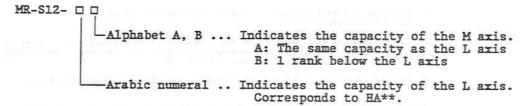
- 3. INSTALLATION ADJUSTMENT PORCEDURE
- 3.3 MAIN CIRCUIT DIAGRAM

3.3.3 CONNECTING MOTOR

MR-S12 is classified into the following 5 types depending on the capacity and motors have some limitations respectively for L and M axes.

Type of amplifier	L axis drive motor	M axis drive motor
MR-S12-13A- 🗆	HA053/13	HA053/13
MR-S12-33A- [HA23/33	HA23/33
MR-S12-40A- [HA40/43	HA40/43
MR-S12-80B- [HA80/83	HA40/43
MR-S12-80A- []	HA80/83	HA80/83
MR-S12-100B- [HA100	HA80/83
MR-S12-100A- [HA100	HA100

(1) The L axis motor always has a larger capacity than the M axis motor. For example, MR-S12-80B- □ means the amplifier for L axis corresponding to HA80 and "B" suffixed to 80 indicates the amplifier having M axis is 1 rank below L axis, i.e. corresponding to HA40. In the same manner, MR-S12-80A- □ having suffix "A" means that the amplifier corresponds to HA80, the same as the L axis.



- (2) When MR-S12-80B- □ is used, if HA40 motor is used on L axis and HA80 on M axis by mistake, there is the danger that HA40 on L axis is demagnetized.
- (3) Feedback connector of the L axis motor is LCN2 (semi-closed) and MCN2 (semi-closed) for the M axis motor.
- (4) Typical examples of wrong wiring are shown on the next page.