



SECTION 2

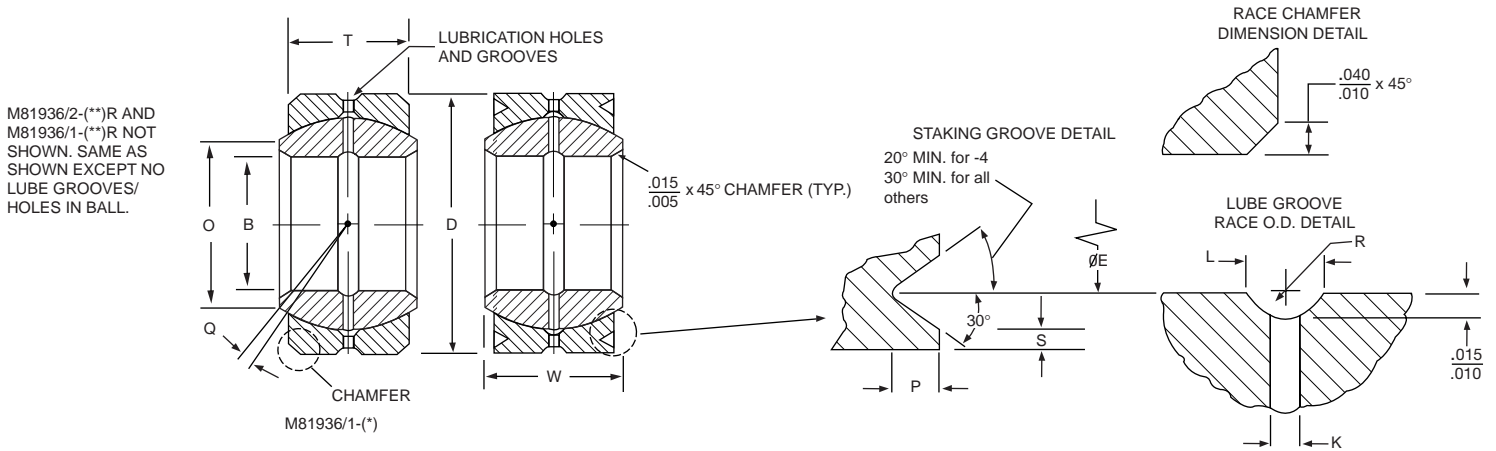
SPHERICAL BEARINGS – Metal-to-Metal

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SPHERICAL BEARINGS – Metal-to-Metal

AS81936 Beryllium Copper Ball



Part Number V-Grooved*	Part Number V-Grooved*	(B) Bore Diameter	(D) Outside Diameter	(W) Ball Width	(T) Race Width	(O) Shoulder Diameter	(Q) Ball Diameter	(K) Lube Hole Diameter	(L) Groove Width ID & OD of Race & ID of Ball	(R) Groove Radius ID & OD of Race & ID of Ball
		Inch +.0000 -.0005	Inch +.0000 -.0005	Inch +.000 -.002	Inch +.000 -.005	Inch Min.	Inch Ref.	Inch	Inch	Inch
M81936/1-(**)R	M81936/1-(**)									
AGB4V	AGB4VA	.2500	.6562	.343	.250	.357	.501	.032-.062	.042-.078	.030-.062
AGB5V	AGB5VA	.3125	.7500	.375	.281	.413	.563	.042-.062	.042-.078	.030-.062
AGB6V	AGB6VA	.3750	.8125	.406	.312	.509	.657	.042-.062	.042-.078	.030-.062
AGB7V	AGB7VA	.4375	.9062	.437	.343	.563	.719	.052-.062	.065-.094	.060-.094
AGB8V	AGB8VA	.5000	1.0000	.500	.390	.634	.814	.052-.062	.065-.094	.060-.094
AGB9V	AGB9VA	.5625	1.0937	.562	.437	.664	.876	.052-.062	.065-.094	.060-.094
AGB10V	AGB10VA	.6250	1.1875	.625	.500	.732	.969	.062-.078	.073-.109	.070-.125
AGB12V	AGB12VA	.7500	1.4375	.750	.593	.913	1.188	.062-.078	.073-.109	.070-.125
AGB13V	AGB13VA	.8125	1.5625	.812	.650	.984	1.282	.062-.078	.073-.109	.070-.125
AGB14V	AGB14VA	.8750	1.6562	.875	.703	1.054	1.376	.062-.078	.073-.109	.070-.125
AGB16V	AGB16VA	1.0000	1.8750	1.000	.797	1.193	1.563	.078-.093	.082-.109	.090-.125
AGB18V	AGB18VA	1.1250	2.1250	1.125	.900	1.334	1.751	.078-.093	.082-.109	.090-.125
AGB20V	AGB20VA	1.2500	2.3125	1.250	1.000	1.473	1.938	.078-.093	.082-.109	.090-.125
AGB22V	AGB22VA	1.3750	2.5625	1.375	1.100	1.654	2.157	.078-.093	.082-.109	.090-.125
AGB24V	AGB24VA	1.5000	2.8125	1.500	1.200	1.794	2.345	.078-.093	.082-.109	.090-.125

* For chamfered version, delete 'V' from part number.

