

Tapered Journal Bearings



77/1777

Tapered Journal

Hyatt was incorporated in 1892 for the manufacture and sales of roller bearings for railroad applications. The first Hyatt railway bearings were applied to cars for the Brooklyn City Railway in 1894. Since then, Hyatt has been in the forefront of bearing design and development for both locomotives and freight cars. The company furnished tapered journal bearings from 1959 to 1977 under Certificate 6 and 6A, when, as a division of General Motors Corporation, it stopped production.







As the leader in the design and manufacture of railroad tapered journal bearings since 1894, Hyatt had achieved the industry's best performance record with the highest average car miles per roller bearing "hot box" set out prior to leaving the market in 1977. Hyatt Division of General Bearing Corporation is again producing the tapered journal bearings and has supplied many thousands of bearings to the railroad industry without a single reported "hot box" set out, and is well on their way to gaining back the industry's best performance record.

Hyatt Tapered Journal Bearings are made to the highest design and quality levels and include such features as:

- Races and rollers made from super clean, carburizing grade steel for wear resistance, toughness and long life.
- Superior dimensional and surface finish controls.
- Optimum geometry, including roundness and profile.
- Crowned rollers and inner ring and outer ring pathways to reduce stress concentration.
- Closely controlled lateral movement.
- Superior seals and lubrication.

Hyatt Division of General Bearing Corporation was granted Unconditional Approval by the Association of American Railroads for all classes of Tapered Journal Bearings under certificate 6B in December 1998, by successfully passing all of the stringent testing requirements of specification M-934 put in place by the Association of American Railroads. Hyatt has a complete product engineering and quality assurance staff to provide customers with all necessary assistance. The Hyatt factory in West Nyack, New York, is also QS-9000/ISO-9001 Certified and has been audited and found to be in 100% conformance with the AAR Quality Assurance Program M-1003.

Hyatt currently has available the Class E (6 x 11) and the Class F (6 x 12) Tapered Journal Bearings for supply with the highest quality and performance standards in the industry. Other classes of the Hyatt design will be released for production in the future.

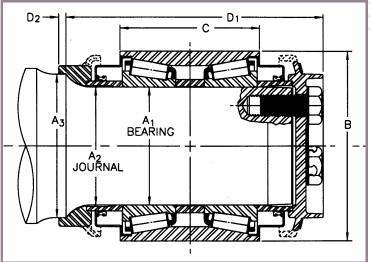
All sales inquiries and technical questions should be directed to Hyatt Division of General Bearing Corporation, Phone (845) 358-6000, Fax (845) 358-7414, or e-mail inquiries to gbcsales@worldnet.att.net.

Hyatt also has an arrangement for bearing rebuilding and reconditioning through Precision Roller Bearing Company, LLC, P.O. Box 2025, Elizabethtown, KY 42702-2025, Phone (270) 735-1912, Fax (270) 735-1513. In addition to offering a full repair service, Precision Roller Bearing can also provide sales support.

Hyatt bearings are also sold in Canada through DW Gill Supply Company Limited, Phone (540) 455-1700.

TAPERED JOURNAL BEARINGS





CLASS	D	E	F	G	GG	GG
SIZE	5 1/2 X 10	6 X 11	6 1/2 X 12	7 X 12	6 7/8	6 1/2
BEARING RATIN	G LBS @ 500 R	PM				
Radial	37,600	40,200	56,700	67,100	83,000	83,000
Thrust	8,500	9,100	12,800	15,200	25,000	25,000
BEARING DIMEN	SIONS					
A1	5.1875	5.6875	6.1875	7.0000	6.8750	6.5000
В	8.187	8.687	9.937	10.875	11.878	11.878
С	6.000	6.437	7.250	7.312	7.750	7.750
D1	11.56	12.50	13.43	13.53	13.03	13.03
D2	0.00	0.34	0.34	0.56	0.56	0.56
JOURNAL DIMEN	ISIONS					
A2	5.1910	5.6910	6.1910	7.0035	6.8785	6.5035
A3	6.375	7.031	7.531	8.001	7.871	7.871
HYATT NUMBER	s					
BASIC ASSEMBLY	HM127446	HM129848	HM133444	HM136948	HM337844	HM3378
With End Cap New	WECN	WECN	WECN	WECN	WECN	WECN
With End Cap Used	WECU	WECU	WECU	WECU	WECU	WECU
Without End Cap	WOEC	WOEC	WOEC	WOEC	WOEC	WOEC

HYATT

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