

AksIM-2 dimensions - encoder selection table

Dimensions in mm.

Part number	Ring					Readhead				Max resolution	System thickness	Mass (g)
	Inner diameter	Circle for fasteners	Outer diameter	Thickness	Inertia (kg × mm ²)	Inner diameter	Circle for fasteners	Outer diameter	Arc length			
MRA029 rings and MB029 readhead												
MRA029BC010DSE00	10	15	29	2.0	0.75						7.8	5.9
MRA029GP013DMN00	12.7	none	29	7.0	1.0						12.8	9.0
MB029-F						14	35.4	38	360°	18 bit		4.5
MRA039 ring and MB039 readhead												
MRA039BC020DSE00	20	25	39	2.0	2.3						9.2	9.2
MB039-E						23	49	54	196°	19 bit		4.8
MRA049 rings and MB049 readheads												
MRA049BC025DSE00	25	31	49	2.0	5.5						7.8	15
MRA049AF025EMH00	25	31	49	3.9	13						9.7	32
MRA049BG034DSN00	34	none	49	2.0	4.8						7.8	11
MB049-D						34	54	59	190°	19 bit		4.5
MB049-E						26	54	59	138°	19 bit		4.2
MRA053 ring and MB053 readhead												
MRA053BC030DSE00	30	36	53	2.0	7.4						9.2	16
MB053-E						36	66	74	130°	20 bit		5.3
MRA064 ring and MB064 readheads												
MRA064BC040DSE00	40	46	64	2.0	15						9.2	20
MB064-D						48	69	74	140°	20 bit		6.9
MB064-E						46	80	89	130°	20 bit		6.8
MRA080 rings and MB080 readhead												
MRA080BC055DSE00	55	61.5	80	2.0	32						7.8	26
MRA080AF055EMH00	55	61.5	80	3.9	74						9.7	64
MRA080DF068DMH00	68	88	95	4.9	114						10.7	72
MB080-D						64.4	85	90	97°	20 bit		4.0