

Experiment 2 - Datasheet

4.3.2. Vector Control (VFD)

Action & Frequency	f (Hz)	V _{I-L} (V)	I _{line} (A)	T _{out} (Nm)	P _{out} (kW)	I _{br} (A)	t (sec)	x (m)	v (m/s)
Raise - 50 Hz									
Lower - 50 Hz									
Raise - 25 Hz									
Lower - 25 Hz									
Raise - 5 Hz									
Lower - 5 Hz									

4.3.3. V/f Control (VFD)

Action & Frequency	f (Hz)	V _{I-L} (V)	I _{line} (A)	T _{out} (Nm)	P _{out} (kW)	I _{br} (A)	t (sec)	x (m)	v (m/s)
Raise - 50 Hz									
Lower - 50 Hz									
Raise - 25 Hz									
Lower - 25 Hz									
Raise - 5 Hz									
Lower - 5 Hz									

4.3.4. Direct On-line Control (DOL)

Action	t (sec)	x (m)	v (m/s)
Raise			
Lower			

4.3.5. Crane Hoist Measurements

Action	t (sec)	x (m)	Revolution	Motor Speed
Raise				
Braking Resistor				

Group No:

Experiment Date