

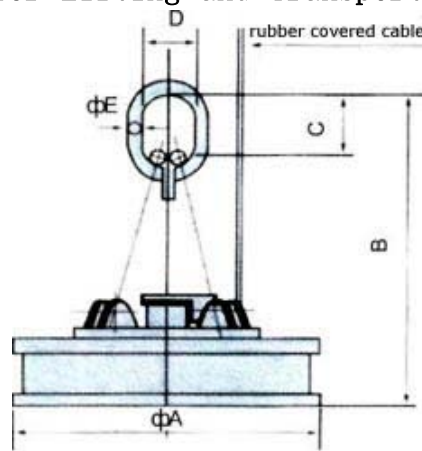


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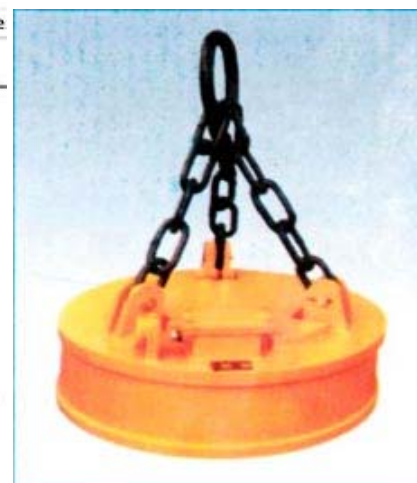
## Lifting Electromagnet Series MW5 for Lifting and Transporting Steel Scraps

### Applications:

Suitable for transferring cast ingots, steelballs and various kinds of steel scraps.



overall dimension sketch



### Technical data for normal temperature type

DC-220V,TD-60%

| Model         | (A)<br>Current | Power | (kg)<br>lifting capacity<br>(cold/hot<br>state) |                |                | (kg)<br>Mass | (mm)<br>Overall dimension |      |     |     |    | Commutation<br>Controlling<br>unit | Cable adapter      |
|---------------|----------------|-------|---|----------------|----------------|--------------|---------------------------|------|-----|-----|----|------------------------------------|--------------------|
|               |                |       | steel<br>ball                                   | steel<br>ingot | steel<br>scrap |              | A                         | B    | C   | D   | E  |                                    |                    |
| MW5-70L/<br>1 | 15             | 3.3   | 2500  | 380/200        | 120/100        | 490          | 700                       | 800  | 160 | 90  | 30 | STM1.-4E-C                         |                    |
| MW5-80L/<br>1 | 18             | 3.96  | 3000  | 480/250        | 150/130        | 620          | 800                       | 800  | 160 | 90  | 30 | STML-4E-C                          | JAT100-15-2 DL-102 |
| MW5-90L/<br>1 | 26.6           | 5.85  | 4500  | 600/400        | 250/200        | 800          | 900                       | 1090 | 200 | 125 | 40 | STQL-7E-C                          |                    |
| MW5-110L/1    | 35             | 7.7   | 6500  | 1000/800       | 450/400        | 1350         | 1100                      | 1140 | 220 | 150 | 45 | STQL-9E-C                          |                    |
| MW5-120L/1    | 45.5           | 10    | 7500  | 1300/1000      | 600/500        | 1700         | 1200                      | 1180 | 220 | 150 | 45 | STQL-14E-C                         |                    |
| MW5-130L/1    | 54             | 11.9  | 8500  | 1400/1100      | 700/600        | 2060         | 1300                      | 1240 | 250 | 175 | 50 | STQL-14E-C                         | JTA100-15-2 DL-102 |
| MW5-150L/1    | 71.2           | 15.6  | 11000   | 1900/1500      | 1100/900       | 2830         | 1500                      | 1250 | 350 | 210 | 60 | STQL-19E-C                         |                    |
| MW5-165L/1    | 75             | 16.5  | 12500   | 2300/1800      | 1300/1100      | 3200         | 1650                      | 1590 | 370 | 230 | 75 | STQL-19E-C                         |                    |
| MW5-180L/1    | 102.4          | 22.5  | 14500   | 2750/2100      | 1600/1350      | 4230         | 1800                      | 1490 | 370 | 230 | 75 | STQL-25E-C                         |                    |
| MWS-210L/1    | 129            | 28.4  | 21000   | 3500/2800      | 2200/1850      | 7000         | 2100                      | 1860 | 400 | 250 | 80 | STQL-32E-C                         | JTA200-15-2 DL-202 |
| MW5-240L/1    | 154            | 33.9  | 26000   | 4800/3800      | 2850/2250      | 9000         | 2400                      | 2020 | 450 | 280 | 90 | STQL-38E-C                         |                    |

Note: The technical data of lifting electromagnet used for diving is the same as that of the normal temperature type of electromagnet.

