



TECHNICAL SPECIFICATIONS						
Parameter	Shaft	Motor	I	II	III	Working part
Power P(kW)		2.941	2.913	2.712	2.551	2.5
Transmission ratio u		1	2.958	3		1
Rotational speed n(rpm)		1420	1420	480.054	160.018	160
Torque T(Nm)		19.779	19.591	56.955	152.246	149.219

23	09.02.01.08	Flexible Coupling 2	1	C45	
22	UCP210	Pillow Block Bearing	2		Timken
21	09.02.01.07	Driven Chain Sprocket	1	C45	
20	09.02.01.06	Retaining Plate	1	CT3	
19	B230815	M8x20 Screw	1	SUS304	Misumi
18	09.02.01.05	Driving Chain Sprocket	1	C45	
17	09.02.02.06	UPE120-400 Steel Channel	2	S355	
16	09.02.02.05	UPE200-1500 Steel Channel	1	S355	
15	09.02.02.04	UPE140-400 Steel Channel	2	S355	
14	09.02.02.03	UPE200-730 Steel Channel	1	S355	
13	09.02.02.02	UPE200-330 Steel Channel	1	S355	
12	09.02.01.04	Roller Chain	1		
11	09.02.02.01	UPE200-220 Steel Channel	2	S355	
10	09.02.01.03	Mixing Chamber	1		
9	RCB16-60	M16 Bolt	8	SCM435	Misumi
8	SLW16	M16 Split Washer	8	JIS-SWRH	Misumi
7	HNT1-STC-M16	M16 Nut	8	SWCH	Misumi
6	09.02.01.02	Reducer Box	1		
5	09.02.01.01	Flexible Coupling 1	1	C45	
4	RCB12-60	M12 Bolt	4	SCM435	Misumi
3	SLW12	M12 Spring Washer	4	JIS-SWRH	Misumi
2	HNT1-STC-M12	M12 Nut	4	SWCH	Misumi
1		Motor 4A100S4Y3	1		

No.	Symbol	Name	Qty	Material	Note
TRANSMISSION SYSTEM PROJECT					
Function	Full Name	Sign	Date	Mark	Weight
Drawn	P.D.K.Nguyễn				Ratio
Checked	N. Tấn Tiến				1:3
Approved					
HO CHI MINH UNIVERSITY OF TECHNOLOGY FACULTY OF MECHANICAL ENGINEERING					