

ABSTRACT

A hermetically sealed type rotary compressor which has increased output and improved C.O.P. comprises an electric element having a rotary shaft in an upper portion of a hermetically sealed container and a compression element driven by the rotary shaft of the electric element in a lower portion of the hermetically sealed container. The ratio $(D2/D1)$ of the diameter $(D2)$ of the rotary shaft from an eccentric portion to a lower end to the diameter $(D1)$ of the rotary shaft from an upper end to the eccentric portion is set to a value less than 1, the area of a port portion where a discharge port is opened in a cylinder is preferably set to 50 % or more of the total sectional area of the discharge port, and a roller is made thick enough to seal the port portion which is opened in the cylinder.