



**Expected to be available from 2022**

### Magnet dimensions

Type	a ca.	b ca.	Øc
111	102	121	114
112	102	121	114
113	102	121	114
133	112	135	137

All dimensions in mm  
Alterations reserved without notice

\*) Average static coefficient of friction  
for standard material combination

The coefficient of friction is subject to fluctuations depending  
on operational-, material- and ambient-conditions!  
This must be considered during the selection!

For crane brake layout use safety factors documented in the FEM 1.001, Section 1

Weight with magnet: max. 24 kg		Magnet type		111	112	113	133
		Contact force in N		1100	2150	3150	4200
Disc-Ø d <sub>2</sub>	Friction-Ø d <sub>1</sub>	Max. hub-Ø d <sub>4</sub>	Lining b <sub>2</sub>	Brake torque M <sub>Br</sub> in Nm Friction factor μ = 0,4*			
200	146	80	40	60	130		
225	171	105	40	70	150		
250	196	130	50	85	170	250	
280	226	160	50	100	195	285	375
315	261	195	50	115	225	330	440
355	301	235	50			375	500
400	346	280	50			435	580
450	396	330	50				665
500	446	380	50				750