The 13th exhibition of Motion Engineering Japan 2004 was held for 3 days starting on April 21, 2004, at Makuhari Messe (Nippon Convention Center outside of Tokyo) with the theme "a specialized exhibition of 'drive, transmission and control technology' for the pursuit of fine, smooth and clean movement."

As the above theme suggests, the focus of this year's exhibition was technology related to drive, transmission and control mechanisms along with optimal systems incorporating such technology (motion engineering). The Motion Engineering was one of nine specialized technical exhibitions (e.g. Motortech Japan) held simultaneously at this convention center as part of Techno-Frontier 2004.

Koyo, based on its theme "Looking Forward – to meet your future," exhibited long life bearings, unit products and system control products at the respective section of "Suggestion of High Functional Products" and "Suggestion of Control Systems" to demonstrate total power of Koyo group in the motion related domain.

Also, Masao Goto, Assistant Manager of Research & Development Center, gave a lecture on "Recent technology for extending roller bearing service life" at the seminar simultaneously held at the center and successfully showed Koyo's technical capabilities.

1. Outline of Motion Engineering Japan 2004

   · Date: April 21-23, 2004
   · Place: Makuhari Messe (Nippon Convention Center)
   · Sponsor: Japan Management Association
   · Number of exhibiting companies: 51
   · Number of visitors: 17,171

2. Main Products Exhibited at Koyo Group Booth

1) Suggestion of high functional products

   · Long life bearings

     Long life bearings, designed with a special focus on flaking mode, such as High Refined Steel (HRS) bearings with reduced non-metallic inclusions as low as special remelting steel; semi-high temperature bearings with improved high temperature hardness and softening resistance; SH bearings and KE bearings with improved wear resistance and dent resistance; KE II bearings with improved toughness.
2) Suggestion of control systems
  · Linear motor pick & place units <reference exhibition>

  This product uses a linear motor with low vibration, low noise and high precision, has a flexible design through a standard module, and is a motion solution that can handle everything from parts and units to system control.