Gearboxes Feature Low Speed, High Durability

Crouzet North America, a company of Custom Sensors & Technologies, has introduced a new line of single ovoid and double ovoid gearboxes. The new second generation gearboxes offer low speed in a wide range of gear ratios and motor options. All motor options are RoHS compliant and many meet UL and CSA requirements.
The single ovoid gearbox model 810210 and double ovoid gearbox model 810330 feature virtually unlimited gear ratios from 10:1 up to 7,000,000:1 with continuous torques of 0.5 Nm (single model) and 2.0 Nm (double model). At a 7,000,000:1 ratio, gearboxes achieve an extremely low speed of 0.002 rotations per hour. Metal housing provides optimum durability.

The new gearboxes interface with Crouzet's comprehensive line of highly engineered and highly tooled DC brush motors, AC synchronous motors, and stepper motors. DC Brush motors are available with 6, 12, 24, or 48 volt windings. AC synchronous motors offer single and reversible direction with winding options from 12, 24, 115, and 220 Volts at 50 Hz, 60 Hz, or both. With its wide gear motor selection, Crouzet can fulfill many OEMs requirements for unique specifications, such as a 24 V/60 Hz, or 7.5 or 15 degrees for stepper motors. Crouzet's Custom Adaptation Center can also customize products to meet specific application requirements, such as adding stainless steel shafts or friction clutches. Small quantities are available in short lead times.

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