

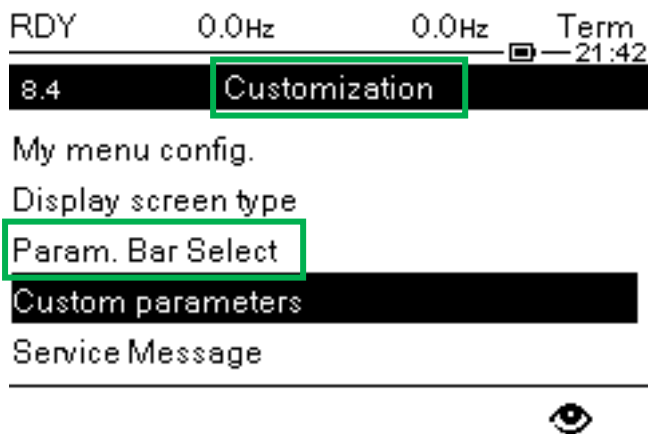
Customize RFR in % with ATV340 + VW3A1111 Keypad

The below is made with actual last version V1.6.

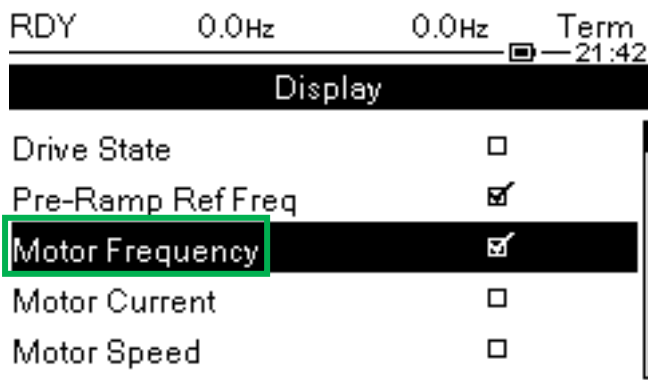
Check version on wiki at link below:

<http://machineautomationwiki/mediawiki/index.php/ATV340>

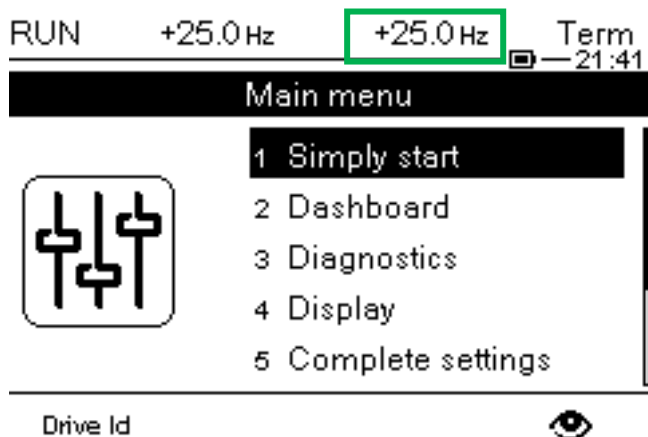
At first go to the menu **8.4 Customization**, then click on sub menu **Bar Select**:



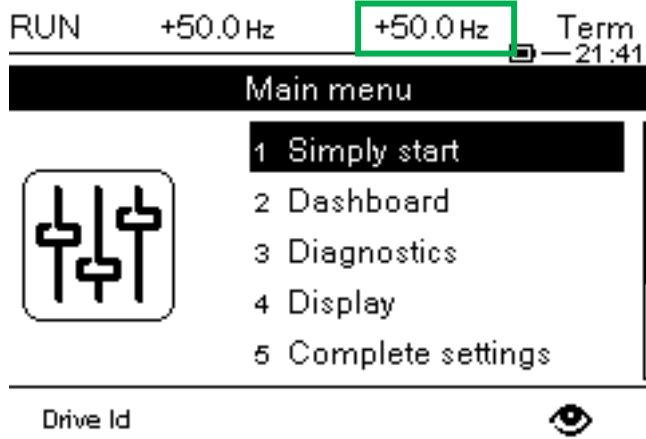
Choose then Motor Frequency:



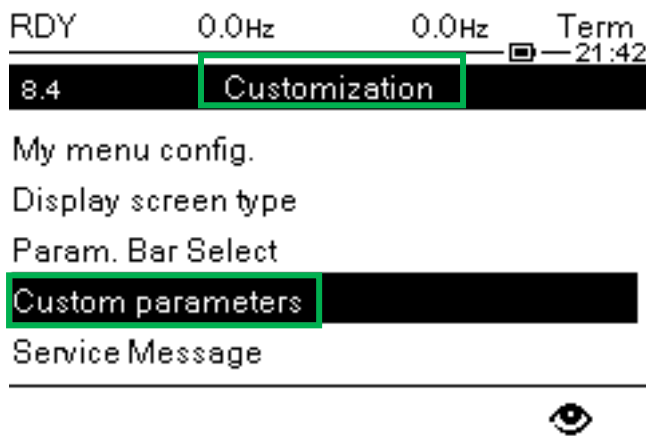
Here you can see that motor frequency is in Hz:



