GRAESSNER

PRESS RELEASE May 2nd, 2018

MS-Graessner: Original meets robotics -

DynaGear gearbox now also available with robot flange compliant with
EN ISO 9409-1, expanded with hollow shaft for supply lines

A new push for robotics. Effective immediately, the highly dynamic hypoid bevel gear systems of the DynaGear series are available with a flange ideally suited for the diverse requirements of robotics. This is because the original MS-Graessner DynaGear gearbox has been consistently developed for the highest requirements in terms of dynamism and precision.

Advantages for a wide range of applications in automation and robotics

The new DynaGear series, with EN ISO 9409-1-compliant robot flange and hollow shaft, is capable of carrying supply lines and other media. In conjunction with a wide gear ratio range, from 3:1 to 15:1 in a single stage, DynaGear is perfect for applications in automation and robotics.

Approximate and specific advantages

Wear-free torque transmission thanks to the friction-locked connection between the shaft and the bevel gear means nothing less than permanently high transmission precision. The DynaGear gearbox achieves a service life in excess of 30,000 hours in S5 operation, in any installation position.

DynaGear is furthermore exceptionally flexible: Eight finely graduated frame sizes offer solutions for highly dynamic servo drive solutions with nominal torques T2N between 35 and 1,440 newton metres, in over 10,000 standard variants.
The robust, one-piece, cast-aluminium housing is as firmly established as our development principle: all components are designed to withstand the very highest loads.

Precision and efficiency for highly dynamic servo drive solutions

Robot flange, designed in compliance with EN ISO 9409-1. DynaGear gearboxes have an efficiency factor of up to 96%. Compact, stable design for the highest performance with small dimensions and minimal weight. This is what makes DynaGear - the original - the first choice.

Trade fair note:

Automatica, Messe München in Munich, 19 – 22 June 2018

Hall B6 / Stand B6.515