

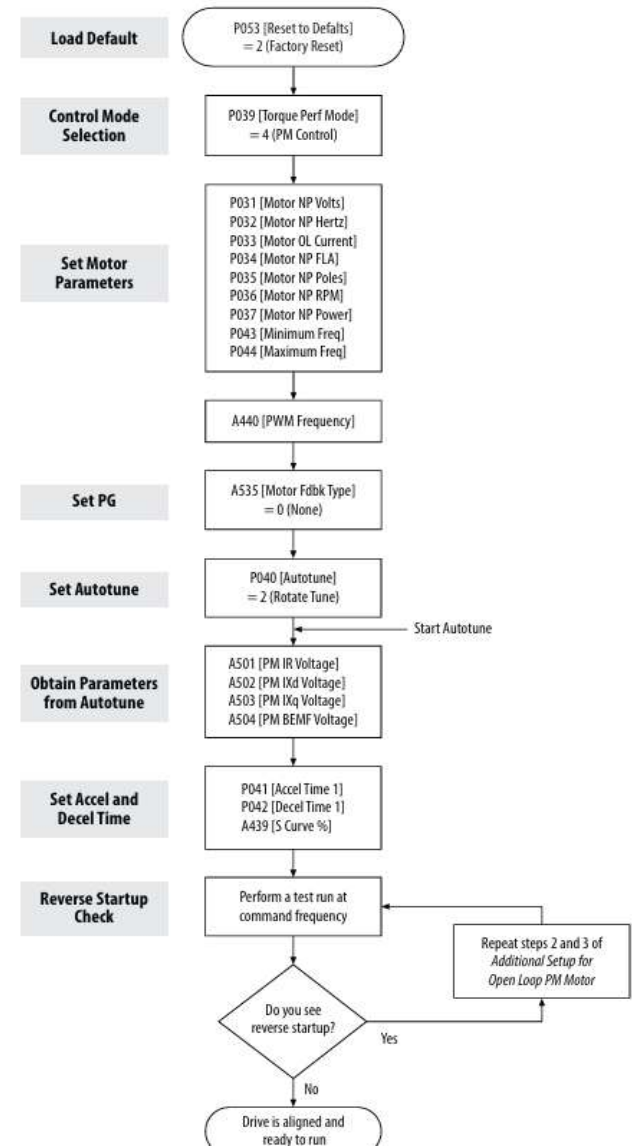
1HP cLEAN Motor

1HP cLEAN Motor				
Powerflex Parameter Description	Parameter Number	Parameter Value 460Y	Parameter Value 460Δ	Parameter Value 230Δ
Motor NP Volts (V_AC)	P031	460 V	460 V	230 V
Motor NP Hertz (Hz)	P032	90 Hz	150 Hz	90 Hz
Motor OL Current (A)	P033	1.6 A	1.74 A	2.73 A
Motor NP FLA	P034	1.6 A	1.74 A	2.73 A
Motor NP Poles (Poles)	P035	6	6	6
Torque Per Mode	P039	4	4	4
Motor NP RPM (RPM)	P036	1800 RPM	3000 RPM	1800 RPM
Motor NP Power (kW)	P037	0.75 kW	0.75 kW	0.75 kW
Accel Time (Sec)	P041	10.00 Sec	10.00 Sec	10.00 Sec
Decel Time (Sec)	P042	10.00 Sec	10.00 Sec	10.00 Sec
Minimum Freq (Hz)	P043	0 Hz	0 Hz	0 Hz
Maximum Freq (Hz)	P044	150 Hz	150 Hz	90 Hz
PWM Frequency (Hz) "Carrier"	A440	4.00 kHz	4.00 kHz	4.00 kHz
PM Initial Sel	A516	1 (HFI)	1 (HFI)	1 (HFI)
Motor Feedback Type	A535	0	0	0

Note: DO NOT auto-tune the cLEAN Motor. Instead use the parameters below instead. This will replace auto-tune.