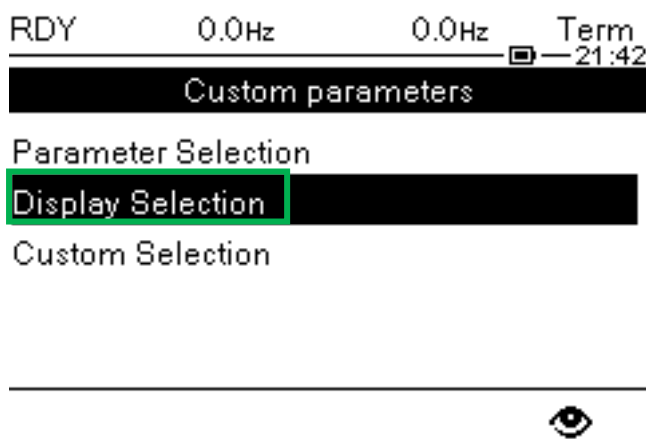
50hz here in my case is max motor frequency:



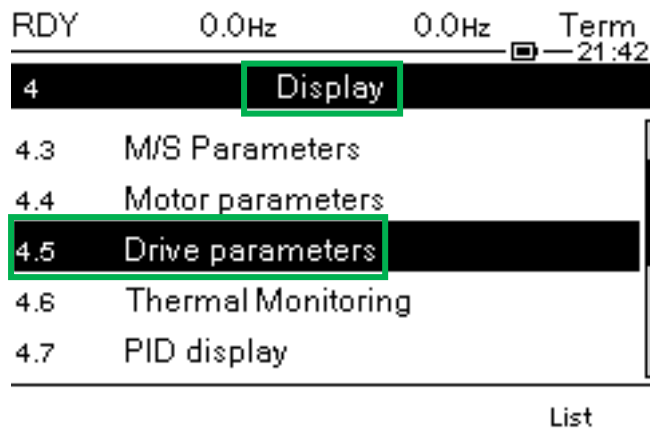
Customer need is to display this value in %, for that, I go again on the menu 8.4 customization, then to the submenu "Custom parameters" :



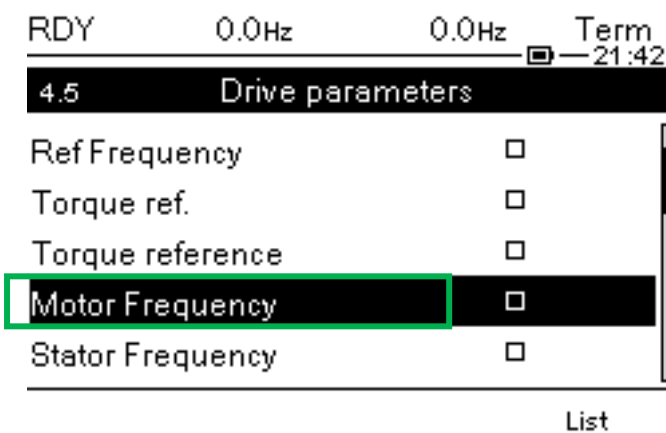
After that go to Display Selection:



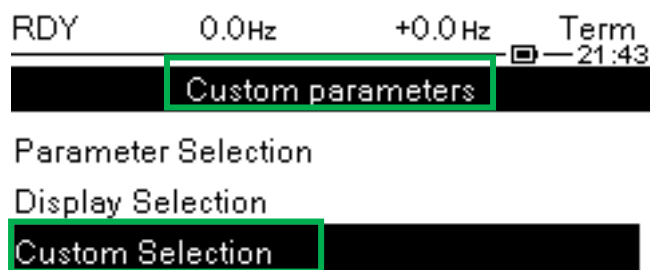
You will see the display Drive menu. Then Go to Drive parameters:



Select "Motor Frequency":



Click Then on "ESC" button, until see the menu below:



You will find the parameters selected, here I select only one which is "motor Frequency":

RDY	0.0Hz	+0.0Hz	Term
			21:43
Custom Selection			
Motor Frequency			

Del

I click on it, then I will see the customization parameters (Name, Unit, Multiplier, ...):

RDY	0.0Hz	+0.0Hz	Term
			21:43
Motor Frequency			
User name			
Unit		Standard	
Multiplier		1	
Divisor		1	
Offset		0.00	

On my example, I need to see 100% instead of 50hz, and 50% instead of 25hz.

So, first parameter to change is unit. I change from Hz to %

Enter on Unit

RDY	0.0Hz	+0.0Hz	Term
			21:43
Motor Frequency			
User name			
Unit		Standard	
Multiplier		1	
Divisor		1	
Offset		0.00	

Then I change to %:

RDY +25.0 Hz +0.0 Hz Term 22:02

Unit

Standard	✓
Unit	
%	
mA	

👁

This mean that I should have a multiplier equal to 2 instead of 1.

RDY +25.0 Hz +0.0 % Term 22:02

Motor Frequency

User name	
Unit	%
Multiplier	1
Divisor	1
Offset	0.00

I set 2, then I click on "OK" button:

RDY +25.0 Hz +0.0 % Term 22:02

Multiplier

2

Min: 1 Max: 1000


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Now, at 25hz (frequency target in yellow square), the motor frequency displayed is 50%

RUN +25.0 Hz +50.0 % Term 22:03

Main menu

- 4 Display
- 5 Complete settings
- 6 Communication
- 7 File management
- 8 My preferences

Drive Id 

The motor frequency displayed at 50hz is 100%

RUN +25.0 Hz +50.0 % Term 22:03

Main menu

- 4 Display
- 5 Complete settings
- 6 Communication
- 7 File management
- 8 My preferences

Drive Id 