



SM-100NH Planetary Mixer Parts Catalogue and Electrical Diagram

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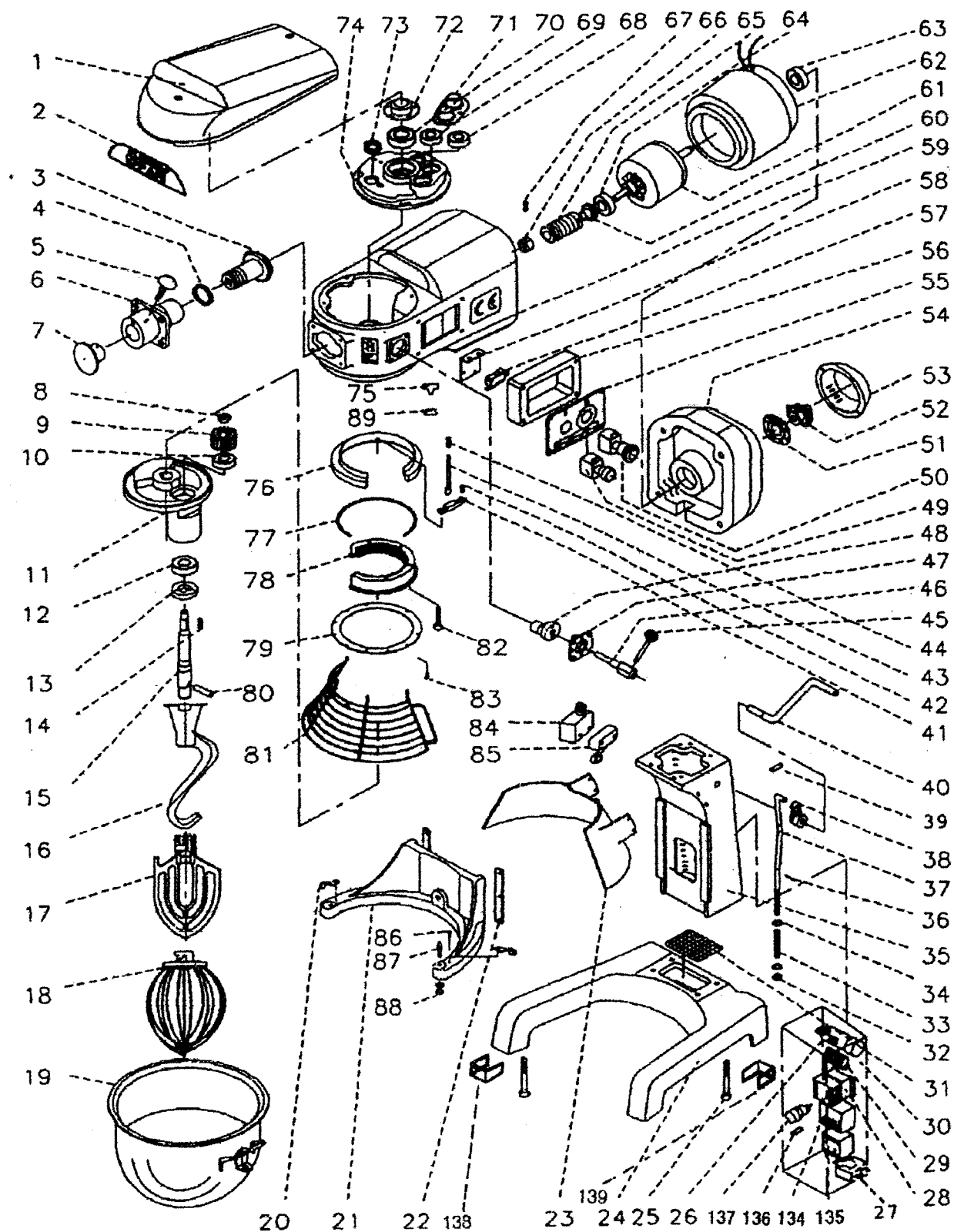
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SM-100NH Planetary Mixer Main Body Assembly

