		0.288
Horz. BPM Resolution (mm)	√		0.1	Not Used	Same
Vert. BPM Resolution (mm)		√	0.1	Not Used	Same
Horz. Corrector Error (mrad)	√		0.1	Not Used	Same
Vert. Corrector Error (mrad)		√	0.1	Not Used	Same
Parameter Type					
Horz. Corrector Range ¹ (mrad)	√		0.360		
Vert. Corrector Range (mrad)		√	0.360		
End Angle Monitor	√	√			

¹ Corrector ranges will be changed according to corrector type and beam momentum.