** Add bore codes in multiples of 1/16.

Notes:

- Radial Clearance: Free turning to 0.001.
- Axial Clearance: Free turning to 0.005.
- Concentricity: Outside diameter (D) and pitch diameter (E) to bore diameter (B) within .005 FIM.
- Bearings prepacked with MIL-PRF-81322.
- Temperature: Operating temperature range -65° to 350°F.
- Groove dimensions on ID of race and grease holes through race are before bearing assembly, but swaging shall not restrict grease flow.

Materials

Ball	Race
BeCu, ASTM B196†	CRES 17-4PH, AMS 5643
Condition TH04††	Cond. H-1150
Rc37 min.	(Rc28-36)

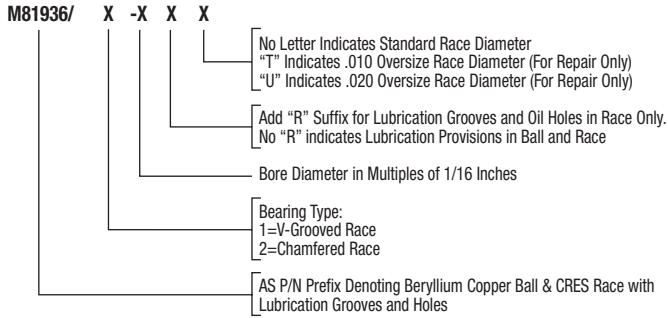
†Formerly QQ-C-530 ††Formerly HT

Lubrication

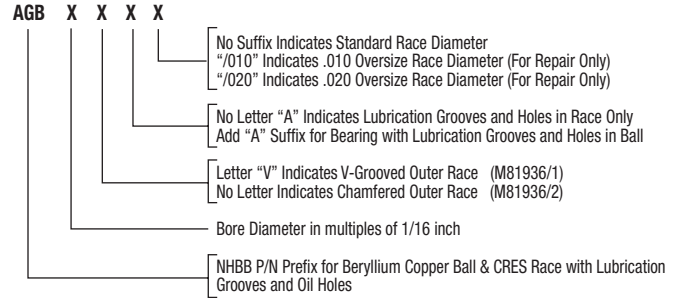
AGB & AGB-V	Lubrication grooves in race and 3 equally spaced holes through race only.
AGB-A & AGB-VA	Lubrication grooves in race and bore of ball and 3 equally spaced holes through race and ball.



