

# E-Type

## {HIGH PERFORMANCE RACING SERIES}

ABWTE ABWTE-V

### Product Data Sheet – MINEBEA – NMB

Imperial Spherical Bearing  
Wide 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	Max Static Radial Load	Max Dyn Radial Load	Weight
	Bore Dia	Race O/dia	Ball Width	Race Width	Shoulder Dia	Race Chamfer	Groove PCD	Groove Depth	Groove Root Radius	Angle			
ABWTE ABWTE-V	+0.0000 -0.0005	+0.0000 -0.0005	+000 -0.002	+0.005 -0.005	Min	+0.005 -0.005	+0.000 -0.008	+0.000 -0.010		Deg	lbf	lbf	lbs
3	.1900	.6250	.437	.327		.300	.015	.563	.025	.005/.012	15	10,456	4,900
4	.2500	.6250	.437	.327	.300	.015	.563	.025	.005/.012	15	11,700	4,900	.031
5 -1	.3125	.6875	.437	.317	.401	.015	.625	.035	.010/.012	14	12,480	6,050	.035
6	.3750	.8125	.500	.406	.471	.025	.712	.035	.010/.017	8	18,720	8,310	.060
7	.4375	.9375	.562	.442	.542	.025	.837	.035	.010/.017	10	23,400	11,750	.080
8	.5000	1.0000	.625	.505	.612	.025	.900	.055	.010/.017	9	29,640	14,950	.100
9	.5625	1.1250	.687	.536	.726	.025	1.025	.055	.010/.017	10	36,660	18,100	.135
10	.6250	1.1875	.750	.567	.752	.025	1.087	.055	.010/.017	12	41,340	20,250	.160
12	.7500	1.3750	.875	.630	.892	.035	1.251	.055	.010/.017	13	53,820	26,200	.240
14	.8750	1.6250	.875	.755	1.060	.035	1.501	.055	.010/.017	6	72,612	33,600	.350

Dimensions in inches

No Load Rotational Breakout Torque	
Bore Size	lbf.in
4 - 6	3.0 - 8.0 lb.in
7 - 12	4.0 - 10.0 lb.in
14	5.0 - 12.0 lb.in

