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New SKF tachometers expand options for gathering condition monitoring data

Three new handheld tachometers extend SKF's range of basic condition monitoring equipment – giving technical staff more options to measure critical machine data

Gothenburg, Sweden 17 February 2021: SKF has extended its range of tachometers, which can help manufacturing companies to optimize their condition monitoring on their production operations.

Three new devices, including an all-mechanical model, join SKF's portfolio of basic condition monitoring equipment. The handheld devices monitor conditions such as rotational and linear speed to help maintenance staff spot emerging mechanical problems in rotating machinery.

“Our condition monitoring equipment helps plant workers reduce the chance of catastrophic failure and help to minimise maintenance costs,” says Sylvain Humbert, Product Development Manager for Instruments at SKF. “It also helps them to order parts in advance, schedule maintenance procedures and plan other repairs during downtime.”

Two of the devices, the TKRT 21 and TKRT 31, are digital tachometers, while the TKRT 25M is mechanical. All are compact, have large displays, and can be operated with one hand.

TKRT 21 uses laser or contact measurement to determine rotational and linear speeds. This allows fast, easy measurement at a safe distance from machinery. The instrument offers high speed and distance versatility in several measurement modes. The TKRT 21 is supplied with a basic set of contact adaptors, works with standard or rechargeable batteries and has a large LCD screen.

TKRT 31 is a more advanced tachometer that measures rotational and linear speeds, as well as distances. It is supplied with a full set of contact adaptors. A large colour TFT screen displays measured values clearly for the user. Both the TKRT 31 and TKRT 21 allow easy measurement in areas where straight-line access is difficult by using a laser

The TKRT 25M mechanical tachometer uses precise contact measurement to determine rotational and linear speed of equipment such as engines, shafts and conveyor belts. It requires no batteries and has a large, easy-to-read dial gauge display. The TKRT 25M is supplied with a full set of contact adaptors.

Data gathered by these tachometers can give a deeper insight into machine and component health, which can help reduce maintenance costs and increase efficiency and profitability. For instance, replacement parts can be ordered in advance, rather than waiting until they have failed.

Aktiebolaget SKF
(publ)

SKF's mission is to be the undisputed leader in the bearing business. We do this by offering solutions that reduce friction and CO2 emissions, whilst at the same time increasing machine uptime and performance. Our products and services around the rotating shaft, include bearings, seals, lubrication management, artificial intelligence and wireless condition monitoring. SKF is represented in more than 130 countries and has around 17,000 distributor locations worldwide. Annual sales in 2020 were SEK 74 852 million and the number of employees was 40,963. www.skf.com

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