Aerospace Standard P/N



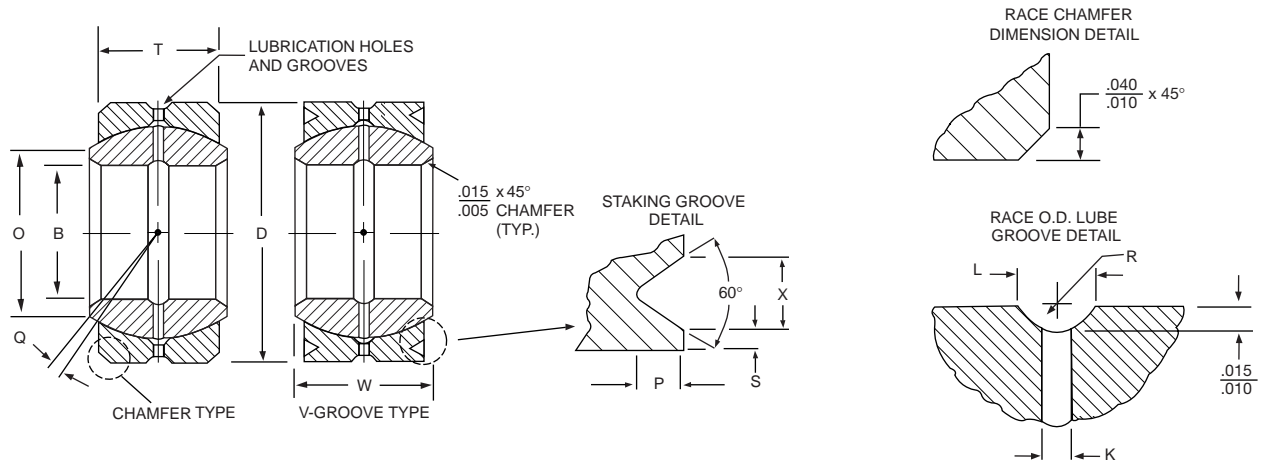
NHBB P/N



(E) Pitch Diameter	(S)	(P)	Limit Static Radial Load	Limit Static Axial Load	Weight
Staking Groove Data					
Inch	Inch	Inch	lbs.	lbs.	lbs.
+.000	+.000	+.000			Ref.
-.010	-.010	-.015			
.596	.020	.030	6330	1930	.02
.652	.030	.040	8460	2450	.03
.714	.030	.040	11400	3090	.04
.808	.030	.040	14800	3740	.05
.878	.030	.060	20400	4860	.07
.972	.030	.060	26700	6100	.09
1.065	.030	.060	33100	8080	.11
1.315	.030	.060	50000	11440	.21
1.440	.030	.060	59000	13800	.24
1.534	.030	.060	70300	16160	.27
1.753	.030	.060	77700	20850	.39
2.003	.030	.060	121500	26740	.72
2.190	.030	.060	152000	33065	.93
2.440	.030	.060	186000	40120	1.28
2.690	.030	.060	224000	47820	1.67

SPHERICAL BEARINGS – Metal-to-Metal

MIL-B-8976 (proposed as AS8976) – Narrow



Part Number V-Grooved* Steel Race	Part Number V-Grooved* Bronze Race	(B)	(D)	(W)	(T)	(O)	Ball Diameter		(K)	(L)	(Q)
		Bore Diameter	Outside Diameter	Ball Width	Race Width	Shoulder Diameter	Bronze Race	Steel Race	Lube Hole Diameter	Groove Width ID & OD of Race & ID of Ball	Misalignment
		Inch	Inch	Inch	Inch	Inch	Inch	Inch	Inch	Inch	Min.
		+ .0000	+ .0000	+ .000	+ .005	Min.	Max.	Max.	+ .010	+ .005	
		- .0005	- .0005	- .002	- .005				- .010	- .005	
MS21154S(**)	MS21154B(**)										
ABG3VA(L)	ABG3VA-501(L)	.1900	.5625	.281	.218	.293	.438	.407	.047	.062	10°
ABG4VA(L)	ABG4VA-501(L)	.2500	.6562	.343	.250	.364	.501	.501	.047	.062	10°
ABG5VA(L)	ABG5VA-501(L)	.3125	.7500	.375	.281	.419	.594	.563	.062	.078	10°
ABG6VA(L)	ABG6VA-501(L)	.3750	.8125	.406	.312	.475	.657	.657	.062	.078	9°
ABG7VA(L)	ABG7VA-501(L)	.4375	.9062	.437	.343	.530	.719	.719	.062	.078	8°
ABG8VA(L)	ABG8VA-501(L)	.5000	1.0000	.500	.390	.600	.814	.814	.062	.078	8°
ABG9VA(L)	ABG9VA-501(L)	.5625	1.0937	.562	.437	.670	.907	.907	.062	.078	8°
ABG10VA(L)	ABG10VA-501(L)	.6250	1.1875	.625	.500	.739	1.001	.907	.078	.093	8°
ABG12VA(L)	ABG12VA-501(L)	.7500	1.4375	.755	.593	.920	1.251	1.188	.078	.093	8°
ABG14VA(L)	ABG14VA-501(L)	.8750	1.5625	.875	.703	.980	1.376	1.313	.078	.093	8°
ABG16VA(L)	ABG16VA-501(L)	1.0000	1.7500	1.000	.797	1.118	1.563	1.501	.078	.093	9°

* For chamfered version MS21155, delete 'V' from part number.

** Add bore codes in multiples of 1/16.

Notes:

- Radial Clearance: 0.0005 to 0.0020.
- Axial Clearance: 0.010 Maximum.
- Dimensions: All dimensions apply after plating.
- Concentricity: Outside diameter (D) to bore diameter (B) within .005 FIM.
- Temperature: Operating temperature range -65° to 250°F.
- Lubrication: MIL-PRF-21164.
- Groove dimensions on ID of race and grease holes through race are before bearing assembly, but swaging shall not restrict grease flow.

Materials

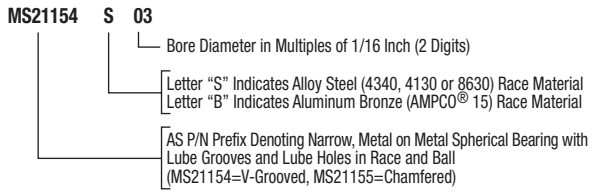
Part No.	Ball	Race
ABG-A	ABG-VA	52100 Alloy Steel Rc56 Min. Chrome Plated†
ABG-A-501	ABG-VA-501	Aluminum Bronze (AMPCO® 15), Cadmium Plated

† Plating: When specified in materials block, ball spherical diameter and ends are hard chrome plated per AMS-QQ-C-320, CL. 2 (.0002 to .0005 inch thickness). All external surfaces of race are cadmium plated per AMS-QQ-P-416.

