

**System Technology**  
*Energy-Efficient Drive Systems*  
*For Mechanical & Plant Engineering*



## **10 Advantages of FELUWA Drive Systems (Motor + Variable Frequency Drive + Diagnostics) for your pump :**

1. Optimum layout of the drive system in terms of load torque of the pump.
2. Optimum adaptation of motor, intermediate gearbox and pump.
3. No interface clarification between end user and supplier.  
This saves time and costs for extra engineering.
4. Prevention of errors resulting from separate engineering.
5. Consideration of oscillating counter torques of FELUWA MULTISAFE double hose-diaphragm pumps or hose diaphragm piston pumps.
6. Optional consideration of power grid requirements (such as harmonic limits).
7. Possibility of synchronisation control for reduced vibration when multiple pumps discharge into a common main (no standard feature).
8. Possibility of string test of pump, gearbox, motor and VFD on FELUWA test rig.
9. Possibility of connection to FELUWA control system with complete sensor system, including FELUWA Netcontrol.
10. Possibility of integration of Feluwa condition monitoring system (e.g. diagnostics of check valves, hose-diaphragms, suction/discharge pressure and hydraulic oil/gearbox temperature).