

Magnetoresistance-Effect Magnetic Head

ABSTRACT

The part of an MR element 25 which lies close to a medium-facing surface 10a overlaps that part of a flux-guiding element 24 which lies remote from the medium-facing surface 10a, with a second gap film 23b interposed between the elements 24 and 25. Further, the MR element 25 overlaps the flux-guiding element 24 for a distance that falls within a range of 15 to 25% of the length of the MR height of the element 25 as measured in a direction perpendicular to the medium-facing surface 10a.

Figure 4