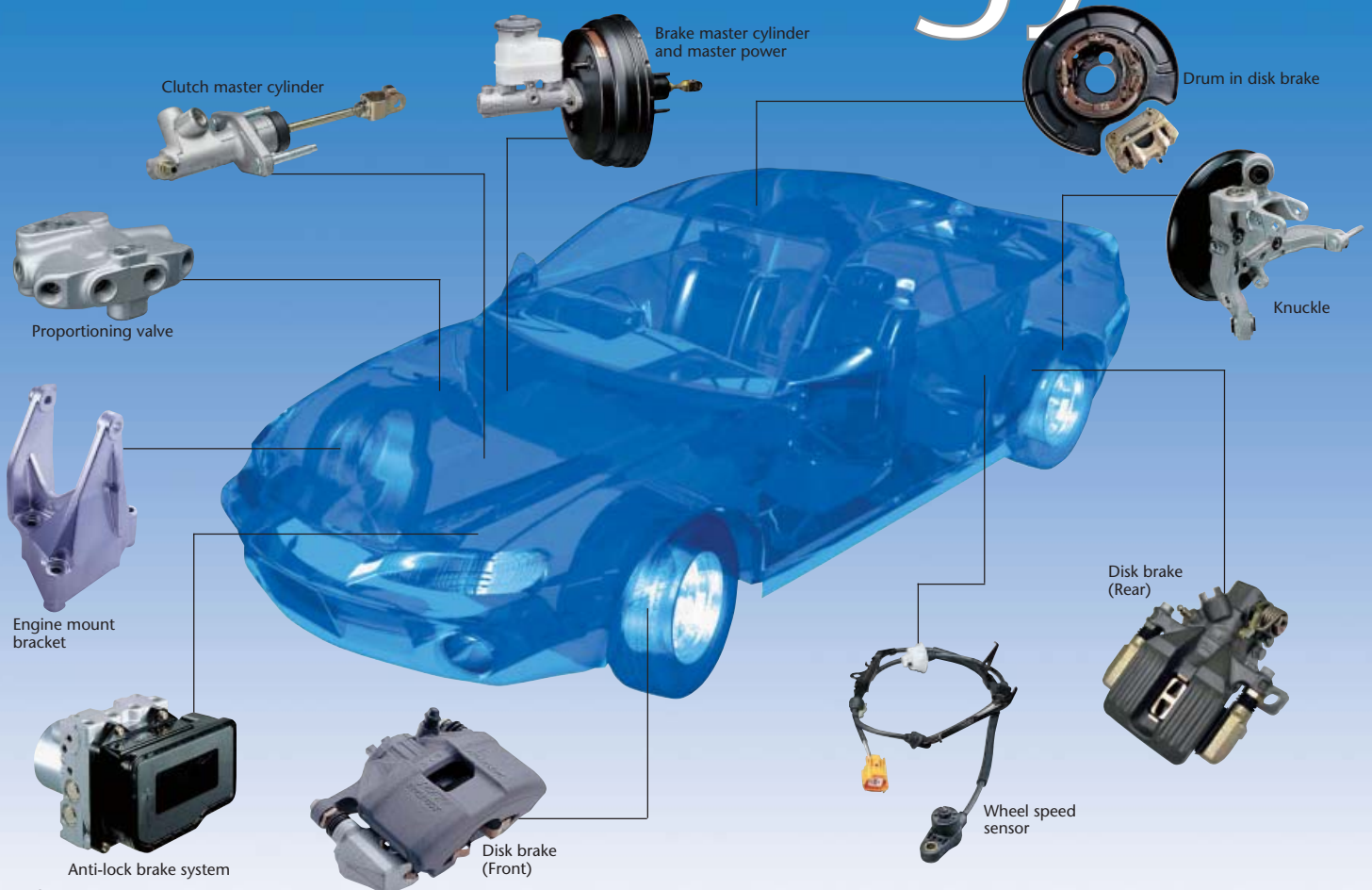


Nissin Kogyo's products are derived from its core expertise in brake and aluminum technologies. Manufacturing costs are kept low thanks to a uniquely integrated production line that optimizes production efficiency. Although Nissin Kogyo supplies advanced braking technology that is vital to smoother overall vehicle handling and control, it also develops technologies that help to realize lighter and more cost-competitive peripheral brake components. In this way, Nissin Kogyo delivers products that contribute to the existence of automobiles that are increasingly safer, more comfortable and more lightweight.

Nissin Kogyo's



► **The NK11 Series**

The most compact and lightweight series of ABS in the world, the NK11 series draws on 50 different pending and recognized Nissin Kogyo patents. The use of smaller electromagnetic valves and motors and 20% fewer electronic components were instrumental in making this smaller, lighter series a reality.

NK11A: This basic ABS product is 16% lighter and 8% smaller in size than existing products.

NK11T: Equipped with a traction control system (TCS) to prevent wheel spinout during acceleration, this product is 28% lighter and 44% smaller than existing products.

NK11V: Incorporating a chassis stabilizing system to reduce sideward skidding when turning, this product is 43% lighter and consumes 66% less space compared with existing products.

► **Aluminum knuckles and brake calipers**

A combination of R&D based on detailed analyses of tensile strength and metal casting and so-called “programmed cold chamber die casting” has finally made possible the reliable production of casting products displaying properties customers have long demanded. This breakthrough has started a shift from cast iron in the production of knuckles and brake calipers to aluminum. The use of aluminum knuckles and brake calipers alone reduces vehicle weight by an average of 5.6kg.

Product Line up