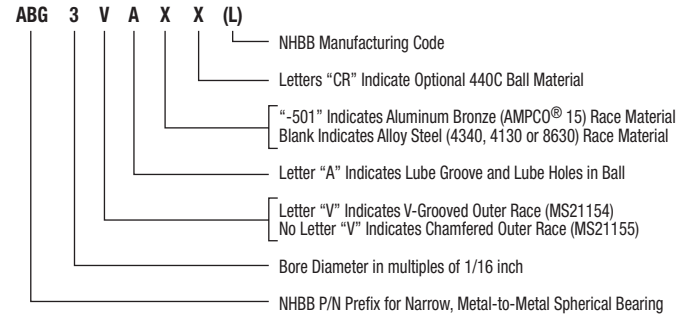
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Aerospace Standard P/N



NHBB P/N

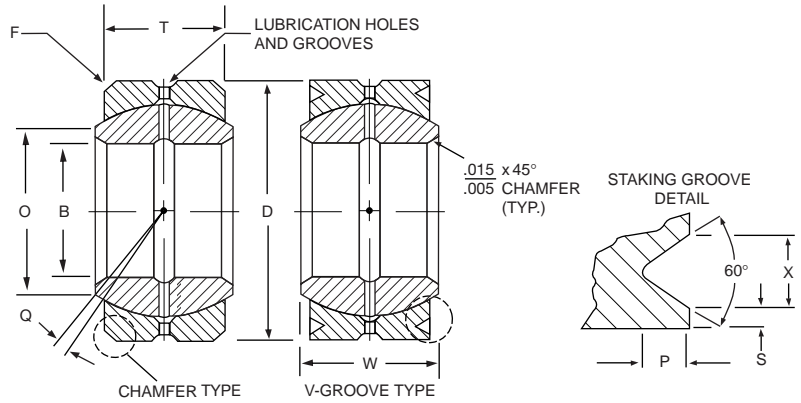
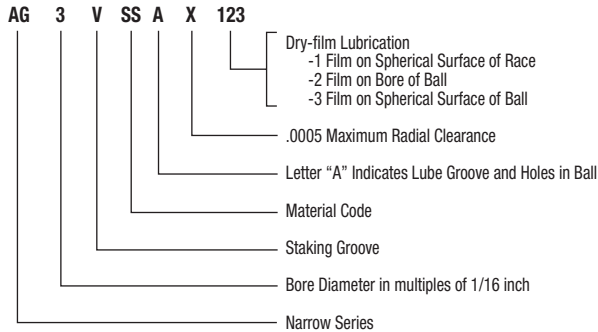


	(R) Groove Radius ID & OD of Race & ID of Ball	(S)	(P)	(X)	Limit Static Load				Weight
					Bronze Race		Steel Race		
					Radial	Axial	Radial	Axial	
	Inch Ref.	Inch +.000 -.010	Inch +.000 -.015	Inch +.000 -.010	lbs.	lbs.	lbs.	lbs.	lbs. Ref.
	.045	.020	.030	.045	2800	850	4600	2100	.02
	.045	.020	.030	.045	4300	1100	7080	2800	.02
	.065	.030	.040	.055	5200	1400	8500	3550	.03
	.065	.030	.040	.055	6750	1760	11050	4400	.04
	.065	.030	.040	.055	8500	2150	13900	5400	.05
	.065	.030	.060	.080	11500	2800	18850	7050	.07
	.065	.030	.060	.080	15600	3550	25500	8900	.09
	.088	.030	.060	.080	19500	4650	31950	11700	.11
	.088	.030	.060	.080	28500	6575	46750	16500	.21
	.088	.030	.060	.080	38300	9300	62750	23300	.27
	.088	.030	.060	.080	51000	12000	83350	30000	.39

