

E-Type

{HIGH PERFORMANCE RACING SERIES}

MBYTE, MBYTE-V

Product Data Sheet – MINEBEA – NMB

Metric Spherical Bearing
 High misalignment Series Self Lubricating

Outer race
 Corrosion resistant steel
 AMS 5643. H1150

Ball
 Corrosion resistant steel
 AMS 5630. Rc 55 to 62

Liner Rose 'D' Type Enhanced
 In accordance with SAE AS 81820

Part Number	B Bore Dia	D Race O/ dia	W Ball Width	H Race Width	O Shoulder Dia	C Race Chamfer	P Groove Depth	R Groove Root Radius	X Angle	Static Ultimate load Radial Load	Static Ultimate load Axial Load	Dynamic Radial Load	Approx. Weight
MBYTE, MBYTE-V	+ 0.018 - 0.000	+ 0.000 - 0.013	+ 0.000 - 0.13	+ 0.13 - 0.13	(Ref)	+ 0.200 - 0.200	+ 0.000 - 0.40	+ 0.000 - 0.250	Deg	(kN)	(kN)	(kN)	(g)
10	10.00	23.000	20.500	8.500	13.500	0.600	0.700	0.400	21	95.550	8.960	35.540	32
12	12.00	26.000	22.000	8.500	16.000	0.600	0.700	0.400	22	108.050	8.960	41.070	42
14	14.00	29.000	23.500	10.000	19.000	0.600	0.700	0.400	19	147.000	12.500	55.350	60

Dimensions in metric

No Load Rotational Breakout Torque	
Bore Size	Nm
10-14	0.030-0.90

