



RECTANGULAR LIFTING MAGNETS, Type AM

for lifting of plates, stacks, slabs, etc.



This classical type lifting magnet has been designed for lifting of slabs or plates, magnet will be manufactured in two different version, first with head plates made of unmagnetic manganese steel, resulting advantage especially for small size magnets is additional space for magnet coil and second made of ferromagnetic steel, here head poles will attract material as well, resulting in higher max. pull-off strength, respectively higher lifting capacity. This data sheet only shows small range of different sizes being manufactured by us, once having got description of your application, we will offer most suitable type of magnet

from technical and economical point of view, tailored to your specific requirements.

AdobA quality design with 75 % D.C., class "C" insulation, anodized aluminum strip coil and silicone casting compound is obligatory.

AM	nominal power kW	nominal voltage VDC	lifting capacity* kg	pull-off strength* daN	dead weight kg	magnetic field depth mm	dimensions			
							L1 mm	L2 mm	W mm	H mm
80/40/16	2,1	110	6.000	12.000	290	35	800	810	400	160
80/45/18	2,6	110	9.000	18.000	400	50	800	812	450	180
80/58/24	3,1	110	14.000	28.000	730	80	800	816	580	240
100/36/18	2,6	110	8.000	16.000	370	35	1.000	1.012	360	180
100/45/20	3,2	110	11.000	22.000	530	50	1.000	1.016	450	200
100/55/27	3,6	110	18.000	36.000	960	80	1.000	1.020	550	270
120/36/18	3,1	110	9.000	18.000	440	35	1.200	1.212	360	180
120/48/20	3,6	110	13.500	27.000	660	50	1.200	1.216	480	200
120/56/27	4,1	110	22.000	44.000	1.200	80	1.200	1.220	560	270
140/39/18	3,5	110	11.000	22.000	540	35	1.400	1.416	390	180
140/47/20	4,1	110	16.000	32.000	760	50	1.400	1.420	470	200
140/62/23	5,1	220	25.000	50.000	1.280	80	1.400	1.424	620	230
160/38/18	4,1	110	12.500	25.000	600	35	1.600	1.620	380	180
160/46/20	5,2	220	18.000	36.000	850	50	1.600	1.624	460	200
160/58/24	5,9	220	29.000	58.000	1.450	80	1.600	1.630	580	240
180/40/20	5,3	220	14.000	28.000	750	35	1.800	1.820	400	200
180/46/22	5,7	220	20.000	40.000	1.030	50	1.800	1.824	460	220
180/60/24	6,8	220	33.000	66.000	1.650	80	1.800	1.830	600	240
200/42/20	6,1	220	16.000	32.000	870	35	2.000	2.020	420	200
200/47/22	6,8	220	23.000	46.000	1.250	50	2.000	2.024	470	220
200/60/26	7,7	220	36.000	72.000	1.950	80	2.000	2.030	600	260

* mentioned slab lifting capacity and pull-off strength is referring to optimum conditions in accordance to German standard DIN-VDE 0580 (width / 300); effective performance will vary with specific operating conditions