SPHERICAL BEARINGS – Metal-to-Metal

Narrow

NHBB P/N



Part Number V-Grooved*	(B)	(D)	(W)	(T)	(O)	Ball Diameter	(F)	(Q)	(P)	(R)	(S)	(X)	Limit Static Radial Load		Weight
	Bore Diameter	Outside Diameter	Ball Width	Race Width	Shoulder Diameter		Race Chamfered x 45°	Mis- alignment	Staking Groove Data			Bronze Race	Steel Race		
	Inch	Inch	Inch	Inch	Inch	Inch	Inch	Ref.	Inch	Inch	Inch	Inch	lbs.	lbs.	lbs.
	+ .0000	+ .0000	+ .000	+ .005	Ref.	Ref.	+ .000		+ .000	+ .000	+ .000	+ .000			Ref.
	- .0005	- .0005	- .005	- .005			- .010		- .015	- .010	- .010	- .010			
AG3V	.1900	.5625	.281	.218	.293	.406	.020	11°	.030	.015	.020	.045	2350	4060**	.02
AG4V	.2500	.6562	.343	.250	.364	.500	.022	13°	.030	.015	.020	.045	3700	6660	.02
AG5V	.3125	.7500	.375	.281	.419	.562	.032	11° 30'	.040	.020	.030	.055	4580	8240	.03
AG6V	.3750	.8125	.406	.312	.517	.656	.032	9° 30'	.040	.020	.030	.055	6360	11450	.04
AG7V	.4375	.9062	.437	.343	.572	.718	.032	9°	.040	.020	.030	.055	8080	14540	.05
AG8V	.5000	1.0000	.500	.390	.642	.813	.032	9°	.060	.020	.030	.080	11060	19900	.07
AG9V	.5626	1.0937	.562	.437	.671	.875	.032	10°	.060	.020	.030	.080	13960	25120	.09
AG10V	.6250	1.1875	.625	.500	.739	.968	.032	9°	.060	.020	.030	.080	17760	31970	.11
AG12V	.7500	1.4375	.750	.593	.920	1.187	.040	9°	.060	.020	.030	.080	27300	49140	.21
AG14V	.8750	1.5625	.875	.703	.980	1.312	.040	9°	.060	.020	.030	.080	36080	64940	.27
AG16V	1.0000	1.7500	1.000	.797	1.118	1.500	.040	9° 30'	.060	.020	.030	.080	48300	86940	.39
AG18V	1.1250	2.1250	1.125	.900	1.334	1.750	.040	8°	.060	.020	.030	.080	63000	113400	.72
AG20V	1.2500	2.3125	1.250	1.000	1.473	1.937	.040	8°	.060	.020	.030	.080	79420	142950	.93
AG22V	1.3750	2.5625	1.375	1.100	1.654	2.156	.040	8°	.060	.020	.030	.080	99180	178520	1.28
AG24V	1.5000	2.8125	1.500	1.200	1.794	2.344	.040	8°	.060	.020	.030	.080	119540	215180	1.67

* For chamfered version, delete 'V' from part number.

** Based on pin limitation.

Notes:

- Radial Clearance: Free running to .002 max.
- Dimensions: All dimensions apply after plating.
- Options: For bearings without lubrication holes and grooves, add suffix "300" to part number (Example: AG5-300, AG16VCR300).
- Groove dimensions on ID of race and grease holes through race are before bearing assembly, but swaging shall not restrict grease flow.

Materials

Part No.	Ball	Race
Catalog No.	52100 Alloy Steel Chrome Plated†	Aluminum Bronze (AMPCO® 15), Cadmium Plated†
Catalog No. + S	"	4130 Alloy Steel Cadmium Plated†
Catalog No. + SS	"	CRES 17-4PH
Catalog No. + CR	CRES 440C	"
Catalog No. + CRP	CRES 440C, Chrome Plated†	"

† Plating: When specified in materials block, ball spherical diameter and ends are hard chrome plated per AMS-QQ-C-320, CL. 2 (.0002 to .0005 inch thickness). All external surfaces of race are cadmium plated per AMS-QQ-P-416.

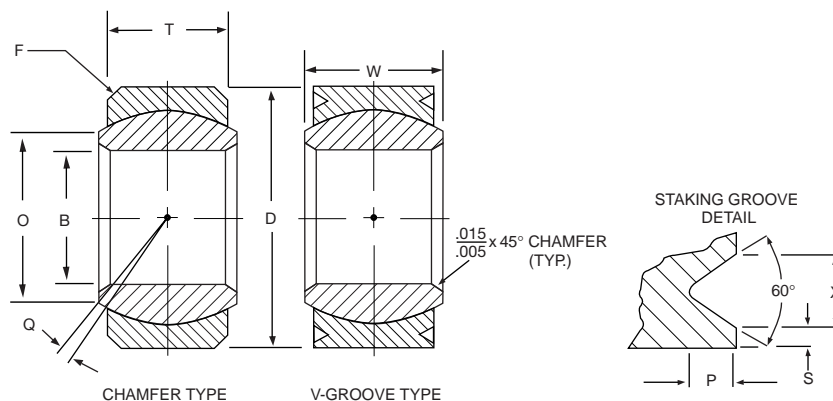
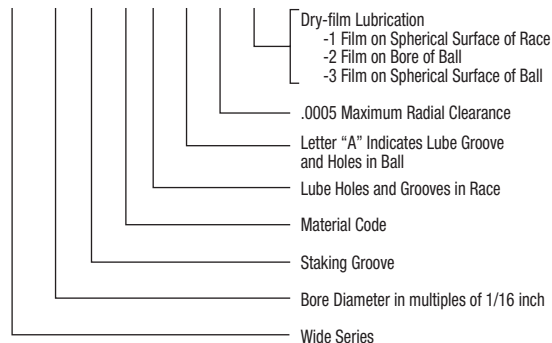
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Wide