Parameters change instead of auto-tune				
PM IR Voltage	A501	12.77	3.11	7.61
PM Ixd Voltage	A502	5.04	3.09	2.76
PM Ixq Voltage	A503	9.59	6.45	5.72
PM BEMF Voltage	A504	270.6	254.7	160.3
Start Boost	A531	7.8	7.8	15
Break Voltage	A532	50	30	50
Break Frequency	A533	22.5	37.5	22.5
Phase Loss Level	A576	4	4	4
PM Stable 2 Kp	A584	978	978	978

Other Important Parameters		
Speed Reference 1	P047	1-16 Check Manual
Start Source 1	P046	1-5 Check Manual
Reset To Defaults	P053	0-4 Check Manual
Stop Mode	P045	0-11 Check Manual
Current Limit 1	A484	Max Unless Specified
Current Limit 2	A485	Max Unless Specified
Command Freq	b002	Read Only
Output Freq	b001	Read Only
Output Current	b003	Read Only
Output Voltage	b004	Read Only
DC Bus Voltage	b005	Read Only



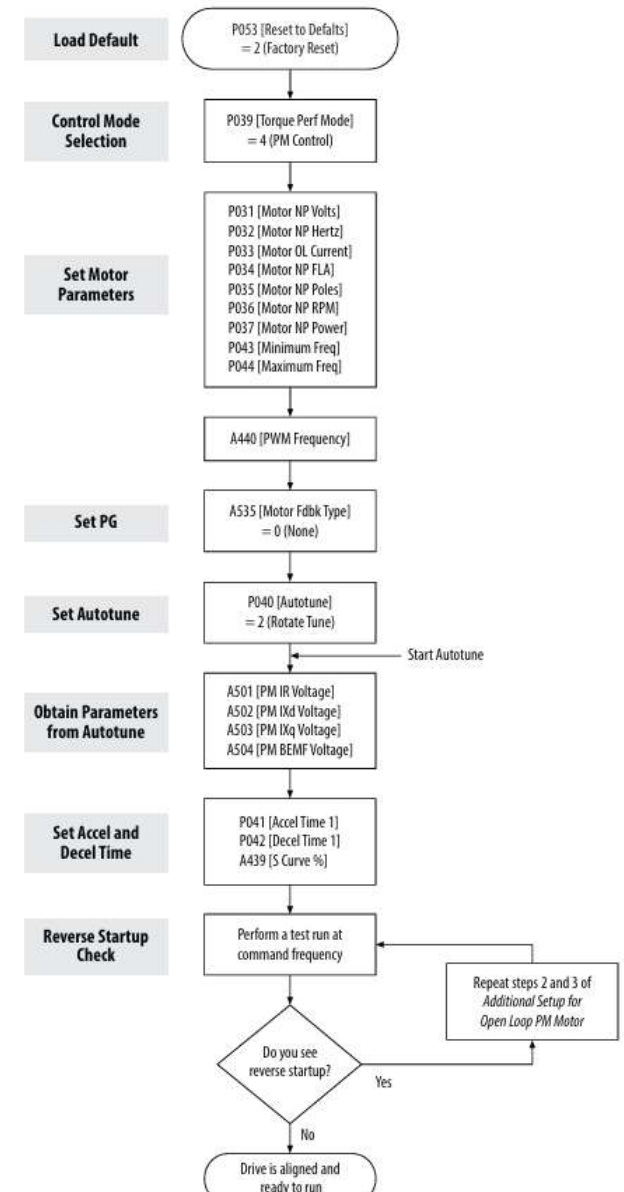
2HP cLEAN Motor

2HP cLEAN Motor				
Powerflex Parameter Description	Parameter Number	Parameter Value 460Y	Parameter Value 460Δ	Parameter Value 230Δ
Motor NP Volts (V_AC)	P031	460 V	460 V	230 V
Motor NP Hertz (Hz)	P032	90 Hz	150 Hz	90 Hz
Motor OL Current (A)	P033	3.26 A	3.57 A	5.67 A
Motor NP FLA	P034	3.26 A	3.57 A	5.67 A
Motor NP Poles (Poles)	P035	6	6	6
Torque Per Mode	P039	4	4	4
Motor NP RPM (RPM)	P036	1800 RPM	3000 RPM	1800 RPM
Motor NP Power (kW)	P037	1.5 kW	1.5 kW	1.5 kW
Accel Time (Sec)	P041	10.00 Sec	10.00 Sec	10.00 Sec
Decel Time (Sec)	P042	10.00 Sec	10.00 Sec	10.00 Sec
Minimum Freq (Hz)	P043	0 Hz	0 Hz	0 Hz
Maximum Freq (Hz)	P044	150 Hz	150 Hz	90 Hz
PWM Frequency (Hz) "Carrier"	A440	4.00 kHz	4.00 kHz	4.00 kHz
PM Initial Sel	A516	1 (HFI)	1 (HFI)	1 (HFI)
Motor Feedback Type	A535	0	0	0

Note: DO NOT auto-tune the cLEAN Motor. Instead use the parameters below instead. This will replace auto-tune.

