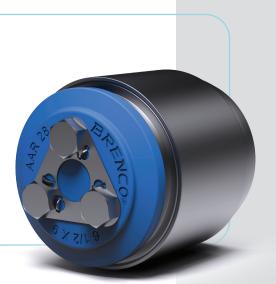


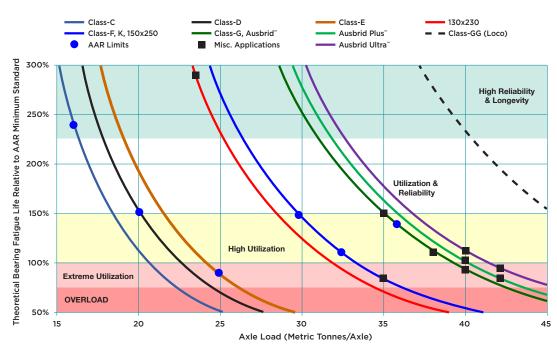
BRENCO[®] TAPERED ROLLER BEARINGS

Industry-leading, AAR-approved journal bearings

- Seamless forged rings ensure optimal performance under extreme loads
- High performance greases ensure maximum raceway protection
- Advanced seal designs available
- Polyamide cages for resistance to lock-ups from wheel impacts; standard on 6x11 and larger sizes



Brenco® Bearing Application Reliability - Based on Calculated L₁₀ Life





AAR Standard Bearings

CLASS/SIZE	AAR APVL.	GROSS RAIL LOAD (LB)	STATIC LOAD (LB)	AXLE LOAD (TONNES)	WT (LB)	SEAL TYPE	DESIGNATION
C – 5 x 9	(5A)	142,000	16,750	16.1	55.3	DDL*	922FST
D - 5 ½ x 10	5A	177,000	21,000	20.1	59.1	- DDL®	1022ST
	Fitted				59.6	DDL	1022STA
E - 6 x 11	5A	Recommended Limit				DDL®	1122FSTP
		194,000	23,000	22.0	72.8	ST-212™	1122FBP
			AAR Allowed*				
		220,000*	26,250*	24.9*		Efficency Plus®	1122FGP
F - 6 ½ x 12	5A	Recommended Limit				DDL®	1222FSTP
		263,000	31,500	29.8	106.6	ST-212™	1222FBP
		AAR Allowed			106.6	Efficiency Plus®	1222FGP
		286,000	34,375	32.4		Tru-Guard®	1222K
K - 6 ½ x 9	28	286,000	34,375	32.4	87.3	ST-212™	G222P
						Efficiency Plus®	G222GP
						Tru-Guard®	G222K
M - 7 x 9	28	315,000	38,000	35.7	102.2	Efficency Plus®	G322GP
G - 7 x 12	5A	315,000	38,000	35.7	123.6	DDL®	1322STP
						ST-212™	1322BP
						Efficiency Plus®	1322GP

Non-AAR Bearings

CLASS/SIZE	AAR APVL.	GROSS RAIL LOAD (LB)	STATIC LOAD (LB)	AXLE LOAD (TONNES)	WT (LB)	SEAL TYPE	DESIGNATION
Ausbrid Plus™	N/A	352,700	42,650	40.0	114.8	Tru-Guard®	G422DK
Ausbrid Ultra™	N/A	352,700	42,650	40.0	115.4	Tru-Guard®	G422PLDK
GG 6 7⁄8″	N/A	Locomotive Use			164.3	DDL®	1622P
						Efficiency Plus®	1622GP

*AAR allows a reduced fatigue life for the Class-E bearing. L10 at 25T \ge 0.75M miles.

AMSTED RAIL, THE GLOBAL LEADER IN FULLY INTEGRATED FREIGHT CAR SYSTEMS FOR THE HEAVY HAUL RAIL MARKET.

Amsted Rail is the world's leading provider of undercarriage and end-of-car railcar components, with facilities spanning six continents. Through our state-of-the-art manufacturing processes, Amsted Rail has been redefining industry standards for innovation and technology since 1877, providing our customers worldwide with unmatched performance and reliability for the long haul.

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