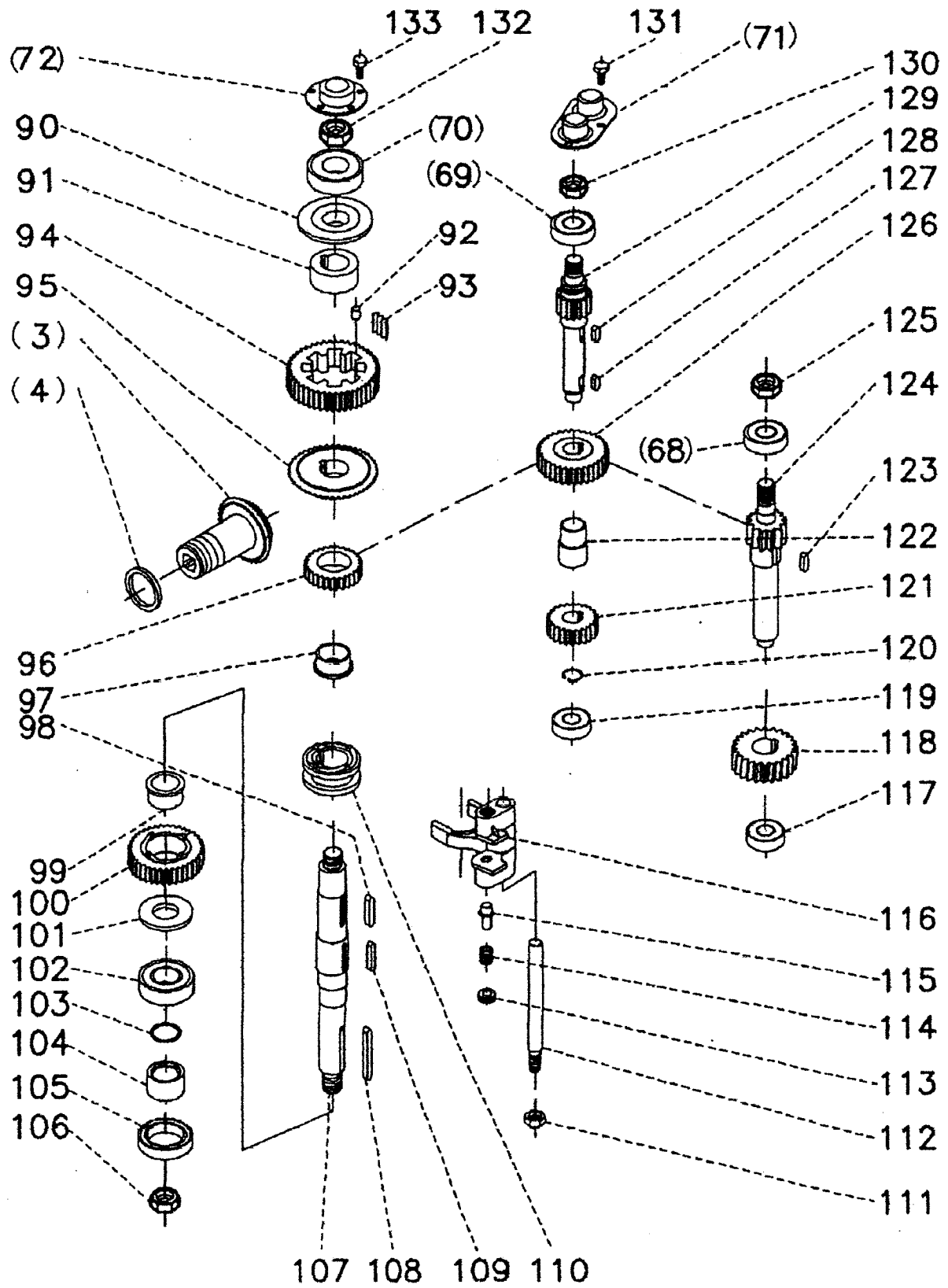


SM-100NH Planetary Mixer

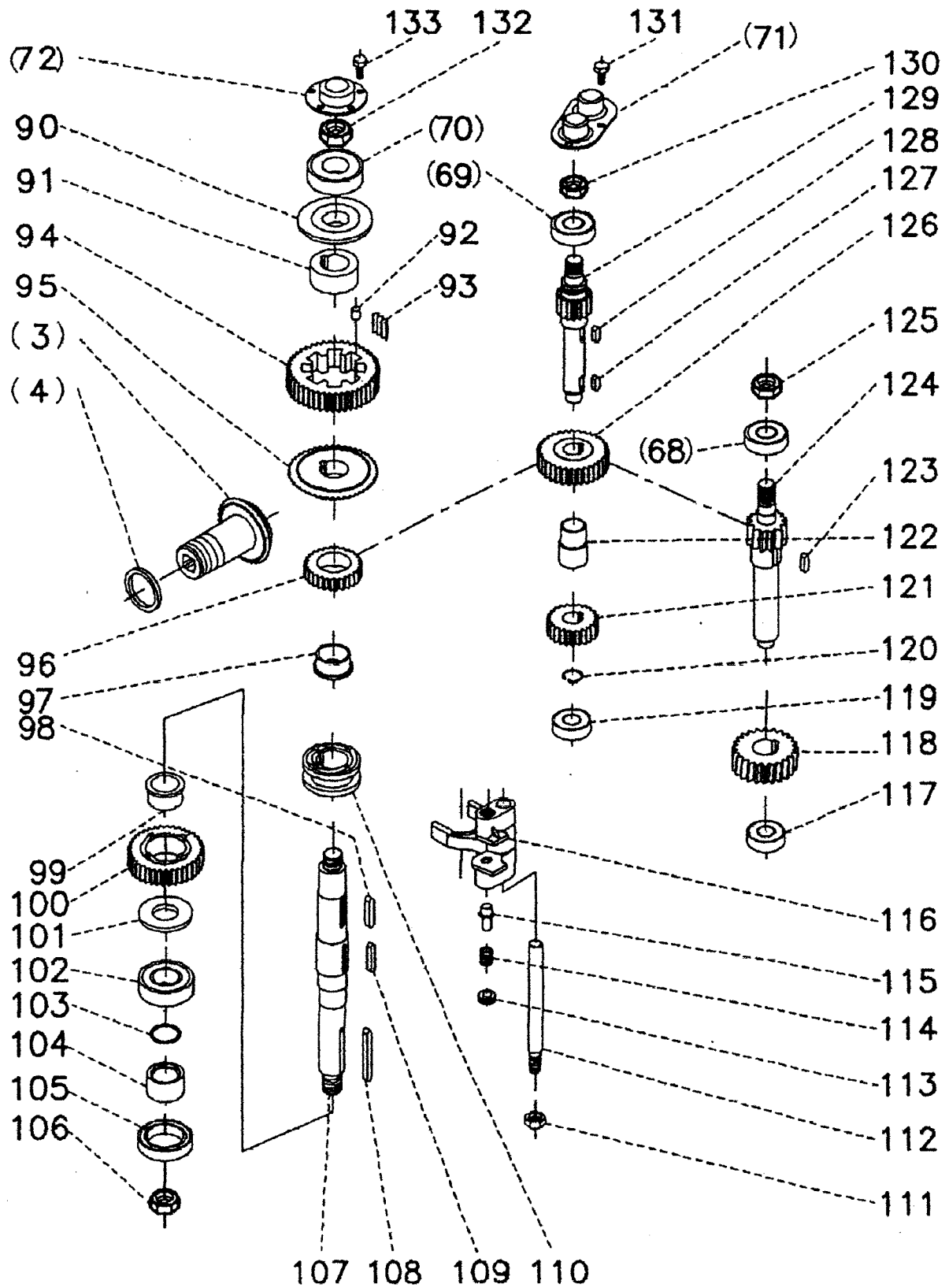
Main Body Parts Table

ITEM	QTY.	DESCRIPTION	ITEM	QTY.	DESCRIPTION
1.	1	COVER-TRANSMISSION	36.	1	PIN-SPRING (3mm)
2.	1	SPAR MARK	37.	1	ROD-BOWL LIFT
3.	1	LEVEL DRIVE GEAR (35T)	38.	1	ARM-BOWL LIFT
4.	2	WASHER-THRUST	39.	1	PIN 5x30
5.	1	THUMB SCREW	40.	1	HELGHT ADJUSTER
6.	1	HUB-ATTACHMENT	41.	1	TOUCH MASS
7.	1	PLUG-ATTACHMENT HOLE	42.	2	M4 SCREWS
8.	1	NUT-STOP	43.	1	TOUCH SHAFT
9.	1	PINION-BEATER (19T)	44.	1	SPRING
