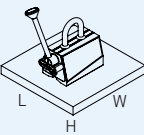


## LOAD BEARING CAPACITY TABLES

### WORK LOAD LIMITS (WLL) FOR FLAT AND ROUND MATERIAL Low carbon mild steel S 235JR

SURFACE								Air gap > 0.5 mm
	Clean and smooth surface air gap < 0.1 mm		Rusted and hot rolled surface air gap 0.2 - 0.3 mm		Uneven and rough surface air gap 0.4 - 0.5 mm		Consult the supplier	
	Max. dimensions L x W (mm)	WLL (kg)	Max.dimensions L x W (mm)	WLL (kg)	Max. dimensions L x W (mm)	WLL (kg)		
Thickness (H)	L >= 200 W >= 200	L >= 200 W >= 200	L >= 200 W >= 200	L >= 200 W >= 200	L >= 200 W >= 200	L >= 200 W >= 200		
<b>REVOLIFT 150</b>	>15	-	150	-	85	-	88	Consult the supplier
	15	1300 x 1000	150	1100 x 800	109	1000 x 700	82	
	10	1800 x 1000	139	1600 x 800	104	1400 x 700	79	
	8	2100 x 1000	130	1800 x 800	95	1700 x 700	74	
	6	2100 x 1000	98	2000 x 800	74	1800 x 700	61	
	4	1700 x 1000	52	1800 x 800	50	1800 x 700	47	
	2	1600 x 1000	26	1700 x 800	22	1800 x 700	19	
	Ø50 - Ø95	Lmax. 3500	75	Lmax. 3000	60	Lmax. 2500	53	
<b>REVOLIFT 300</b>	Thickness (H)		L >= 300 W >= 300		L >= 300 W >= 300		L >= 300 W >= 300	Consult the supplier
	>20	1900 x 1000	300	1500 x 1000	235	1400 x 800	168	
	15	2500 x 1000	295	1900 x 1000	225	1800 x 800	165	
	10	2800 x 1000	225	2400 x 1000	183	2300 x 800	148	
	8	3000 x 1000	200	2400 x 1000	154	2600 x 800	133	
	6	2600 x 1000	125	2400 x 1000	108	2600 x 800	94	
	4	2000 x 1000	63	1800 x 1000	58	2200 x 800	56	
	Ø62 - Ø197	Lmax. 4000	150	Lmax. 3500	136	Lmax. 3000	113	
<b>REVOLIFT 600</b>	Thickness (H)		L >= 400 W >= 400		L >= 400 W >= 400		L >= 400 W >= 400	Consult the supplier
	>30	-	600	-	500	-	386	
	30	1700 x 1500	600	1500 x 1250	440	1400 x 1000	338	
	20	2300 x 1500	550	2200 x 1250	425	2100 x 1000	324	
	15	2500 x 1500	454	2500 x 1250	376	2500 x 1000	290	
	10	2400 x 1500	285	2400 x 1250	240	2600 x 1000	205	
	8	2400 x 1500	255	2600 x 1250	205	2800 x 1000	180	
	6	2200 x 1500	155	2600 x 1250	120	2000 x 1000	100	
Ø95 - Ø230	Lmax. 4000	300	Lmax. 3500	230	Lmax. 3000	200		
<b>REVOLIFT 1000</b>	Thickness (H)		L >= 500 W >= 500		L >= 500 W >= 500		L >= 500 W >= 500	Consult the supplier
	>60	-	1000	-	919	-	771	
	30	2700 x 1500	942	3000 x 1250	884	2300 x 1250	681	
	25	2800 x 1500	830	3000 x 1250	785	2600 x 1250	652	
	20	3400 x 1500	800	3400 x 1250	719	3200 x 1250	627	
	15	2500 x 1500	450	2500 x 1250	377	2400 x 1250	360	
	10	2900 x 1500	344	2900 x 1250	308	2900 x 1250	301	
	Ø90 - Ø299	Lmax. 4500	500	Lmax. 4000	460	Lmax. 4000	400	
<b>REVOLIFT 2000</b>	Thickness (H)		L >= 800 W >= 800		L >= 800 W >= 800		L >= 800 W >= 800	Consult the supplier
	>80	-	2000	-	1875	-	1602	
	50	3400 x 1500	1984	2800 x 1500	1665	2500 x 1500	1431	
	30	3800 x 1500	1580	3800 x 1500	1354	3300 x 1500	1163	
	20	3600 x 2000	1135	4000 x 1500	993	3600 x 1500	865	
	15	3500 x 2000	825	4000 x 1500	740	3600 x 1500	650	
	Ø160 - Ø300	Lmax. 5000	1000	Lmax. 4500	900	Lmax. 4000	800	

L = Length (mm); W = Width (mm)

**NOTE:** Beware of reduced load bearing capacity for smaller sizes!  
 For long plates, always place the poles of the magnet perpendicular to the length of the plate, as shown in Figure 3.4.  
**Round material:** These limits apply to solid round materials.  
**Do not exceed the specified lengths or weights!**