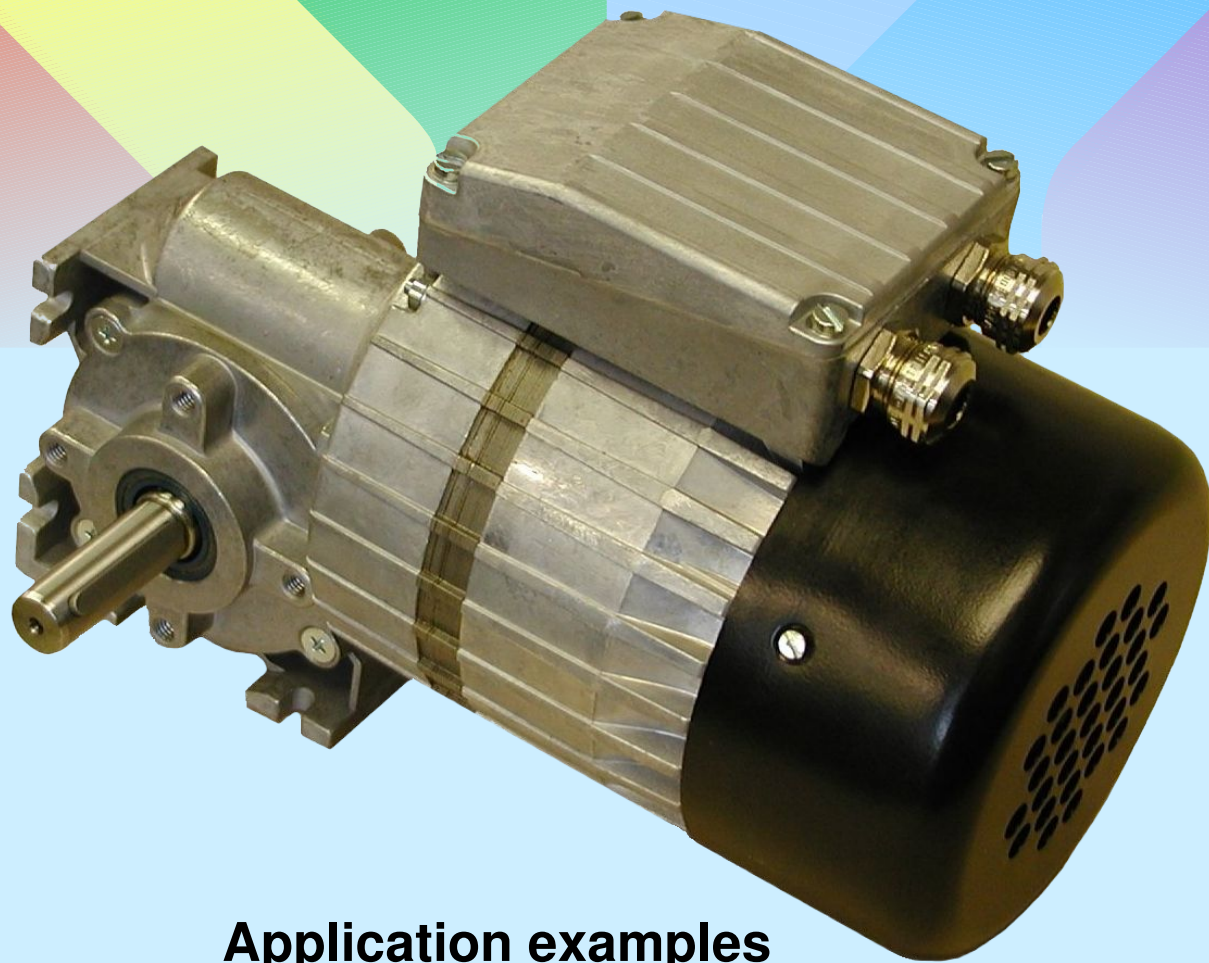


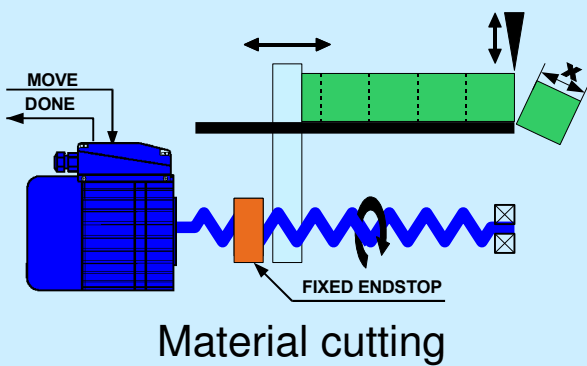
G6 Series Servomotors

with integrated electronics

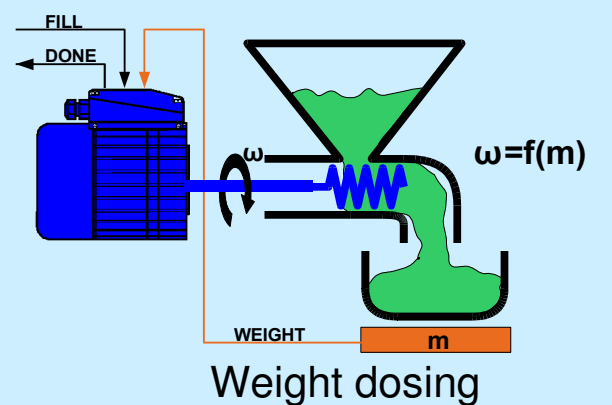
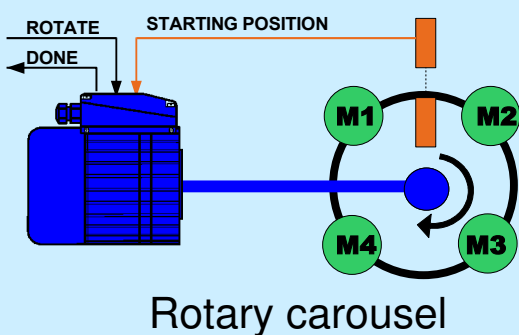
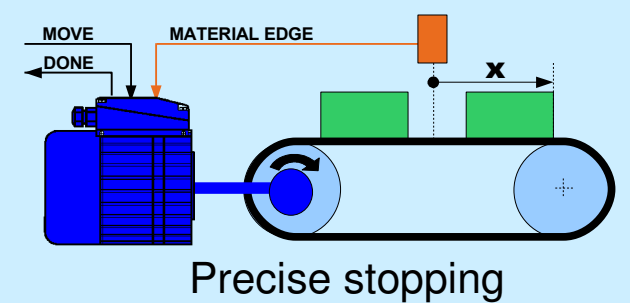
Gearbox	Electric Motor	Power Electronics	Controlling	Position sensor	IO Module
<ul style="list-style-type: none"> Standard input flange size: 71frame B14A (shaft Ø14mm) Worm gear reducer Range of ratios: 6.75 – 40 Output torque up to 36Nm 	<ul style="list-style-type: none"> Output up to 600W Speed up to 6000rpm Rated torque up to 4Nm Breakdown torque up to 7Nm Service factor up to 2.5 Efficiency up to 85% Insulation class F TEFC design Protection class IP54 Increased lifetime Maintenance-free operation 	<ul style="list-style-type: none"> Power supply 110–240V AC 24V DC Built-in dynamic braking resistor Built-in power factor correction (PFC) Built-in protection for: overcurrent, overvoltage, undervoltage, overload, temperature rise, position error 	<ul style="list-style-type: none"> Position control Speed control Torque control 16bit digital servo vector control (sinus PWM, PID position control) User programmable Upgradable firmware 	<ul style="list-style-type: none"> Absolute position sensor 3072 pulses per revolution Accuracy $\pm 1^\circ$ Repeatability $\pm 0,2^\circ$ Maximum speed 10,000rpm. 	<ul style="list-style-type: none"> Swappable modules Electrically insulated RS232 / RS485, CAN communication PLC logical output – 24V logical input – 5/24V analogue input – 5/10V DC power supply 12V/60mA



Application examples



- Material advancing and cutting
- In-between operation transporting
- Warehouse distribution systems
- Turntables
- Tool holders
- Packing machines
- Dosing and mixing machines
- Label application machines
- Printing machines
- High precision pumps and fans
- Regulation valves actuating
- Take-up machines and winding applications
- Spraying and welding machines



All you are looking for is inside!