10.	1	BALL BEARING - #6203z	45.	1	WRENCH
11.	1	PLANETARY HOLE	46.	1	SHAFT-WRENCH
12.	1	BALL BEARING - #6204z	47.	1	COVER
13.	1	SEAL-OIL (TC 25x47x10)	48.	1	SHAFT-BIAS
14.	1	LEVEL KEY (5x5x20)	49.	1	START BUTTON
15.	1	SHAFT-PLANETARY	50.	1	EMERGENCY STOP BUTTON
16.	1	DOUGH ARM	51.	1	PLATINUM SWITCH
17.	1	FLAT BEATER	52.	1	CLUTCH
18.	1	WIRE WHIP	53.	1	COVER
19.	1	BOWL MATERIAL(10 QUART)	54.	1	BEHIND COVER-TRANSMISSION
20.	2	STEADY HOOK	55.	1	ENGRAVE PLATE
21.	1	BOWL CRADLE	56.	1	PAD
22.	2	ESCORT PLANK	57.	1	MICRO SWITCH
23.	1	BEHIND INTERLOCK GUARDING	58.	1	FIXED SEAT
24.	1	BASE	59.	1	CASE-TRANSMISSION
25.	4	L-75mm x W3/8" SCREWS	60.	1	SPRING SHOCK ABSORBER
26.	1	CAPACITOR	61.	1	MOTOR SHAFT
27.	1	CIRCUIT BREAKER	62.	1	MOTOR COIL
28.	1	CONTACTORS	63.	1	BALL BEARING - #6203zz
29.	1	WIRE CONNECTOR	64.	1	BALL BEARING - #6203zz
30.	1	ELECTRIC BOX	65.	1	WORM (5T)
31.	1	NET	66.	1	NUT-STOP
32.	2	NUT-STOP	67.	1	PIN-SPRING
33.	1	SPRING	68.	1	BALL BEARING - #6201z
34.	2	WASHER	69.	1	BALL BEARING - #6201z
35.	1	PILLAR-MIDDLE	70.	1	BALL BEARING - #6203z