NHBB P/N

AW 3 V SS G A X 123

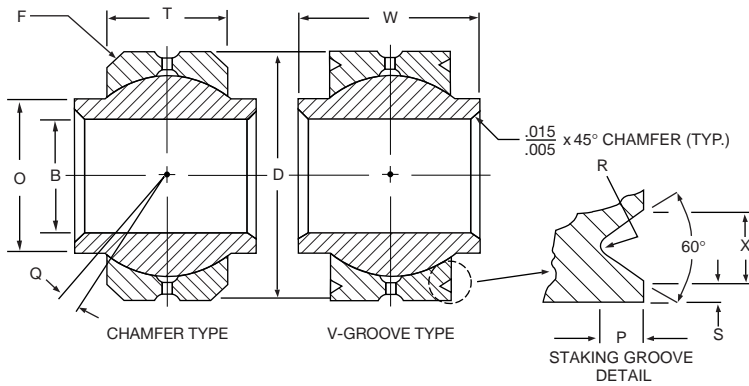


Part Number V-Grooved*	(B)	(D)	(W)	(T)	(O)	Ball Diameter	(F)	(Q)	(P)	(R)	(S)	(X)	Limit Static Radial Load [◇]		Weight
	Bore Diameter	Outside Diameter	Ball Width	Race Width	Shoulder Diameter		Race Chamfered x 45°	Mis- alignment		Staking Groove Data			Bronze Race	Steel Race	
	Inch	Inch	Inch	Inch	Inch	Inch	Inch	Ref.	Inch	Inch	Inch	Inch	lbs.	lbs.	lbs.
	+ .0000 - .0005	+ .0000 - .0005	+ .000 - .005	+ .010 - .000	Ref.	Ref.	+ .000 - .015		+ .000 - .015	+ .000 - .010	+ .000 - .010	+ .000 - .010			Ref.
AW3-5V	.1900	.6250	.437	.322	.301	.531	.025	18°	.030	.015	.020	.045	4060**	4060**	.030
AW3V	.1900	.5000	.359	.281	.249	.437	.025	15°	.030	.015	.020	.045	4060**	4060**	.015
AW4V	.2500	.6250	.437	.322	.301	.531	.025	18°	.030	.015	.020	.045	7040**	7040**	.030
AW5V	.3125	.6875	.437	.312	.401	.593	.025	15° 30'	.030	.015	.020	.045	8360	11010**	.033
AW6V	.3750	.8125	.500	.401	.471	.687	.025	11°	.040	.020	.030	.055	12740	15860**	.053
AW7V	.4375	.9375	.562	.437	.542	.781	.025	12°	.040	.020	.030	.055	15890	21600**	.079
AW8V	.5000	1.0000	.625	.500	.612	.875	.035	10° 30'	.040	.020	.030	.055	20560	28220**	.097
AW9V	.5625	1.1250	.687	.531	.726	1.000	.035	11°	.040	.020	.030	.055	23550	35720**	.133
AW10V	.6250	1.1875	.750	.562	.752	1.062	.035	13°	.040	.020	.030	.055	26660	44110**	.140
AW12V	.7500	1.3750	.875	.625	.892	1.250	.035	14°	.060	.020	.030	.080	35310	63520	.232
AW14V	.8750	1.6250	.875	.750	1.061	1.375	.035	6° 30'	.060	.020	.030	.080	47440	85390	.346
AW15-101V	.9375	1.3750	.450	.350	1.100	1.188	.025	5°	.060	.020	.030	.080	19010	34210	.090
AW16V	1.0000	2.1250	1.375	1.000	1.275	1.875	.035	15°	.060	.020	.030	.080	88120	112980**	.970
AW18V	1.1250	2.2500	1.437	1.067	1.338	1.968	.035	14°	.060	.020	.030	.080	98600	143010**	1.000
AW20V	1.2500	2.3750	1.500	1.125	1.460	2.093	.035	13°	.060	.020	.030	.080	111450	176570**	1.110
AW20-5V	1.2500	2.0000	1.093	.937	1.406	1.781	.035	6°	.060	.020	.030	.080	78100	140570	.564
AW22V	1.3750***	2.5625	1.687	1.218	1.535	2.281	.045	15°	.060	.020	.030	.080	129790	213670**	1.390
AW24V	1.5000***	2.6875	1.687	1.218	1.693	2.390	.045	14°	.060	.020	.030	.080	135990	244780	1.480
AW26V	1.6250***	2.8750	1.750	1.281	1.828	2.531	.045	13°	.060	.020	.030	.080	121580	273570	1.750
AW28V	1.7500***	3.0000***	1.812	1.312	1.964	2.672	.045	13°	.060	.020	.030	.080	131670	296270	1.910
AW30V	1.8750***	3.1250***	1.875	1.343	2.096	2.812	.045	13°	.060	.020	.030	.080	142060	319640	2.120
AW32V	2.0000***	3.2500***	1.937	1.375	2.208	2.937	.045	13°	.060	.020	.030	.080	152140	342310	2.220
AW36V	2.2500***	3.6250***	2.000	1.406	2.442	3.156	.045	12° 30'	.060	.020	.030	.080	167390	376640	2.780
AW40V	2.5000***	3.9375***	2.062	1.437	2.750	3.437	.045	12°	.060	.020	.030	.080	186560	419760	3.280
AW44V	2.7500***	4.1250***	2.187	1.500	2.968	3.687	.045	12°	.060	.020	.030	.080	209420	471200	3.550
AW48V	3.0000***	4.3750***	2.312	1.562	3.187	3.937	.045	12° 30'	.060	.020	.030	.080	233380	525120	4.000

