

A world novelty for timing belt guides: easy drive® – the new standard in timing belt technology

In most drive and conveyor technology applications smooth and precise drive is essential within the interplay between the timing belt and the pulley. So far, three different technical solutions have been used to keep the timing belt on track and to prevent it from running off the pulley: the timing belt is prevented from running off the pulley by the pulley flanges; the timing belt is guided by a v-guide; the timing belt is fitted with especially shaped teeth to keep it on track reliably.

The main disadvantage of the previous versions is the large movement of the belt between the pulley flanges. Using v- guides or special tooth shapes is significantly more time-consuming and complex in manufacturing and therefore much more cost-intensive. Nevertheless, the v-guide system still requires a certain tolerance which leads to a movement in running performance. The large pulley diameters can cause installation problems in case facility space is limited.

easy drive® – the new standard

By using the world novelty **easy drive®** which has now been patented throughout Europe the characteristic disadvantages and problems belong to the past. **easy drive®** is the ideal solution for power and conveying transmissions. Replacing the flanges, v-guides or special tooth shapes by **easy drive®** ensures smooth and precise running of the belt on the pulley. Additionally, the facility space can be reduced.

Revolutionary advanced

easy drive® - the revolutionary innovation is an accurately fitting meshing ring mounted on the pulley. The timing belt is fitted with a corresponding groove matching exactly the **easy drive®** ring without any movable possibilities. The final result is a guided timing belt with an extraordinary high directional stability.

The pulleys and the groove of the timing belt can be manufactured economically. Special designs and special tooth shapes are no longer necessary. **easy drive®** can be used for all types of timing belt pitches and standard timing belt pulleys. Particularly revolutionary is its use in the field of neoprene timing belts with all sorts of existing tooth pitches. In the past neoprene belts were only able to run with flanged pulleys or special tooth shapes

Technically innovative

The **easy drive®** system has been developed on the basis of many years of experience and a wide array of technical requirements and applications to meet the very high and exacting demands of today's timing belt technology. After more than seven years of use in the industrial sector, in a great variety of different applications as well as research projects in cooperation with universities **easy drive®** has today become the successfully new standard in timing belt technology.

easy drive® creates solutions

The launch of the patented **easy drive®** product opens the way for entirely new, cost-reducing and resource-saving solutions in a wide range of different applications. The technological advance of **easy drive®** offers dealers, OEM partners and manufacturers a wide range of unexpected potentials satisfying individual and unconventional timing belt requirements.

To get more detailed information please take a look at: www.easydrive.info/pr

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