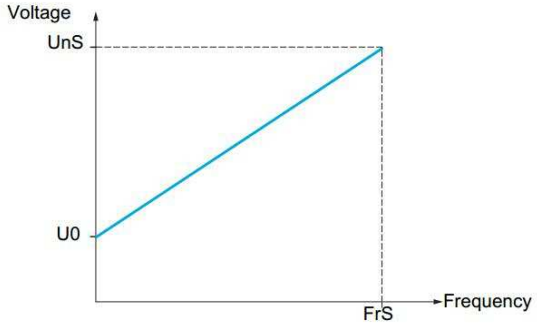
CtT	**[Motor control type]**	**[Standard]** (Std)

Note: Select law before entering parameter values.

uuC **[SVC V]** (uuC): Sensorless vector control with internal speed loop based on voltage feedback calculation. For applications needing high performance during starting or operation.

Std **[Standard]** (Std): Standard motor law. For simple applications that do not require high performance. Simple motor control law keeping a constant Voltage Frequency ratio, with a possible adjustment of the curve bottom. This law is generally used for motors connected in parallel. Some specific applications with motors in parallel and high performance levels may require **[SVC V]** (uuC).



Note: U0 is the result of an internal calculation based on motor parameters and multiplied by UFr (%). U0 can be adjusted by modifying UFr value.

Code	Name / Description	Adjustment range	Factory setting

uFS **[V/F 5pts]** (uFS): 5-segment V/F profile: As **[Standard]** (Std) profile but also supports the avoidance of resonance (saturation).

The profile is defined by the values of parameters UnS, FrS, U0 to U5 and F1 to F5.

FrS > F5 > F4 > F3 > F2 > F1

Note: U0 is the result of an internal calculation based on motor parameters and multiplied by UFr (%). U0 can be adjusted by modifying UFr value.

Syn **[Sync. mot.]** (Syn): For synchronous permanent magnet motors with sinusoidal electromotive force (EMF) only. This selection makes the asynchronous motor parameters inaccessible, and the synchronous motor parameters accessible.

uFq **[V/F Quad.]** (uFq): Variable torque. For pump and fan applications.

nLd **[Energy Sav.]** (nLd): Energy saving. For applications that do not require high dynamics.