Parameters change instead of auto-tune				
PM IR Voltage	A501	14.18	11.24	8.46
PM Ixd Voltage	A502	6.17	4.35	3.73
PM Ixq Voltage	A503	13.93	8.72	8.15
PM BEMF Voltage	A504	270.6	247.4	154.6
Start Boost	A531	7.8	7.8	8.5
Break Voltage	A532	50	30	50
Break Frequency	A533	22.5	37.5	22.5
Phase Loss Level	A576	4	4	4
PM Stable 2 Kp	A584	871	871	871

Other Important Parameters		
Speed Reference 1	P047	1-16 Check Manual
Start Source 1	P046	1-5 Check Manual
Reset To Defaults	P053	0-4 Check Manual
Stop Mode	P045	0-11 Check Manual
Current Limit 1	A484	Max Unless Specified
Current Limit 2	A485	Max Unless Specified
Command Freq	b002	Read Only
Output Freq	b001	Read Only
Output Current	b003	Read Only
Output Voltage	b004	Read Only
DC Bus Voltage	b005	Read Only



3HP cLEAN Motor

3HP cLEAN Motor				
Powerflex Parameter Description	Parameter Number	Parameter Value 460Y	Parameter Value 460Δ	Parameter Value 230Δ
Motor NP Volts (V_AC)	P031	460 V	460 V	230 V
Motor NP Hertz (Hz)	P032	90 Hz	150 Hz	90 Hz
Motor OL Current (A)	P033	4.43 A	5.06 A	7.65 A
Motor NP FLA	P034	4.43 A	5.06 A	7.65 A
Motor NP Poles (Poles)	P035	6	6	6
Torque Per Mode	P039	4	4	4
Motor NP RPM (RPM)	P036	1800 RPM	3000 RPM	1800 RPM
Motor NP Power (kW)	P037	2.22 kW	2.26 kW	2.22 kW
Accel Time (Sec)	P041	10.00 Sec	10.00 Sec	10.00 Sec
Decel Time (Sec)	P042	10.00 Sec	10.00 Sec	10.00 Sec
Minimum Freq (Hz)	P043	0 Hz	0 Hz	0 Hz
Maximum Freq (Hz)	P044	150 Hz	150 Hz	90 Hz
PWM Frequency (Hz) "Carrier"	A440	4.00 kHz	4.00 kHz	4.00 kHz
PM Initial Sel	A516	1 (HFI)	1 (HFI)	1 (HFI)
Motor Feedback Type	A535	0	0	0

Note: DO NOT auto-tune the cLEAN Motor. Instead use the parameters below instead. This will replace auto-tune.

Parameters change instead of auto-tune				
PM IR Voltage	A501	10.56	4.45	4.86
PM Ixd Voltage	A502	6.7	4.25	3.31
PM Ixq Voltage	A503	14.59	8.97	7.14
PM BEMF Voltage	A504	291.2	259.8	168.6
Start Boost	A531	7.8	2.6	4.4
Break Voltage	A532	50	50	39.9
Break Frequency	A533	22.5	37.5	22.5
Phase Loss Level	A576	4	4	4
PM Stable 2 Kp	A584	768	764	768

Other Important Parameters		
Speed Reference 1	P047	1-16 Check Manual
Start Source 1	P046	1-5 Check Manual
Reset To Defaults	P053	0-4 Check Manual
Stop Mode	P045	0-11 Check Manual
Current Limit 1	A484	Max Unless Specified
Current Limit 2	A485	Max Unless Specified
Command Freq	b002	Read Only
Output Freq	b001	Read Only
Output Current	b003	Read Only
Output Voltage	b004	Read Only
DC Bus Voltage	b005	Read Only