* For chamfered version, delete 'V' from part number.
 ** Based on pin limitation.
 *** Tolerance: +.0000-.0008.
 ◇ Loads based on parts with no lubrication grooves.

SPHERICAL BEARINGS – Metal-to-Metal

High Misalignment



NHBB P/N

ASBY 3 V SS A X 123

- Dry-film Lubrication
 - 1 Film on Spherical Surface of Race
 - 2 Film on Bore of Ball
 - 3 Film on Spherical Surface of Ball
- .0005 Maximum Radial Clearance
- Letter "A" Indicates Lube Groove and Lube Holes in Ball
- Material Code
- Staking Groove
- Bore Diameter in multiples of 1/16 inch
- High Misalignment Series

Part Number V-Grooved*	(B) Bore Diameter	(D) Outside Diameter	(W) Ball Width	(T) Race Width	(O) Shoulder Diameter	Ball Diameter	(F) Race Chamfered x 45°	(Q) Mis- alignment	(P)	(R)	(S)	(X)	Limit Static Radial Load		Weight
	Inch +.0000 -.0005	Inch +.0000 -.0005	Inch +.000 -.005	Inch +.010 -.000	Inch Ref.	Inch Ref.	Inch +.000 -.010	Ref.	Inch +.000 -.015	Inch +.000 -.010	Inch +.000 -.010	Inch +.000 -.010	lbs. Bronze Race	lbs. Steel Race	
ASBY3V	.1900	.5625	.500	.205	.319	.437	.020	15°	.030	.015	.020	.045	2470	4060**	.018
ASBY4V	.2500	.7400	.593	.250	.390	.593	.022	24°	.030	.015	.020	.045	4680	7040**	.036
ASBY5V	.3125	.6875	.625	.250	.418	.593	.022	20°	.030	.015	.020	.045	4680	8430	.029
ASBY6V	.3750	.9060	.813	.340	.512	.781	.032	23°	.030	.015	.020	.045	9060	15860**	.068
ASBY7V	.4375	1.0000	.875	.340	.618	.875	.032	22°	.030	.015	.020	.045	10150	18270	.095
ASBY8V	.5000	1.1250	.937	.396	.730	1.000	.032	20°	.040	.020	.030	.055	14400	25920	.159
ASBY10V	.6250	1.3750	1.200	.562	.856	1.250	.032	20°	.040	.020	.030	.055	27440	49390	.245
ASBY12V	.7500	1.5625	1.280	.615	.970	1.375	.044	18°	.040	.020	.030	.055	33820	60880	.315
ASBY14V	.8750	1.7500	1.400	.620	1.140	1.531	.044	18°	.060	.020	.030	.080	36510	65720	.430
ASBY16V	1.0000	2.1250	1.875	.830	1.278	1.875	.044	21°	.060	.020	.030	.080	64410	115930	.831
ASBY18V	1.1250***	2.3125***	1.875	.937	1.400	2.062	.044	20°	.060	.020	.030	.080	78560	141410	1.096
ASBY20V	1.2500***	2.5000***	1.875	1.000	1.523	2.250	.044	21°	.060	.020	.030	.080	92810	167060	1.318
ASBY22V	1.3750***	2.7500***	2.125	1.093	1.670	2.500	.044	22°	.060	.020	.030	.080	91800	206550	1.800
ASBY24V	1.5000***	3.0000***	2.250	1.170	1.800	2.672	.044	21°	.060	.020	.030	.080	106340	239280	2.223

* For chamfered version, delete 'V' from part number.

** Based on pin limitation.

*** Bore and O.D. tolerance: +.0000-.0008.

Notes:

- Radial Clearance: Free running to .002 max.
- Dimensions: All dimensions apply after plating.
- Options: For bearings without lubrication holes and grooves, add suffix "300" to part number (Example: ASBY5-300, ASBY16VCR300).
- Groove dimensions on ID of race and grease holes through race are before bearing assembly, but swaging shall not restrict grease flow.