### Technical data for high frequency type

DC-220V,TD-75%

| Model             | (A)<br>Current | (kw)<br>Power | lifting cap   |                | 77 (kg) acity (cold/<br>hot state) |      | (kg)<br>Mass | (mm)<br>Overall dimension ) |     |     |    |             | Commutation<br>Controlling<br>unit | Cuble<br>Adapter |
|-------------------|----------------|---------------|---------------|----------------|------------------------------------|------|--------------|-----------------------------|-----|-----|----|-------------|------------------------------------|------------------|
|                   |                |               | steel<br>hall | steel<br>ingot | steel<br>scrap                     | A    |              | B                           | D   | D   | E  |             |                                    |                  |
| MW5-110L/<br>1-75 | 27.6           | 6.07          | 6500          | 1000/800       | 450/400                            | 1500 | 1100         | 1270                        | 220 | 150 | 45 | STQOL-14E-C |                                    |                  |
| MW5-120L/<br>1-75 | 33.6           | 7.4           | 7500          | 1300/1000      | 600/500                            | 1850 | 1200         | 1220                        | 220 | 150 | 45 | STQOL-14E-C |                                    |                  |
| MW5-130L/<br>1-75 | 40.7           | 8.95          | 8500          | 1400/1100      | 700/600                            | 2280 | 1300         | 1290                        | 250 | 175 | 50 | STQOL-19E-C | JTA100-15-2                        |                  |
| MW5-150L/<br>1-75 | 51.4           | 11.3          | 11000         | 1900/1500      | 1100/900                           | 3180 | 1500         | 1360                        | 350 | 210 | 60 | STQOL-25E-C | DL-102                             |                  |
| MW5-165L/<br>1-75 | 55.6           | 12.2          | 12500         | 2300/1800      | 1300/1100                          | 3840 | 1650         | 1670                        | 370 | 230 | 75 | STQOL-25E-C |                                    |                  |
| MW5-180L/<br>1-75 | 73.9           | 16.3          | 14500         | 2750/2100      | 1600/1350                          | 4690 | 1800         | 1600                        | 370 | 230 | 75 | STQOL-32E-C |                                    |                  |
| MW5-210L/<br>1-75 | 98.5           | 21.7          | 21000         | 3500/2800      | 2200/1850                          | 7500 | 2100         | 1900                        | 400 | 250 | 80 | STQOL-38E-C | JTA200-15-2                        |                  |
| MW5-240L/<br>1-75 | 117.6          | 25.9          | 26000         | 4800/3800      | 2850/2250                          | 9800 | 2400         | 2100                        | 450 | 280 | 90 | STQOL-45E-C | DL-202                             |                  |

## Technical data for high temperature type

DC-220V,TD-60%

| Model          | (A)<br>Current | Power | (kg)<br>lifting capacity (cold/<br>hot state) |                |                | (kg)<br>Mass | (mm)<br>Overa11 dimension |      |     |     |    | Commutation<br>Controlling<br>unit | Cable reel1<br>Cable adapter |
|----------------|----------------|-------|---|----------------|----------------|--------------|---------------------------|------|-----|-----|----|------------------------------------|------------------------------|
|                |                |       | steel<br>ball                                 | steel<br>ingot | steel<br>scrap |              | A                         | B    | C   | D   | E  |                                    |                              |
| MW5-<br>70L/2  | 12.77          | 2.8   | 2500  | 380/200        | 120/100        | 520.         | 700                       | 820  | 160 | 90  | 30 | STML-4E-C                          | JTA75-15-2 DL-<br>102        |
| MW5-<br>80L/2  | 16.1           | 3.54  | 3000  | 400/250        | 150/130        | 650          | 800                       | 820  | 160 | 90  | 30 | STML-4E-C                          |                              |
| MW5-<br>90L/2  | 20.5           | 4.51  | 4500  | 600/400        | 250/200        | 900          | 900                       | 1110 | 200 | 125 | 40 | STQL-7E-C                          |                              |
| MW5-<br>110L/2 | 27.5           | 6.05  | 6500  | 1000/<br>800   | 450/400        | 1500         | 1100                      | 1350 | 220 | 150 | 45 | STQL-7E-C                          |                              |
| MW5-<br>120L/2 | 33.6           | 7.4   | 7500  | 1300/<br>1000  | 600/520        | 1800         | 1200                      | 1280 | 220 | 150 | 45 | STQL-14E-C                         | JTA100-15-2 DL-<br>102       |
| MW5-<br>130L/2 | 40.6           | 8.93  | 8500  | 1400/<br>1100  | 700/600        | 2300         | 1300                      | 1280 | 250 | 175 | 50 | STQL-14E-C                         |                              |
| MW5-<br>150L/2 | 51.4           | 11.3  | 11000   | 1900/<br>1500  | 1100/<br>900   | 3200         | 1500                      | 1620 | 350 | 210 | 60 | STQL-14E-C                         |                              |
| MW5-<br>165L/2 | 60.6           | 13.3  | 12500   | 2300/<br>1800  | 1300/<br>1100  | 3500         | 1650                      | 1630 | 370 | 230 | 75 | STQL-19E-C                         |                              |
| MW5-<br>180L/2 | 95             | 20.9  | 14500   | 2750/<br>2100  | 1600/<br>1350  | 4500         | 1800                      | 1510 | 370 | 230 | 75 | STQL-25E-C                         | JTA200-15-2 DL-<br>202       |
| MW5-<br>210L/2 | 104            | 22.91 | 21000   | 3500/<br>2800  | 2200/<br>1850  | 7400         | 2100                      | 1910 | 400 | 250 | 80 | STQL-25E-C                         |                              |
| MW5-<br>240L/2 | 118.6          | 26    | 26000   | 4800/<br>3800  | 2850/<br>2250  | 9800         | 2400                      | 2080 | 450 | 280 | 90 | STQL-32E-C                         |                              |

Note:For normal temperature and high frequency type of electromagnet.the adoption of high field excitation mode can further improve lifting capacity.For large electrto magnet. the adoption of over energizing can accelerate ascending speed of the current.and play a stronger role in lifting capacity.