SM-100NH Planetary Mixer Gear Box Assembly



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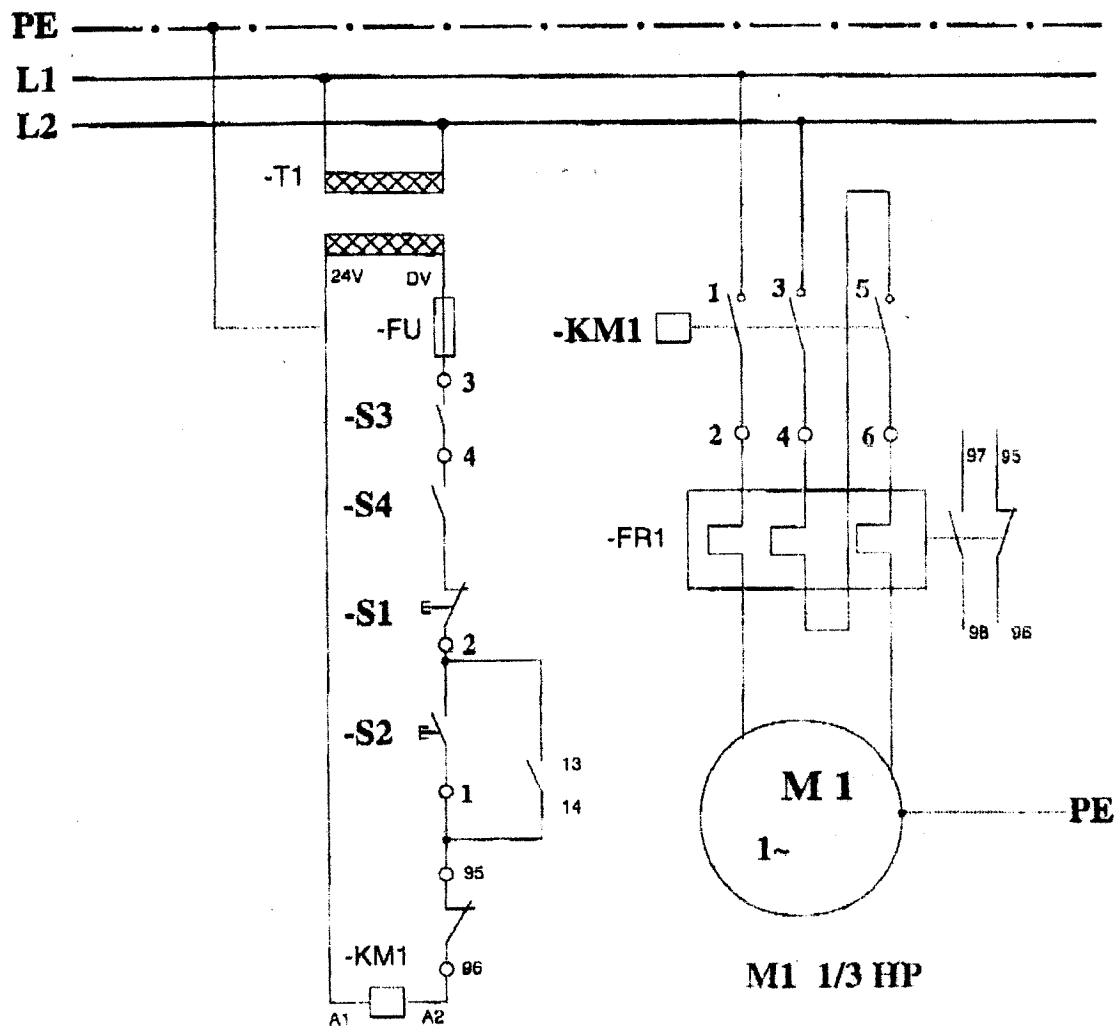
SM-100NH Planetary Mixer

