

ABSTRACT

VALVE SHEET FOR HERMETIC COMPRESSOR

Valve sheets that are mountable in hermetic compressors having different bore sizes are disclosed. A valve sheet has a plurality of reeds which comprises a primary reed and one or more secondary reeds. When the valve sheet is mounted in a valve assembly of a hermetic compressor with a cylinder having a small bore size, the secondary reed overlaps with the edge of the bore of the cylinder and therefore the secondary reed is constrained from moving. The primary reed is free to move and to allow flow of a refrigerant into a compression space of the cylinder. When the valve sheet is mounted in a valve assembly of a hermetic compressor having a large bore size, both the primary reed and the secondary reed are free to move and therefore allow flow of the refrigerant into the compression space of the cylinder.

[FIG. 3 to be printed with Abstract]