Materials

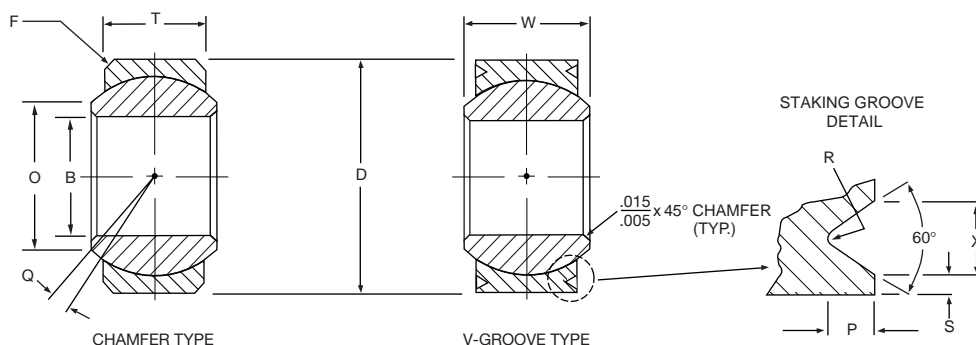
Part No.	Ball	Race
Catalog No.	52100 Alloy Steel, Chrome Plated†	Aluminum Bronze (AMPCO® 15), Cadmium Plated†
Catalog No. + S	"	4130 Alloy Steel, Cadmium Plated†
Catalog No. + SS	"	CRES 17-4PH
Catalog No. + CR	CRES 440C	"
Catalog No. + CRP	CRES 440C, Chrome Plated†	"

†Plating: When specified in materials block, ball spherical diameter and ends are hard chrome plated per AMS-QQ-C-320, CL. 2 (.0002 to .0005 inch thickness). All external surfaces of race are cadmium plated per AMS-QQ-P-416.

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High Temperature



Part Number V-Grooved*	Part Number V-Grooved*	(B)	(D)	(W)	(T)	(O)	Ball Diameter	(F)	(Q)	(P)	(R)	(S)	(X)	Limit Static Radial Load		Weight
		Bore Diameter	Outside Diameter	Ball Width	Race Width	Shoulder Diameter		Race Chamfered x 45°	Mis- alignment					Staking Groove Data	Bronze Race	
		Inch +.0000 -.0005	Inch +.0000 -.0005	Inch +.000 -.005	Inch +.000 -.005	Inch Ref.	Inch Ref.	Inch +.000 -.010	Ref.	Inch +.000 -.015	Inch +.000 -.010	Inch +.000 -.010	Inch +.000 -.010	lbs.	lbs.	lbs. Ref.
AHT3V	AHET3V	.1900	.5625	.281	.218	.293	.406	.020	11°	.030	.015	.020	.045	4060**	4060**	.02
AHT4V	AHET4V	.2500	.6562	.343	.250	.364	.500	.022	13°	.030	.015	.020	.045	7040**	6390	.02
AHT5V	AHET5V	.3125	.7500	.375	.281	.419	.562	.032	11° 30'	.040	.020	.030	.055	10080	8210	.03
AHT6V	AHET6V	.3750	.8125	.406	.312	.517	.656	.032	9° 30'	.040	.020	.030	.055	13250	10790	.04
AHT7V	AHET7V	.4375	.9062	.437	.343	.572	.718	.032	9°	.040	.020	.030	.055	16120	13140	.05
AHT8V	AHET8V	.5000	1.0000	.500	.390	.642	.813	.032	9°	.060	.020	.030	.080	21040	17140	.07
AHT9V	AHET9V	.5625	1.0937	.562	.437	.671	.875	.032	10°	.060	.020	.030	.080	23730	19330	.09
AHT10V	AHET10V	.6250	1.1875	.625	.500	.739	.968	.032	9°	.060	.020	.030	.080	30700	25010	.11
AHT12V	AHET12V	.7500	1.4375	.750	.593	.920	1.187	.040	9°	.060	.020	.030	.080	45690	37230	.21
AHT14V	AHET14V	.8750	1.5625	.875	.703	.980	1.312	.040	9°	.060	.020	.030	.080	61020	49720	.27
AHT16V	AHET16V	1.0000	1.7500	1.000	.797	1.118	1.500	.040	9° 30'	.060	.020	.030	.080	80040	65220	.39

* For chamfered version, delete 'V' from part number.
 ** Based on pin limitation.

Notes:

- Load ratings are based on short-term exposure. Not intended for continuous use at temperature shown.
- Radial clearance: Free running to .002 max.

Materials

Series	Ball	Race	Temp.
AHT	Inconel® 718, thin dense chrome plated	CRES A-286, solution treated and aged, spherical surface silver plated	Brief exposure to 1000°F
AHET	Stellite® #3, thin dense chrome plated	"	Brief exposure to 1200°F

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