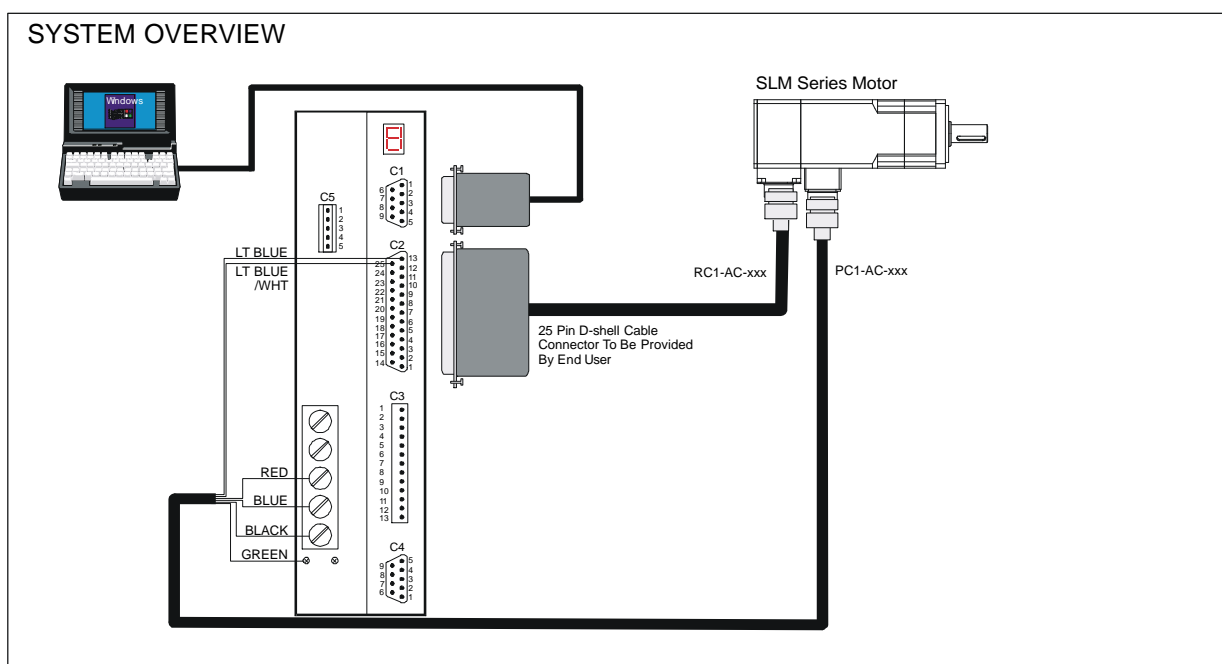


Basic SLM Series Parameter Settings for Kollmorgen SERVOSTAR CD Drives (1)				
		SLM060	SLM090	SLM115
Maximum Speed	RPM	5000	3000	3000
Back EMF Compensation	%	50	50	50
Motor Inertia	Kg-m ²	See Inertia Table in section 4.2		
Motor Poles		8	8	8
AGain @ Peak Current	%	40	40	40
AGain @ Cont. Current	%	70	70	70
AGain@ Zero Current	%	100	100	100
Torque Advance P	Elec. Degrees	23	23	23
Torque Advance C	Elec. Degrees	10	10	10
Speed Advance V	Elec. Degrees	25	25	25
Speed Advance ½ V	Elec. Degrees	15	15	15

Note 1 Appropriate motor files may be obtained from Exlar and downloaded to SERVOSTAR CD drives. Use user.m03 file found on www.exlar.com

6.4a Kollmorgen SERVOSTAR Drive with SLM Series Motor (B/C/P Connector Option)



Motor Power Cable PC6-MC-XXX 060, 090 no brake lead PC7-MC-XXX size 115, no brake lead PCI-AC-XXX 060, 090 with brake lead PC7-AC-XXX size 115 with brake lead			
Exlar Connector	Wire Color	Function	SERVOSTAR Connector
A	Brown	Phase A	Ma
B	Black	Phase C	Mc
C	Blue	Phase B	Mb
D	Green	GND	⊕
F	Blue/White	Brake -	
G	Blue	Brake +	

Resolver Cable EC4-MC-XXX			
Exlar Connector	Wire Color	Function	C2 Connector
G	Red/Orange	Sine Hi (S3)	1
S	Gray/White	Sine Lo (S1)	2
Z	Bare	Shield	3
H	Orange/Red	Cos Hi (S2)	4
F	White/Gray	Cos Lo (S4)	5
Z	Bare	Shield	6
Z	Bare	Shield	14
R	Brown/White	Ref Hi Out (R2)	15
E	White/Brown	Ref Lo Out (R1)	16
N	Green	Therm Hi	13
U	Yellow	Therm Lo	25