Gear Box Parts Table

ITEM	QTY.	DESCRIPTION	ITEM	QTY.	DESCRIPTION
71.	1	RETAINER-TWIN BEARING	106.	1	NUT-STOP
72.	1	CAP-BEARING RETAINER	107.	1	SHAFT-DRIVEN
73.	1	OIL PLUG	108.	1	LEVEL KEY (6x6x45)
74.	1	ABOVE COVER	109.	1	LEVEL KEY (5x5x27)
75.	1	SAFETY GUARD SPRING LOCK	110.	1	SLEEVE-CLUTCH
76.	1	SLIDE SHEATH	111.	1	NUT-STOP
77.	1	MAT	112.	1	ROD-SHIFTER GUIDE
78.	1	PLANETARY INTERNAL GEAR (63T)	113.	2	RETAINER-SPRING(SHIFTER YOKE)
79.	1	FIXED SLICE	114.	2	SPRING-SHIFTER YOKE
80.	1	PIN	115.	2	PLUNGER-SHIFTER YOKE
81.	1	FRONT INTERLOCK GUARDING	116.	1	YOKE-SHIFTER
82.	6	SCREWS	117.	1	BALL BEARING - #6201
83.	6	SCREWS	118.	1	WORM WHEEL (24T)
84.	1	MICRO SWITCH COVER	119.	1	BALL BEARING - #6201
85.	1	MICRO SWITCH	120.	1	C-RING (STW-19)
86.	2	SCREWS	121.	1	GEAR (24T)
87.	2	DOWEL SCREW	122.	1	SPACER-BUSK
88.	4	NUT-STOP	123.	1	LEVEL KEY (5x5x15)
89.	1	SAFETY GUARD SPRING LOCK FIXTURE	124.	1	SHAFT-MASTER (15T)
90.	1	LEAD-IN OIL PAD	125.	1	NUT-STOP
91.	1	TO GUARD AGAINST BUSK	126.	1	GEAR (32T)
92.	8	ROLL PILLAR	127.	1	LEVEL KEY (5x5x10)
93.	8	SPRING SLICE	128.	1	LEVEL KEY (5x5x10)
94.	1	GEAR-SLOW SPEED (46T)	129.	1	SHAFT-TRANSMISSION (15T)
95.	1	GEAR-BEVEL (46T)	130.	1	NUT-STOP
96.	1	GEAR-CLUTCH (29T)	131.	4	SCREWS
97.	1	BUSK-CLUTCH	132.	1	NUT-STOP
98.	1	LEVEL KEY (6x6x27)	133.	3	SCREWS
99.	1	BUSK-CLUTCH	134.	1	24VOLT TRANSFORMER
100.	1	GEAR-CLUTCH (38T)	135.	1	OVERLOAD RELAY
101.	1	HEEL	136.	1	FUSE 1A (5x20)
102.	1	BALL BEARING - #6205z	137.	1	FUSE FIXTURE
103.	1	OIL RING (28x22x3)	138.	2	FRONT FEET RUBBER MATS
104.	1	GUARD-OIL BUSK	139.	2	BACK FEET RUBBER MATS
105.	1	SEAL-OIL (TC 35x52x10)			

SM-100NH Planetary Mixer

Electrical Diagram 230V Single Phase



Item Description
S1 EMERGENCY STOP BUTTON
S2 START BUTTON
S3 MICROSWITCH (interlock guard)
S4 MICROSWITCH (height adjuster)
KM1 CONTACTOR COIL
FR1 OVERLOAD RELAY
M1 MOTOR 1/3 HP SINGLE PHASE 230V
T1 TRANSFORMER AC24V
FU FUSE FIXTURE + FUSE 1A(5x20)

Maker	Part number	Qty	Rem.
Telemecanique	XB2-BS542	1	
Telemecanique	XB2-BP31	1	
Crouzet	F83161.3	1	
Omron	Z-15GQ22 B	1	
Allen-Brodley	100-A09NJ3	1	
Allen-Brodley	193-A4F1	1	
Shiuh jiann	1/3HP 230V	1	
Sung chuan	230V/24V 17VA	1	
Oncque	HTB-32	1	

