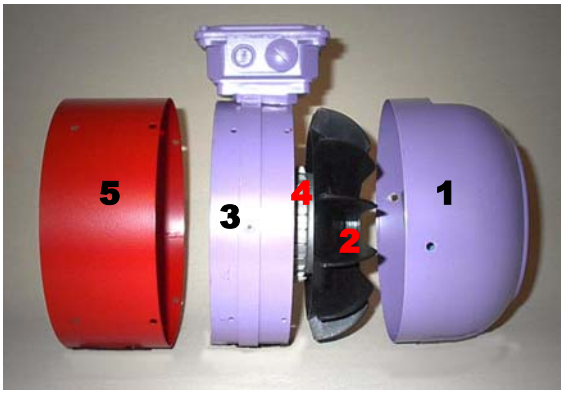
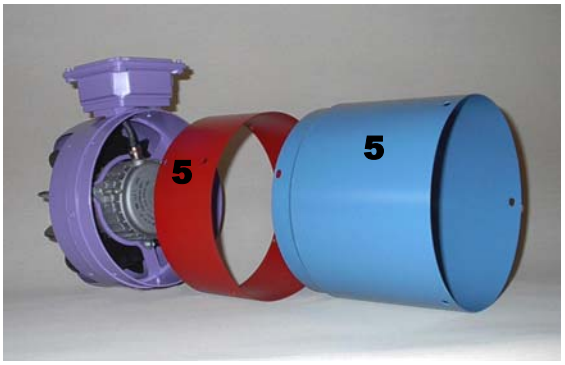
The innovative solution for manufacturers

Forced Ventilation Unit (FBI) type RBK IP66
for single and three-Phase connection





External cooling (FBI) for electric motors driven by frequency inverter
FBI series IP66 in insul. class F according VDE

Consisting of following components:
Cowl ① / Fan ② / Motor fixing unit ③ / FBI-Motor ④ / Adaptor ring ⑤

- Forced Ventilation Unit with terminal box and detachable fan cowl with adaptor ring. The interchangeable fan cowl ① ***simplifies the maintenance of fan*** ② and cowl ①.
- The boltable adaptor ring ⑤ ***is available for all types of motors including NEMA,*** and also available in special lengths and special diameters. The driven unit is interchangeable with different adaptations ⑤ (version for brake, Tacho, Incremental generator resp. different motor types of same frame size).
- ***Very high stability*** and strength of the FVU by means of the motor fixing unit ③ (insensitive to vibrations).
- Available IEC frame 71 to 355 and NEMA frame 48 to 5811in ***Multi-voltage range*** for:
  3Phase: 230 - 303 V Δ / 400 - 525 V Y, 50 Hz
  230 - 333 V Δ / 400 - 575 V Y, 60 Hz
  1Phase: 230 - 303 V Δ, 50 Hz
  230 - 333 V Δ, 60 Hz
- Unidirectional fan, ②. The cooling air is fed with ***high velocity*** at the interior part of the adaptor ring ⑤ directly between the cooling fins of the main motor resulting in ***optimum cooling***.
- **IP 66** degree of protection: Protection against strong seas or strong water jets. No entry of water in harmful amounts.

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