**Diametrical Magnetization:**

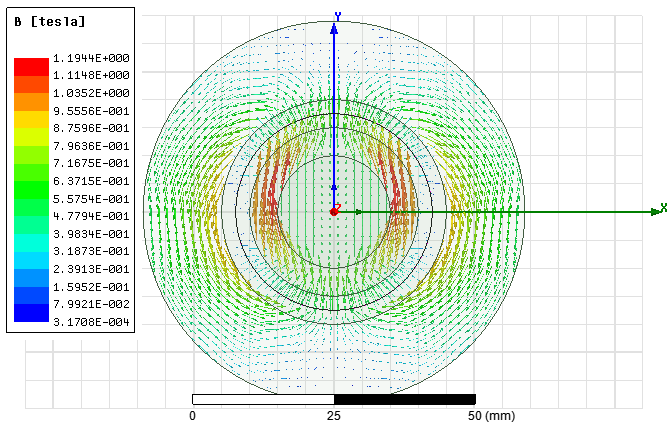


Figure 1: Magnetic flux vectors for diametrical magnetization

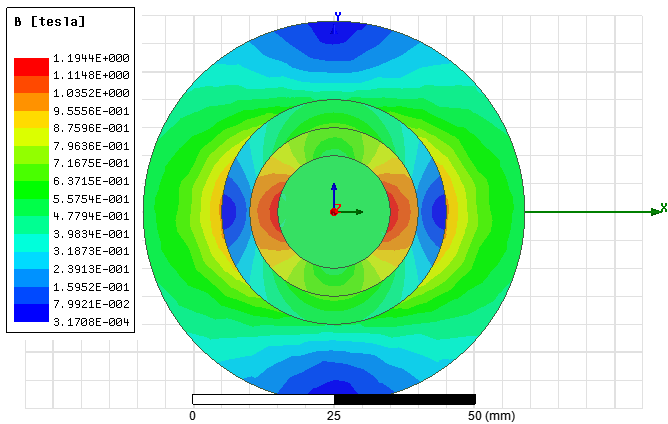


Figure 2: Magnetic flux density for diametrical magnetization

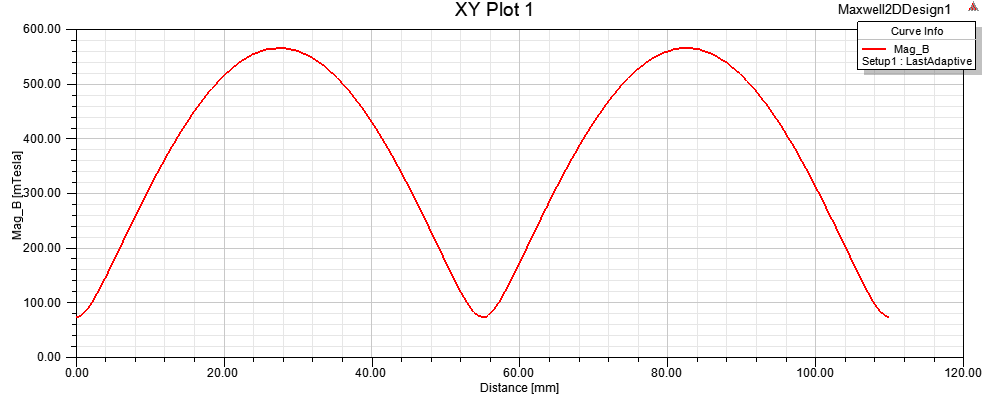


Figure 3: Radial flux density in the center of the air gap for diametrical magnetization

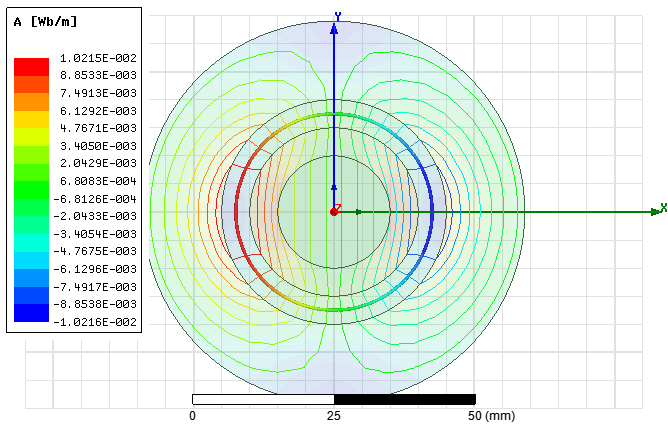


Figure 4: Flux lines for diametrical magnetiation

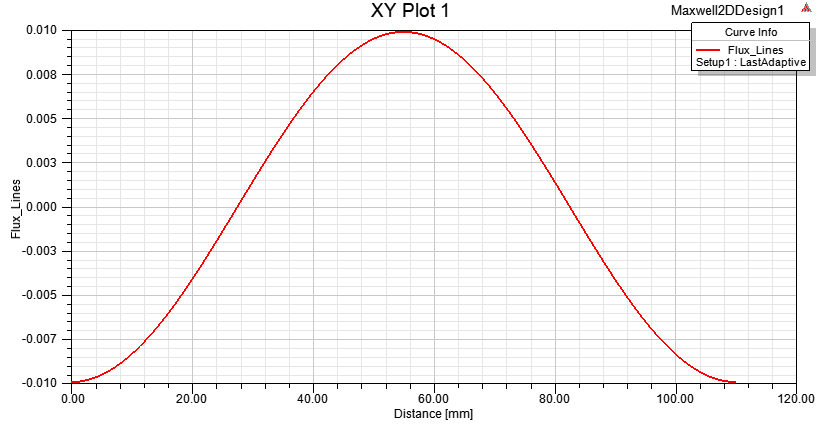


Figure 5: Flux lines in the center of the air gap for diametrical magnetization