

## Rexroth Fv Parameter training - exercise

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V01



## Load standard values

Parameter	Description	Value
B0.02	Restore factory default	0: No action 1: Restore parameter to factory default Note: The value is automatically set to 0 after restoring factory default.
B0.01	LCD language	0: Chinese 1: English
B0.11	Parameter filter setting	0: b Parameters 1: b, S Parameters 2: b, S, E Parameters 3: b, S, E, H Parameters

## Motor parameter

Parameter	Description	Value
S2.00	Rated motor frequency	
S2.01	Rated motor speed	
S2.02	Rated motor power	
S2.03	Rated motor voltage	
S2.04	Rated motor current	

## Motor control mode

Parameter	Description	Value
b1.03	Control mode	0: V/F control (V/F) 1: Senseless vector control (SVC) 2: Field oriented vector control (FOC)
S2.10	Parameter auto-tuning	0: No action 1: Auto tuning with running motor 2: Auto tuning with static motor

## Select control mode

Parameter	Description	Value
B1.02	Frequency converter control commands	0: Set control commands via operating panel 1: Set control commands via digital inputs 2: Set control commands via communication

## Select speed set-point

Parameter	Description	Value
B1.00	Frequency setting mode	0: Set by operating panel potentiometer 1: Set by operating panel 2: Set by analog inputs 3: Set by pulse frequency 4: Set by digital inputsUp/Down 5: Set via communication

## Ramp times

Parameter	Description	Value
B1.09	Acceleration time 1	
B1.10	Deceleration time 1	
B1.11	Acceleration/deceleration mode	0: Linear mode 1: S-curve mode

# Change range of potentiometer

Parameter	Description	Value
B1.05	Maximum frequency	
B1.06	Upper frequency – UF	



# Torque increase (V/f control)

Parameter	Description	Value
S0.08	Torque increase	0.0 % to 20.0 % (of rated frequency converter voltage) <ul style="list-style-type: none"><li>● 0.0 %: Automatic increase</li><li>● 0.0 % to 20.0 %: Manual increase</li></ul>

## DC brake (V/f control)

Parameter	Description	Value
B1.21	Shutdown DC brake activation frequency	0.00 to 10.00 Hz
B1.22	Shutdown DC brake time	0.0 to 20.0s (0.0 deactivates DC braking)
B1.23	DC brake current	0.0 % to 150.0 % (of rated frequency converter current)

# Rexroth Fv



Thank you  
for your  
attention