

This is a Discontinued Product

Contact Kollmorgen Customer Support at
1-540-633-3545 or email us at support.kollmorgen.com
if assistance is required.

AKM Motor with SC900 or SCE900 Servo Drive

1. Click On-Line Tuning

2. Under Motors click Other... (at bottom of pull down menu)

3. Current in Peak, not rms

4. Number of Poles, not pole pairs.
Ex: AKM21 = 6

5. Click Okay & save configuration

6. Set Commoft = 240
This is set in the program after saving configuration

The screenshot shows the Pacific Scientific 950 Development Environment interface. The main window displays a list of parameters for an axis, including Drive, Motor, Performance Setting, and Inertia Ratio. The 'On-Line Tuning' dialog box is open, showing Performance (Gentle, Medium, Stiff) and System Information (Motor, Drive, Inertia Ratio) sections. The 'Custom Motor Configuration' dialog box is also open, showing Motor Properties (Back EMF Constant, Continuous Stall Current, Inertia, Inductance, Number of Poles) and buttons for OK and Cancel. The 'Commoft' parameter is highlighted in the main window, and the 'Number of Poles' field in the Custom Motor Configuration dialog is set to 6.

```
params
----- Parameter Values Header -----
* Drive: <unknown>
* Motor: <unknown>
* Performance Setting: <unknown>
* Inertia Ratio: <unknown>
-----
params start
ARF0 = 149.996582
ARF1 = 750.009521
Commoft = 239.996338
ComSrc = 0
ILmtMinus = 100.000000
ILmtPlus = 100.000000
IThresh = 60.000000
Kip = 119.099648
Kpp = 15.000031
Kvi = 4.993019
Kup = 0.062366
Polecount = 6
BDIOMap1 = Fault_Reset_In
BDIOMap2 = CW_Inhibit_In
BDIOMap3 = CCW_Inhibit_In
BDIOMap4 = 0
BDIOMap5 = Brake_Out_Hi
BDIOMap6 = Fault_Out_Hi
-----
params end
end params

----- program info -----
programinfo
$PacLanAddr(255) 'allow download only to axis 255
end programinfo

----- Define (dim) Global Variables -----

----- Main Program -----
main
enable = 1
AccelRate = 5000
```