

고압 터보 Blower "Greenpressor" 개발

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Commercial Development of a High Pressure Turbo Blower "Greenpressor"

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Key Words : High pressure turbo blower(고압터보블로워), Foil air bearing(포일공기베어링), Gypsum casting method(석고주조법), Motor cooling fin(모터냉각판),

ABSTRACT

Many recent development activities suggest the possibility of a high-speed turbo(centrifugal) compressor or blower for the industrial application of compressed air supplying system when used with the most advanced high-speed motor, inverter technology, and advanced bearing for high rotational speed. The problems to be overcome are of reliability, the application of mass production methods, cost effective manufacture and competitive running costs. This presentation is not focused on a specific technology advances but on an overall review of our recent experiences while we have developed the high pressure turbo blower for the commercial purpose.

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