Media Release

DC motor for breast pump

KAG DC motors selected for breast milk pump because of low noise and high quality.

Breast milk pumps for hospital and personal use have DC motors driving a small piston pump. The DC motors need to run at very low speeds, have very low noise and high performance levels. To meet these system requirements KAG have developed a special DC motor with adaptations to perfectly suit the application. The solution uses an M 42 series motor manufactured with a customised winding to give the high torque low speed motor performance. In addition the motor has been manufactured with a custom noise suppression circuit and twisted pair cable harness. To give an extended lifespan for the particular operating conditions KAG also manufacture the DC motor with a custom designed brush system. The customer for this application has an in house developed optical encoder that KAG modified the brush side shaft to suit mounting of the encoder. For easy production and assembly time reduction a tooth belt pulley is fitted to the motor during the motors manufacturing process. The cable assembly has been fitted with the correct connector for the customers product which simplifies the manufacturing process for the customer even further.

KAG produce highly customised DC motors for a wide range of industries. Contact maxon motor in Australia for assistance.

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The media release is available on the internet at: www.maxonmotor.com.au

KAG M 42 DC motor

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