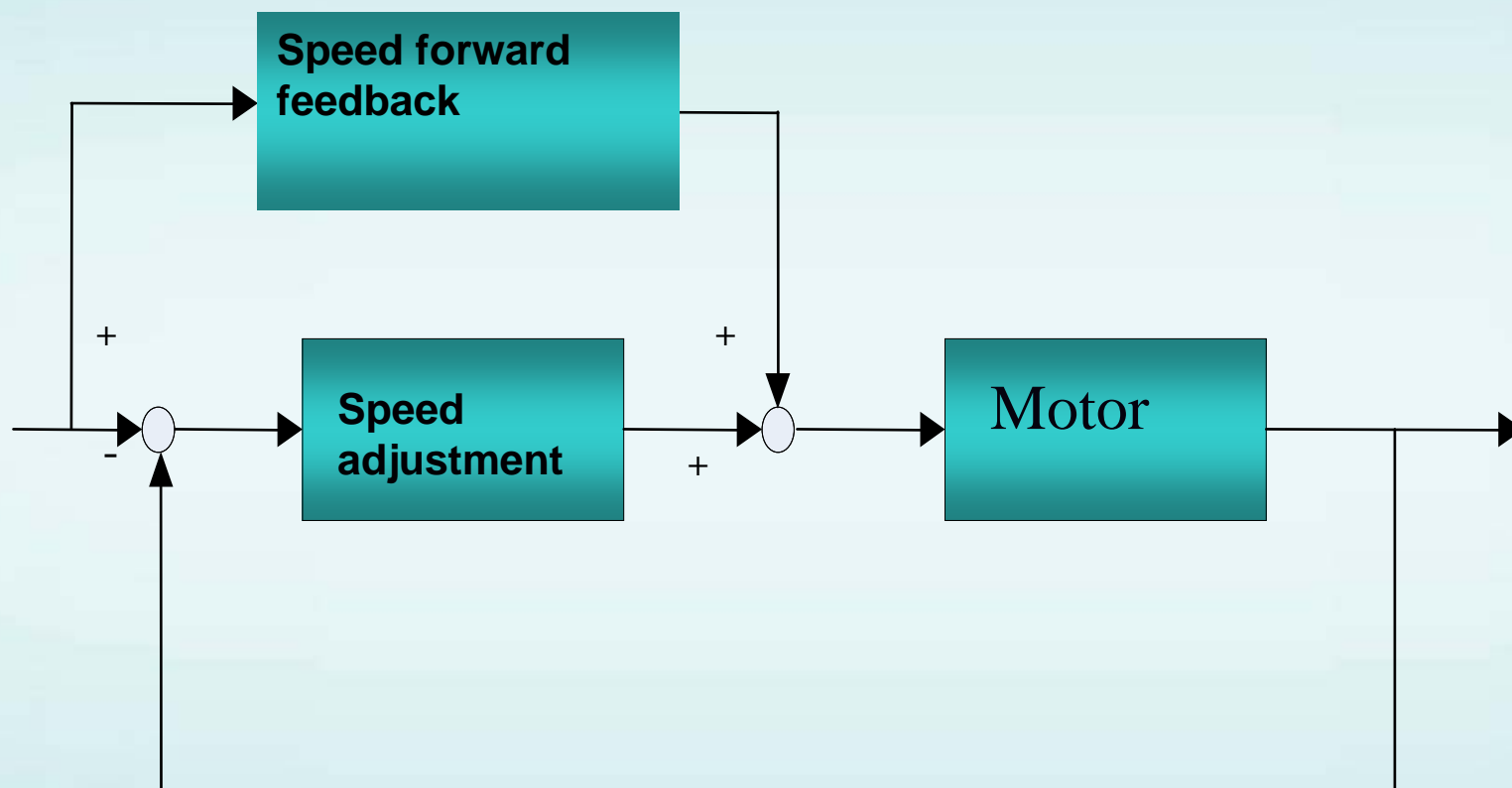


Using Estun new speed forward-feedback function

Estun Overseas Dept. 2009.03



Speed forward-feedback diagram



Notice Beforehand

- Please double-check that you did not change any parameters before starting using speed forward-feedback function.
- Or, please set default value.
- Please move the mechanical parts into middle to leave enough space for three circles of motor rotation.

