



Press Release

Thursday, 28. October 2021

New size completes motors portfolio for servo pumps

Internal tothing in the DS and DSD2 series for low-maintenance direct pump attachment now also available in size 132

High efficiency, better process performance and low heat development. These are just a few of the advantages of a servo pump. This is why the Baumüller servo pump solution has been in use for years in a number of applications such as presses and injection molding machines. By now, their use has become part of the standard equipment of machine manufacturers, partly due to rising energy costs. End customers are increasingly taking the total operating costs into account and are finding that the purchase price for a servo pump very often pays for itself within a year due to the significant reduction in energy consumption.

Baumüller offers its motors for three different motor-pump combinations:

- **Standard Line** – attachment of the pump to the motor via coupling, pump support and base flange
- **Advanced Line** – direct attachment of the pump onto the motor via internal tothing in the motor shaft
- **Performance Line** - direct attachment of the pump via the internal tothing combined with circulating oil lubrication

New size

The DS2 and DSD2 motors have now also been developed in size 132 with the option of internal tothing, especially for the Advanced Line and the Performance Line, to implement direct attachment on the respective pump. This dispenses with the coupling and pump support as is the case with classic servo pump versions, which has the advantage of a shorter installation length and therefore a smaller machine installation area. Furthermore, direct attachment eliminates the need for mechanical parts. In this way, the machine manufacturer benefits from lower storage costs.

Baumüller thus completes its motor portfolio for servo pumps and now offers machine manufacturers full flexibility depending on the application case.

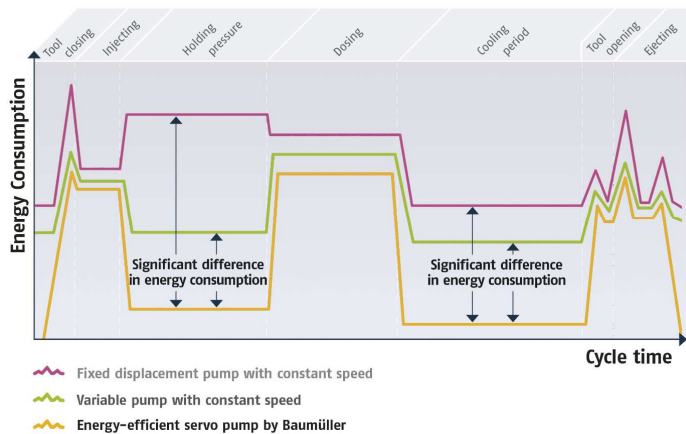


Fig. 1: Significant differences in energy consumption: The high energy efficiency of the servohydraulic solution results from the need-based pump output. If the machine is at a standstill, e.g. when cooling, the motors are also idle and do not consume any energy | Image: Baumüller



Fig. 2: In a nutshell: Coupling and pump support are not required with direct pump attachment, which also has the advantage of a shorter installation length and a smaller machine installation area, among other things | Image: Baumüller



Fig. 3: Baumüller provides its motors for three different motor-pump combinations and thus offers full flexibility for machine manufacturers | Image: Baumüller



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In addition, the range of services offered by the Baumüller Group includes engineering, assembly and industrial relocation as well as services, thus covering all aspects of life cycle management.

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