

ABTE ABTE-V

Imperial Spherical Bearing – Narrow Series
Self Lubricating

E Type High Performance Racing Series

Outer race

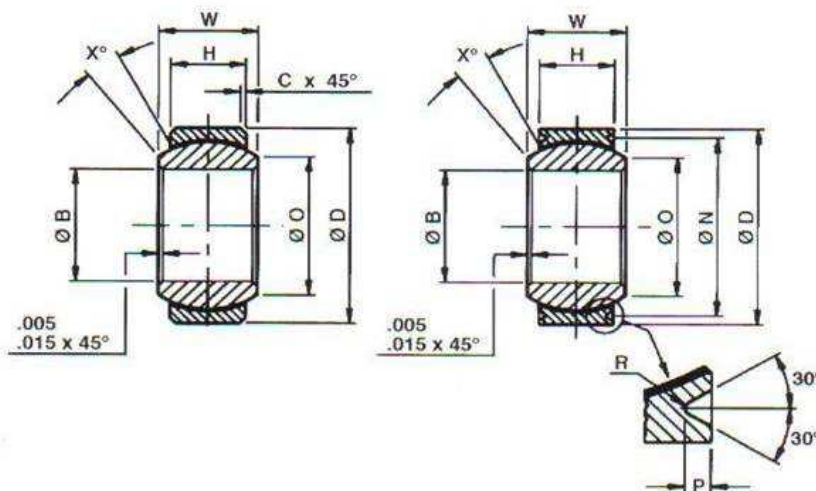
Corrosion resistant steel
AMS 5643. H1150

Ball

Corrosion resistant steel
AMS 5630. Rc 55 to 62

Liner

Rose 'D' type enriched
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	Ball Face Dia	Race Chamfer	Groove PCD	Groove Depth	Groove Root Radius	Angle			
ABTE	+0.000	+0.000	+0.00	+0.005	Min	+0.005	+0.000	+0.000		Deg	lbf	lbf	lbs
ABTE-V	-0.0005	-0.0005	-0.002	-0.005		-0.005	-0.008	-0.010					
4	.2500	.6562	.343	.250	.364	.015	.594	.025	.005/.010	10	8,344	3,320	.020
5	.3125	.7500	.375	.281	.460	.015	.660	.035	.010/.017	10	10,691	5,460	.030
6	.3750	.8125	.406	.312	.475	.025	.712	.035	.010/.017	9	13,596	6,600	.040
7	.4375	.9062	.437	.343	.530	.025	.806	.035	.010/.017	8	16,555	8,050	.050
8	.5000	1.0000	.500	.390	.600	.025	.876	.055	.010/.017	8	21,045	10,400	.070
9	.5625	1.0937	.562	.437	.670	.025	.970	.055	.010/.017	8	26,674	13,000	.090
10	.6250	1.1875	.625	.500	.780	.025	1.063	.055	.010/.017	8	32,922	16,450	.120
12	.7500	1.4375	.750	.593	1.000	.035	1.313	.055	.010/.017	8	48,772	23,600	.210
14	.8750	1.5625	.875	.703	1.060	.035	1.438	.055	.010/.017	8	64,362	30,250	.270

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

