

Experiment 3 - Datasheet

5.3.2. Pump Load Characteristics

Speed ref (rpm)	T (Nm)	N (rpm)	P ₁ (kW)	Q ₁ (kVAR)	P ₂ (kW)	pf	V (Volts)	f (Hertz)
75								
200								
300								
400								
500								
600								
720								

5.3.3. Electric Traction Load Characteristics

Speed ref (rpm)	T (Nm)	N (rpm)	P ₁ (kW)	Q ₁ (kVAR)	P ₂ (kW)	pf	V (Volts)	f (Hertz)
75								
200								
300								
400								
500								
600								
720								

5.3.5. Motor Drive Effects

Motor line-to-line voltage		Harmonic components			
Motor line current		3		13	
Motor earth current		5		15	
Grid side line current		7		17	
Total harmonic distortion		9		19	
		11		21	

Group No:	
Experiment Date	