Obsolescence equals Opportunity. RE50 motor for industrial automation and robotics.

The phase out of an old DC motor and the realisation of power, weight and price advantages of new designs, widens customer device application areas.

The maxon 2260 series of brushed DC motors was for decades an industry standard, providing reliable high torque performance. Because of its quality and longevity it was not considered for replacement or design-out until they were informed via maxon motor’s discontinuation policy procedures of its pending obsolescence. The initial disappointment and concern was quickly turned to relief after maxon initiated application engineer contact to advise customers about the available replacement possibilities. The maxon DC 2260 motor featured a continuous power rating of 80W and 330mNm of torque from 60mm diameter and 126mm length. The motor had a mass of 1300g. The typical replacement motor for the 2260 is the maxon RE50. This new motor features a continuous power rating of 200W and 450mNm from a 50mm diameter and 108mm length. What’s more, there are higher speed capabilities, a 200g weight reduction and yes, it is less expensive. In one instance the performance increase has given a customer’s product increased versatility and higher sales. The typical response being “why didn’t we do this earlier?!”. maxon motor provide support through the products entire lifecycle and as motor technology advances the end applications evolve also.

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

RE50 24V 200W brushed DC motor and 62mm planetary gearhead © 2016 maxon motor.
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