

E-Type

{HIGH PERFORMANCE RACING SERIES}

MBWTE, MBWTE-V

Product Data Sheet – MINEBEA – NMB

Metric Spherical Bearing
Wide 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	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				
MBWTE, MBWTE-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	- 0.200		- .008	- 0.40	- 0.250						
12	12.00	26.000	16.000	13.000	15.400	0.600	23.575	1.000	0.500	10	175,040	32,360	67,100	46
14	14.00	28.000	17.000	14.000	16.700	0.600	25.575	1.000	0.500	8	214,760	38,240	77,440	55

Dimensions in metric

No Load Rotational Breakout Torque	
Bore Size	Nm
12-14	0.030-0.90

