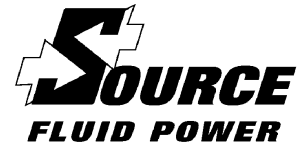


Appendix 1: Motor Specification Sheet



Operating speed letter code	Motor Speed	Motor voltage	Description	Where to use
12 VDC Motors				
A	< 1 sec	12 VDC	Basic motor, no electronic braking	For customers who provide their own closed loop control.
B	1.25 sec	12 VDC	Internal PWM speed control, no feedback	Soft start or on/off applications toggle switch control.
C	2.5 sec	12 VDC	Internal PWM speed control, no feedback	Soft start or on/off applications toggle switch control.
D	3.5 sec	12 VDC	Internal PWM speed control, no feedback	Soft start or on/off applications toggle switch control.
E	7 sec	12 VDC	Internal PWM speed control, no feedback	Toggle switch metering control "Quick" manual metering
F	12 sec	12 VDC	Internal PWM speed control, no feedback	Toggle switch metering control "Normal" manual metering
G	24 sec	12 VDC	Internal PWM speed control, no feedback	Toggle switch metering control "Fine" manual metering
H	36 sec	12 VDC	Internal PWM speed control, no feedback	Toggle switch metering control "Extra fine" manual metering
I	48 sec	12 VDC	Internal PWM speed control, no feedback	Toggle switch metering control "Extra fine" manual metering
24 VDC motors				
J	1.25 sec	24 VDC	Internal PWM speed control, no feedback	Soft start or on/off applications toggle switch control.
K	2.5 sec	24 VDC	Internal PWM speed control, no feedback	Soft start or on/off applications toggle switch control.
L	3.5 sec	24 VDC	Internal PWM speed control, no feedback	Soft start or on/off applications toggle switch control.
M	7 sec	24 VDC	Internal PWM speed control, no feedback	Toggle switch metering control "Quick" manual metering
N	12 sec	24 VDC	Internal PWM speed control, no feedback	Toggle switch metering control "Normal" manual metering
O	24 sec	24 VDC	Internal PWM speed control, no feedback	Toggle switch metering control "Fine" manual metering
P	36 sec	24 VDC	Internal PWM speed control, no feedback	Toggle switch metering control "Extra fine" manual metering
Q	48 sec	24 VDC	Internal PWM speed control, no feedback	Toggle switch metering control "Extra fine" manual metering
12 VDC MOTORS WITH POSITION FEEDBACK				
FB	0.9 sec	12 VDC	Motor with feedback for use with PEM-DMC controller card	When used with our PEM-DMC controller card it will adjust per your variable input command.