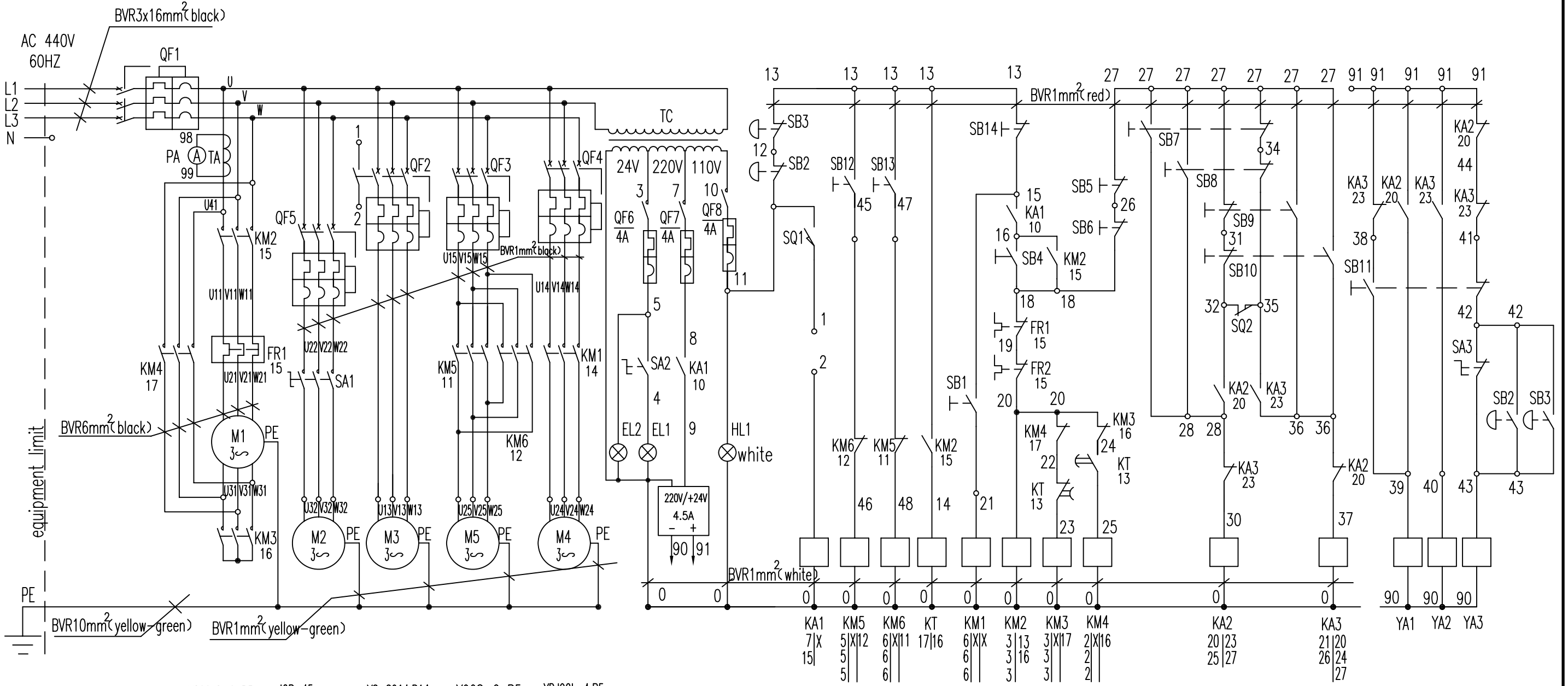
	main switch	main motor		motor of cooling pump	motor of oil pump	tailstock motor		rapid motor	transformer of control power supply		indicator of power supply	emergency stop	door switch	tailstock control		Y-Δ start delay of main motor	rapid motor	main motor		spindle						
		Δconnection	Yconnection			forward rotation	reverse rotation		lighting lamp	control power supply				left	right			start and stop	Yconnection Δconnection	stop	forward motion-remaining	reverse motion-remaining	point move	electromagnet for forward rotation	electromagnet for reverse rotation	brake electromagnet



Y200L2-6;B3	JCB-45	YS-8014;B14	Y90S-6;B5	YDJ90L-4;B5
22KW	0.15KW	0.55KW	0.75KW	1.5KW
60HZ | 1179r/min	60HZ | 3600r/min	60HZ | 1690r/min	60HZ | 1130r/min	60HZ | 1690r/min

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29

Note: 1 Headstock lamp EL2 is optional.

DRAWING 19.2 ELECTRIC THEORY