

Submersible pump comprising a casing consisting of a lantern, section bodies and a discharge pipe, with a stator consisting of 1 to n guide members and a fairing mounted within the casing. A rotor comprising a shaft, 1 to n impellers arranged thereon in series, interstage bushings, a hydraulic heel sleeve, a hydraulic heel disk and a nut, and sealing rings are installed between the impellers and the section bodies, interstage bushings and guide apparatus, the latter guide apparatus and the hydraulic heel sleeve. Gap seals are formed between the sealing rings and the respective surfaces of the impellers, the sealing rings and the interstage bushings, the sealing ring and the hydraulic heel sleeve with a gap h calculated by the formula: