



# ORCA VFD SETTINGS

## ABB550 SERIES

Parameters	DESCRIPTION	ABB DEFAULT	Orca Set-up	COMMISIONING DATA		
				//	//	//
Group 99	START-UP DATA					
9902	Applic Macro	STANDARD (1)	STANDARD (1)			
9904	Motor Ctrl Mode	Vector Speed (1)	Scalar Frequency (3)			
9905	Motor Nom Volt	230/400 V *)	415			
9906	Motor Nom Curr	IN **)	Motor Nameplate			
9907	Motor Nom Freq	50 Hz	50 Hz			
9908	Motor Nom Speed	1440 rpm	Motor Nameplate			
9909	Motor Nom Power	0.75...90 kW	Motor Nameplate			
9910	Motor ID Run	OFF (0)	OFF (0)			
Group 10	Start/Stop/Dir					
1001	Ext1 Commands	DI1,2 (2)	DI 1 (1)			
1003	Direction	Request (3)	FORWARD (1)			
Group 12	CONSTANT SPEEDS					
1201	Const Speed Sel	DI3,4 (9)	DI3(3)			
1202	Const Speed 1	5 Hz	50 Hz			
Group 14	RELAY OUTPUTS					
1401	Relay Output 1	Ready (1)	FAULT -1 (3)			
Group 16	SYSTEM CONTROLS					
1601	Run Enable	Not Selected (0)	NOT SELECTED (0)			
1604	Fault Reset Sel	Keypad (0)	START / STOP (7)			
1606	Local lock	Not Selected (0)	On (7)			
Group 20	LIMITS					
2003	Max Current	0...1.8 * I2hd	Motor Name +10%			
Group 21	START/STOP					
2108	Start Inhibit	Off (0)	OFF (0)			
Group 22	Accel/Decel					
2201	ACC/DEC ½ Sel	DI5 (5)	NOT SELECTED (0)			
2202	Acceler Time 1	5 s	1 s			
2203	Deceler Time 1	5 s	1 s			
Group 26	MOTOR CONTROL					
2603	IR Compensation	50 V	0 V			
2605	U/F ratio	Linear (1)	SQUARED (2)			
2608	Slip Comp Ratio	0 %	100 %			