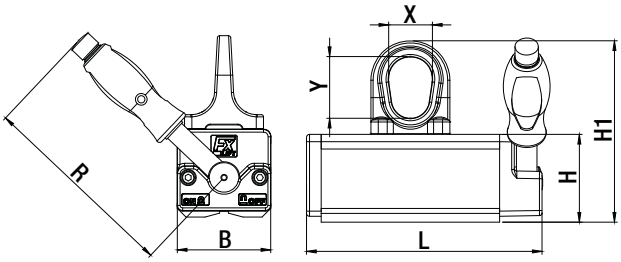
FX Universal Permanent Lifting Magnet

FX lifting magnets in standard version convince with their wide range of applications. The FX achieved good results at both, a large air gap as well as thin flat and round materials.It has a compact design and low Own weight. The device is characterized by great robustness and a very good price/performance ratio.



Model	Item-Nr.	Max. Load capacity (kg) flat	round	Max. Load capacity from (mm)	Dimensions (mm) L	B	H	H1	R	X/Y	Weight (kg)
FX-150	1101 0150	150 kg	Ø50-200 mm 75 kg	8	161	64	60	124	136	30/42	3,6
FX-300	1101 0300	300 kg	Ø50-300 mm 150 kg	15	205	87	78	158	190	42/53	8,4
FX-600	1101 0600	600 kg	Ø80-400 mm 300 kg	20	288	112	94	189	228	51/62	19
FX-1000	1101 1000	1000 kg	Ø100-450 mm 500 kg	25	361	152	120	240	261	60/76	42
FX-2000	1101 2000	2000 kg	Ø120-600 mm 1000 kg	50	472	228	169	313	409	68/89	115
FX-3000	1101 3000	3000 kg	Ø250-600 mm 1500 kg	50	648	228	169	313	534	68/89	166

Safety factor 3,5/Test method EN 13155
max. Operation temperature 80°C • Load charts and Safety from Page 59

FX Force / Load / Air Gap

FX 150	Air gap < 0,1mm			Air gap 0,1 - 0,3 mm			Air gap 0,3 - 0,5 mm		
Material thickness (mm)	Max. Load (kg)	Max. L (mm)	Max. W (mm)	Max. Load (kg)	Max. L (mm)	Max. W (mm)	Max. Load (kg)	Max. L (mm)	Max. W (mm)
>= 2	20	800	800	12	800	800	10	800	800
>= 4	60	1500	1000	40	1500	1000	30	1200	1000
>= 6	80	1500	1000	60	1500	1000	50	1200	1000
>= 8	150	1500	1000	120	1500	1000	80	1200	1000
Ø50-200	75	1500	1000	50	2000	-	40	1500	-

FX 300	Air gap < 0,2mm			Air gap 0,2 - 0,3 mm			Air gap 0,3 - 0,6 mm		
Material thickness (mm)	Max. Load (kg)	Max. L (mm)	Max. W (mm)	Max. Load (kg)	Max. L (mm)	Max. W (mm)	Max. Load (kg)	Max. L (mm)	Max. W (mm)
>= 4	60	1600	1000	50	1500	1000	40	1250	1000
>= 8	200	2000	1250	160	2000	1250	120	1500	1000
>= 10	230	2250	1250	190	2000	1250	150	1500	1000
>= 15	300	2500	1250	250	2000	1250	200	1500	1000
Ø50-300	150	3000	-	125	2500	-	100	2000	-

FX 600	Air gap < 0,2mm			Air gap 0,2 - 0,3 mm			Air gap 0,3 - 0,6 mm		
Material thickness (mm)	Max. Load (kg)	Max. L (mm)	Max. W (mm)	Max. Load (kg)	Max. L (mm)	Max. W (mm)	Max. Load (kg)	Max. L (mm)	Max. W (mm)
>= 6	150	1800	1500	120	1800	1250	100	1500	1250
>= 10	300	2250	1500	250	2250	1250	210	2000	1250
>= 15	500	2500	1500	440	2500	1250	350	2000	1250
>= 20	600	3000	1500	520	3000	1250	440	2500	1250
Ø80-400	300	4000	-	250	3500	-	200	3000	-

FX 1000	Air gap < 0,3mm			Air gap 0,3 - 0,5 mm			Air gap 0,5 - 0,6 mm		
Material thickness (mm)	Max. Load (kg)	Max. L (mm)	Max. W (mm)	Max. Load (kg)	Max. L (mm)	Max. W (mm)	Max. Load (kg)	Max. L (mm)	Max. W (mm)
>= 10	350	2250	1500	300	2250	1500	260	2250	1250
>= 15	600	2500	1500	500	2500	1500	450	2500	1250
>= 20	900	3000	1500	750	3000	1500	675	3000	1250
>= 25	1000	3500	1500	850	3000	1500	750	3000	1250
Ø100-450	500	4500	-	400	4000	-	330	3000	-

FX 2000	Air gap < 0,3mm			Air gap 0,3 - 0,6 mm			Air gap 0,6 - 0,8 mm		
Material thickness (mm)	Max. Load (kg)	Max. L (mm)	Max. W (mm)	Max. Load (kg)	Max. L (mm)	Max. W (mm)	Max. Load (kg)	Max. L (mm)	Max. W (mm)
>= 15	500	2500	2000	400	3000	2000	330	2500	1500
>= 25	1200	3000	2000	950	3000	2000	800	3000	1500
>= 40	1600	2500	2000	1300	3000	2000	1100	3000	1500
>= 50	2000	4000	2000	1600	3000	2000	1300	3000	1500
Ø120-600	1000	4500	-	800	4000	-	650	3500	-

FX 3000	Air gap < 0,3mm			Air gap 0,3 - 0,6 mm			Air gap 0,6 - 0,8 mm		
Material thickness (mm)	Max. Load (kg)	Max. L (mm)	Max. W (mm)	Max. Load (kg)	Max. L (mm)	Max. W (mm)	Max. Load (kg)	Max. L (mm)	Max. W (mm)
>= 15	750	2500	2500	600	3000	2500	500	2500	2000
>= 25	1800	3000	2500	1400	3000	2500	1200	3000	2000
>= 40	2400	3500	2500	2000	3000	2500	1600	3000	2000
>= 50	3000	4000	2500	2400	3000	2500	2000	3000	2000
Ø120-600	1500	5000	-	1200	5000	-	1000	4000	-