Code	Name/Description	Adjustment range	Factory setting
StE-	**[STOP CONFIGURATION]** **Note:** Some types of stop cannot be used with all other functions. Follow the instructions on page 130.		
Stt rMP FSt nSt dCI	**[Type of stop]**		[Ramp stop] (rMP)
	Stop mode on disappearance of the run command or appearance of a stop command. ☐ **[Ramp stop]** (rMP): Stop on ramp. ☐ **[Fast stop]** (FSt): Fast stop ☐ **[Freewheel stop]** (nSt): Freewheel stop ☐ **[DC injection]** (dCI): DC injection stop **Note:** If the "brake logic" function on page 161 has been enabled, or if [Low speed time out] (tLS) page 62 or 180 is not 0, only ramp type stops may be configured.		
FFt ()	**[Freewheel stop Thd.]** (1)	0.0 to 1600 Hz	0.0 Hz
	This parameter supports switching from a ramp stop or a fast stop to a freewheel stop below a low speed threshold. It can be accessed if [Type of stop] (Stt) = [Fast stop] (FSt) or [Ramp stop] (rMP). ☐ 0.0: Does not switch to freewheel stop. ☐ 0.1 to 1600 Hz: Speed threshold below which the motor will switch to freewheel stop.		
nSt nO LI1 - - C101 - - - Cd00 -	**[Freewheel stop ass.]**		[No] (nO)
	☐ **[No]** (nO): Not assigned ☐ **[LI1]** (LI1) to **[LI6]** (LI6) ☐ **[LI7]** (LI7) to **[LI10]** (LI10): If VW3A3201 logic I/O card has been inserted ☐ **[LI11]** (LI11) to **[LI14]** (LI14): If VW3A3202 extended I/O card has been inserted ☐ **[C101]** (C101) to **[C115]** (C115): With integrated Modbus in [I/O profile] (IO) ☐ **[C201]** (C201) to **[C215]** (C215): With integrated CANopen in [I/O profile] (IO) ☐ **[C301]** (C301) to **[C315]** (C315): With a communication card in [I/O profile] (IO) ☐ **[C401]** (C401) to **[C415]** (C415): With a Controller Inside card in [I/O profile] (IO) ☐ **[CD00]** (Cd00) to **[CD13]** (Cd13): In [I/O profile] can be switched with possible logic inputs ☐ **[CD14]** (Cd14) to **[CD15]** (Cd15): In [I/O profile] can be switched without logic inputs The stop is activated when the input or the bit changes to 0. If the input returns to state 1 and the run command is still active, the motor will only restart if [2/3 wire control] (tCC) page 89 = [2 wire] (2C) and the [2 wire type] (tCt) = [Level] (LEL) or [Fwd priority] (PFO). If not, a new run command must be sent.		
FSt nO LI1 - - -	**[Fast stop assign.]**		[No] (nO)
	Note: This function cannot be used with certain other functions. Follow the instructions on page 130. ☐ **[No]** (nO): Not assigned ☐ **[LI1]** (LI1) : : ☐ **[...]** (...): See the assignment conditions on page 124. The stop is activated when the input changes to 0 or the bit changes to 1 (bit in [I/O profile] (IO) at 0). If the input returns to state 1 and the run command is still active, the motor will only restart if [2/3 wire control] (tCC) page 89 = [2 wire] (2C) and the [2 wire type] (tCt) = [Level] (LEL) or [Fwd priority] (PFO). If not, a new run command must be sent.		
dCF ()	**[Ramp divider]** (1)	0 to 10	4
	The parameter can be accessed if [Type of stop] (Stt) = [Fast stop] (FSt) and if [Fast stop assign.] (FSt) is not [No] (nO). The ramp that is enabled (dEC or dE2) is then divided by this coefficient when stop requests are sent. Value 0 corresponds to a minimum ramp time.		

(1) The parameter can also be accessed in the [1.3 SETTINGS] (SEt-)menu.

() Parameter that can be modified during operation or when stopped.

Code	Name/Description	Adjustment range	Factory setting
	[STOP CONFIGURATION] (continued)		
dC I	**[DC injection assign.]**		[No] (nO)

Note: This function cannot be used with certain other functions. Follow the instructions on page 130.

- nO — ☐ **[No]** (nO): Not assigned
- LI1 — ☐ **[LI1]** (LI1)
- \- : \- : \- — ☐ **[...]** (...): See the assignment conditions on page 124.

DC injection braking is initiated when the assigned input or bit changes to state 1.
If the input returns to state 1 and the run command is still active, the motor will only restart if [2/3 wire control] (tCC) page 89 = [2 wire] (2C) and [2 wire type] (tCt) = [Level] (LEL) or [Fwd priority] (PFO). If not, a new run command must be sent.

IdC ↻	**[DC inject. level 1]**	(1) (3)	0.1 to 1.41 In (2)	0.64 In (2)

Level of DC injection braking current activated via logic input or selected as stop mode.
The parameter can be accessed if [Type of stop] (Stt) = [DC injection] (dCI) or if [DC injection assign.] (dCI) is not [No] (nO).

CAUTION

Check that the motor will withstand this current without overheating.
Failure to follow this instruction can result in equipment damage.

tdI ↻	**[DC injection time 1]**	(1) (3)	0.1 to 30 s	0.5 s

Maximum current injection time [DC inject. level 1] (IdC). After this time the injection current becomes [DC inject. level 2] (IdC2).
The parameter can be accessed if [Type of stop] (Stt) = [DC injection] (dCI) or if [DC injection assign.] (dCI) is not [No] (nO).

IdC2 ↻	**[DC inject. level 2]**	(1) (3)	0.1 In (2) to [DC inject. level 1] (IdC)	0.5 In (2)

Injection current activated by logic input or selected as stop mode, once period of time [DC injection time 1] (tdI) has elapsed.
The parameter can be accessed if [Type of stop] (Stt) = [DC injection] (dCI) or if [DC injection assign.] (dCI) is not [No] (nO).

CAUTION

Check that the motor will withstand this current without overheating.
Failure to follow this instruction can result in equipment damage.

tdC ↻	**[DC injection time 2]**	(1) (3)	0.1 to 30 s	0.5 s

Maximum injection time [DC inject. level 2] (IdC2) for injection, selected as stop mode only.
The parameter can be accessed if [Stop type] (Stt) = [DC injection] (dCI).

(1) The parameter can also be accessed in the [1.3 SETTINGS] (SEt-)menu.
(2) In corresponds to the rated drive current indicated in the Installation Manual and on the drive nameplate.
(3) Warning: These settings are independent of the [AUTO DC INJECTION] (AdC-) function.

↻ Parameter that can be modified during operation or when stopped.