

**Technical data for normal temperature type DC-220V, TD-60%**

Model	(A) Current	Power	(kg) lifting capacity (cold/hot state)			(kg) Mass	(mm) Overall dimension					Commutation Controlling unit	Cable adapter
			steel ball	steel ingot	steel scrap		A	B	C	D	E		
			MW5-70L/1	15	3.3		2500	380/200	120/100	490	700		
MW5-80L/1	18	3.96	3000	480/250	150/130	620	800	800	160	90	30	STML-4E-C	
MW5-90L/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-7E-C	
MW5-120L/1	45.5	10	7500	1300/1000	600/500	1700	1200	1180	220	150	45	STQL-14E-C	JTA100-15-2  DL-102
MW5-130L/1	54	11.9	8500	1400/1100	700/600	2060	1300	1240	250	175	50	STQL-14E-C	
MW5-150L/1	71.2	15.6	11000	1900/1500	1100/900	2830	1500	1250	350	210	60	STQL-14E-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	JTA200-15-2  DL-202
MW5-210L/1	129	28.4	21000	3500/2800	2200/1850	7000	2100	1860	400	250	80	STQL-32E-C	
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 the type used in normal temperature

environment.

**Technical data for high frequency type DC-220V, TD-75%**

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

**Technical data for high temperature type DC-220V, TD-60%**

Model	(A) Current	Power	(kg) lifting capacity (cold/hot state)	(kg) Mass	(mm) Overall dimension	Commutation Controlling unit	Cable reel Cable adapter
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			steel ball	steel ingot	steel scrap		A	B	C	D	E		
MW5-70L/2	12.77	2.8	2500	380/200	120/100	520	700	820	160	90	30	STML-4E-C	JTA75-15-2 DL-102
MW5-80L/2	16.1	3.54	3000	400/250	150/130	650	800	820	160	90	30	STML-4E-C	
MW5-90L/2	20.5	4.51	4500	600/400	250/200	900	900	1110	200	125	40	STQL-7E-C	
MW5-110L/2	27.5	6.05	6500	1000/800	450/400	1500	1100	1350	220	150	45	STQL-7E-C	
MW5-120L/2	33.6	7.4	7500	1300/1000	600/500	1800	1200	1280	220	150	45	STQL-14E-C	JTA100-15-2 DL-102
MW5-130L/2	40.6	8.93	8500	1400/1100	700/600	2300	1300	1280	250	175	50	STQL-14E-C	
MW5-150L/2	51.4	11.3	11000	1900/1500	1100/900	3200	1500	1620	350	210	60	STQL-14E-C	
MW5-165L/2	60.6	13.3	12500	2300/1800	1300/1100	3500	1650	1630	370	230	75	STQL-19E-C	
MW5-180L/2	95	20.9	14500	2750/2100	1600/1350	4500	1800	1510	370	230	75	STQL-25E-C	JTA200-15-2 DL-202
MW5-210L/2	104	22.91	21000	3500/2800	2200/1850	7400	2100	1910	400	250	80	STQL-32E-C	
MW5-240L/2	118.6	26	26000	4800/3800	2850/2250	9800	2400	2080	450	280	90	STQL-38E-C	

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

For more detail info of our lifting electromagnet, please feel free to visit our website [www.magnetonmove.com](http://www.magnetonmove.com).