Guidance on how to use speed forward-feedback function in EDB series

Enter into concealed parameter of EDB series

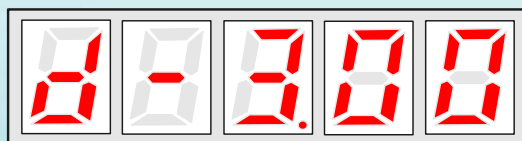
Please follow the following procedure to enter into concealed parameter of EDB series:

1. Enter into Fn007

- 1). Press MODE key and select assistant function mode.
- 2). Press INC key or DEC to select the function number for servo software version.

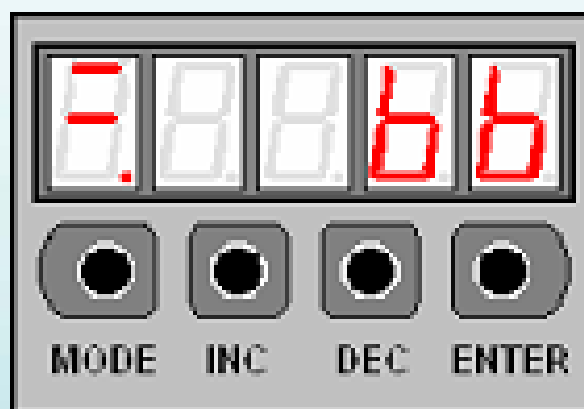


- 3). Press ENTER to display software version (D is displayed at the highest position)



Enter into concealed parameter of EDB series

2. Press keys in turn on the panel as 'Inc, Dec, Dec, Inc, Enter' to open concealed parameter.



Enter into concealed parameter of EDB series

3. Enter Fn010.

1). It displays "J" on the panel. Then press "mode" key on the panel to start inertia ratio auto reading.

2). The motor will then rotate forward CW 3 circles and rotate reverse CCW 3 circles.

3). Write down the value displayed on the panel for Fn010.

Set Pn113 of EDB series

- 1). Set the displayed value of Fn010 into Pn113.(integer part)
- 2). Set Pn112 as 100.

Note: 100 may be not exactly suitable for every machine. Please decrease this value until there is no mechanical vibration.

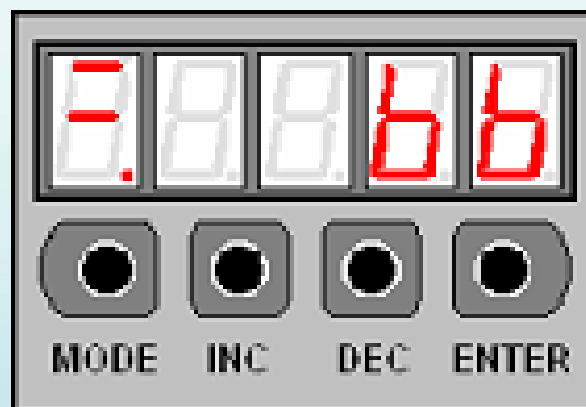
Effected

- Now the speed forward-feedback function has been engaged. You can then start to adjust Pn013,Pn014,Pn018 and so on according to your application requirements of robustness & noise.
- Please turn to Estun servo parameter adjustment methods for more reference.

Guidance on how to use speed forward-feedback function in EDC series

Enter into concealed parameter of EDC series

1. Press keys in turn on the panel as 'Inc, Dec, Dec, Inc, Enter' under bb status to open concealed parameter.



Enter into concealed parameter of EDC series

2. Enter Fn008.

1). It displays "J" on the panel. Then press "mode" key on the panel to start inertia ratio auto reading.

2). The motor will then rotate forward CW 3 circles and rotate reverse CCW 3 circles.

3). The inertia will then be automatically written into Pn124.

Set following parameter of EDC series

- 1). Set Pn012 as 1.
- 2). Increase Pn120.

Effected

- Now the speed forward-feedback function has been engaged. You can then start to adjust Pn013,Pn014,Pn018,Pn120 and so on according to your application requirements of robustness & noise.
- Please turn to Estun servo parameter adjustment methods for more reference.

ESTUN

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