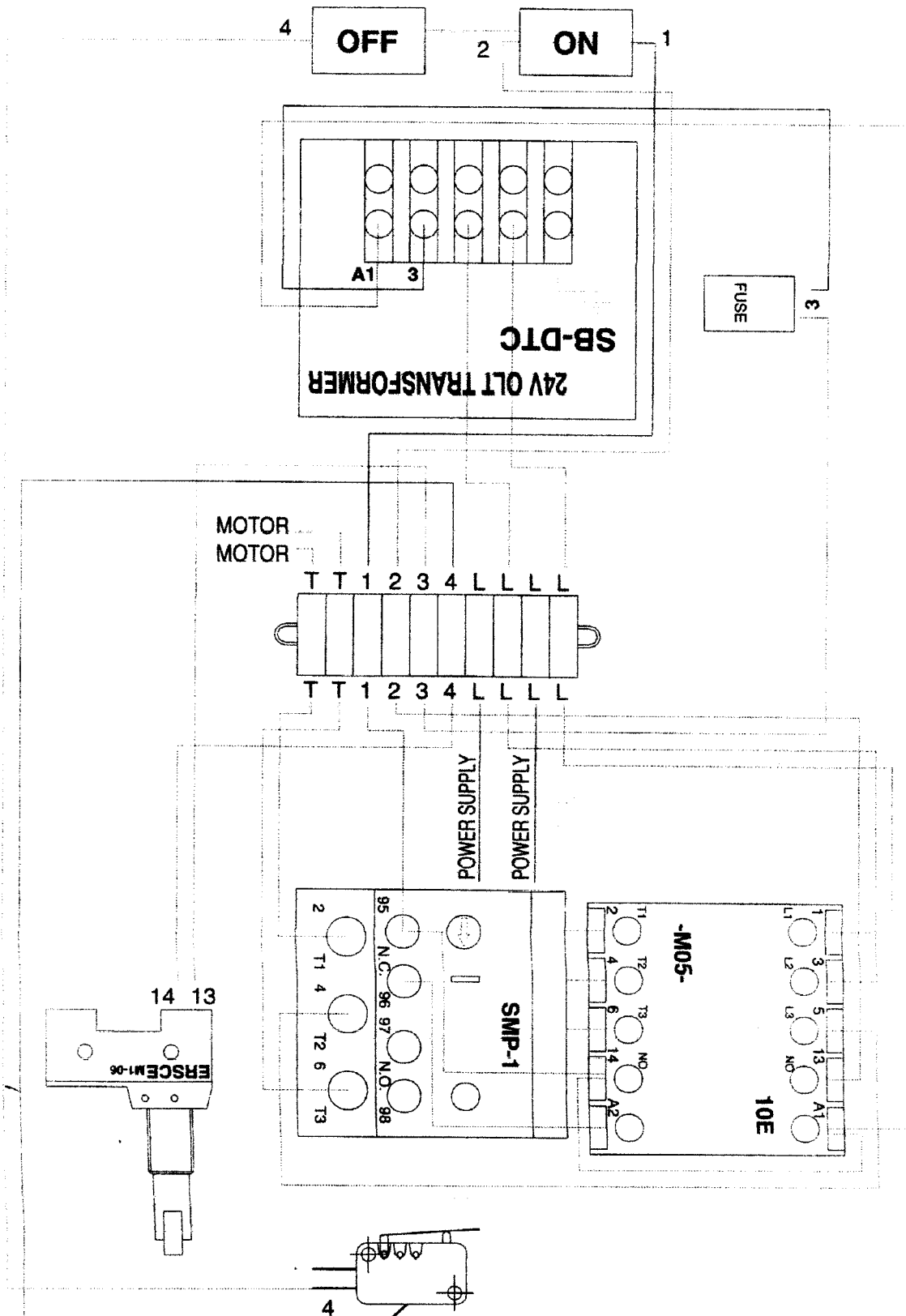
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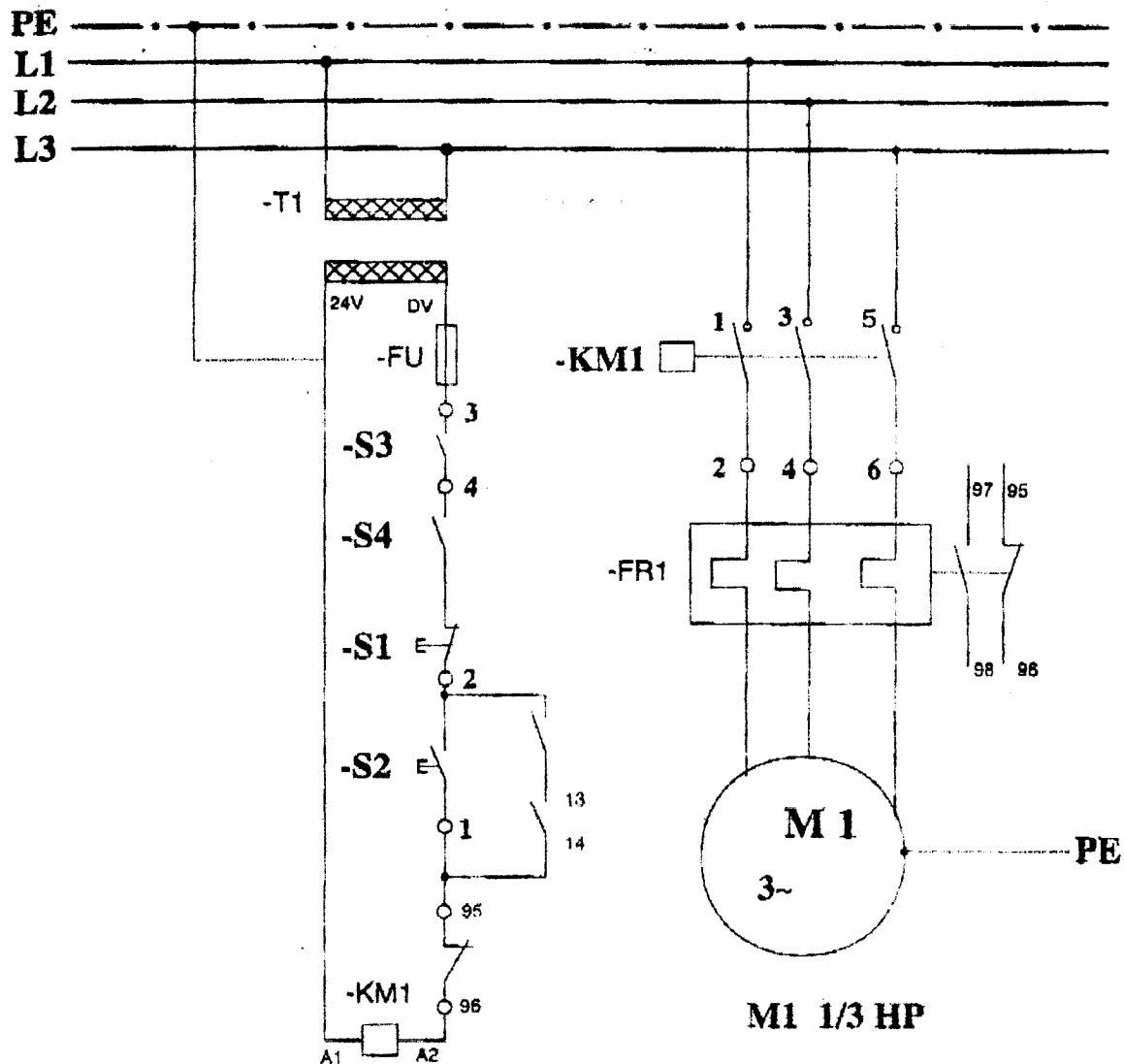
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SM-100NH Planetary Mixer

Electrical Diagram Three Phase 220/380V



Item Description	Maker	Part number	Qty	Rem.
S1 EMERGENCY STOP BUTTON	Telemecanique	XB2-BS542	1	
S2 START BUTTON	Telemecanique	XB2-BP31	1	
S3 MICROSWITCH (interlock guard)	Crouzet	F83161.3	1	
S4 MICROSWITCH (height adjuster)	Omron	Z-15GQ22-B	1	
KM1 CONTACTOR COIL	Allen-Brodley	100-A09NJ3	1	
FR1 OVELOAD RELAY	Allen-Brodley	193-A4F1	1	
M1 MOTOR 1/3 HP	Shiuh jiann	1/3HP 220/380V	1	
T1 TRANSFORMER AC24V	Sung chuan	230V/24V 17VA	1	
FU FUSE FIXTURE + FUSE 1A(5x20)	Oncque	HTB-32	1	

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MECH NO: SP-100

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