

E-Type

{HIGH PERFORMANCE RACING SERIES}

MBYTE, MBYTE-V

Product Data Sheet – MINEBEA – NMB

Metric Spherical Bearing
High misalignment Series Self Lubricating

Ball
Corrosion resistant steel
AMS 5630. Rc 55 to 62

Outer race
Corrosion resistant steel
AMS 5643. H1150

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

Part Number	B	D	W	H	O	C	N	P	R	X	Static Ultimate load Radial Load	Static Ultimate load Axial Load	Dynamic Radial Load	Approx. Weight
	Bore Dia	Race O/dia	Ball Width	Race Width	Shoulder Dia	Race Chamfer	Groove PCD	Groove Depth	Groove Root Radius	Angle				
MBYTE, MBYTE-V	+ 0.018	+ 0.000	+ 0.000	+ 0.13	(Ref)	+ 0.200	+ .000	+ 0.000	+ 0.000	Deg	(kN)	(kN)	(kN)	(g)
	- 0.000	- 0.013	- 0.13	- 0.13		- 0.200	- .008	- 0.40	- 0.250					
10	10.00	23.000	20.500	8.500	13.500	0.600	21.375	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	24.375	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	26.975	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

