

HYATT®

Journal Box Parts



A QS-9000/ISO-9001 Certified Company

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Hyatt was incorporated in 1892 for the manufacture and sale of roller bearings for use in railroad applications. The first Hyatt Railway bearings were applied to cars of the Brooklyn City Railway in 1894. Since then, Hyatt has been in the forefront of bearing design and development for locomotives.

Hyatt Journal Boxes have been the workhorses of the North American locomotive fleet with more than 300,000 manufactured and operating trouble free for more than 50 years. Over 20,000 locomotives currently in the worldwide fleet still use over 160,000 Hyatt Journal Boxes.

The Journal Box, developed jointly with engineers at Electro-Motive, Hyatt's sister General Motors Division, was designed to have extra long life, be cool running with its own oil reservoir, have resilient cushioning and controlled axle float with improved riding quality and longer wheel flange life. It is easily installed and can be quickly removed for rapid maintenance. Today, General Bearing Corporation continues to supply these superbly designed Journal Boxes and parts for the railway industry. Made to the highest engineering and quality levels, they include such features as:

- One piece cage made from special bronze material for maximum strength and resistance to wear and fatigue.
- Patented taper relief at the fillet end of all inner race bores (U.S. Patent #2,082,379) which eliminates any abrupt change in the surface stress of the axle and removes the possibility of progressive axle fracture.

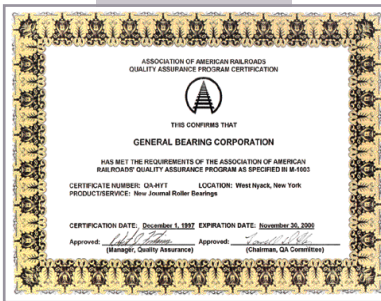
Hyatt has a complete product engineering and quality assurance staff to provide customers with all necessary assistance. Hyatt Division General Bearing Corporation is certified to both the QS-9000/ISO-9001 standard, and M-1003, the Association of American Railroads' QA standard.

Hyatt Journal Box Rolling Elements are the most commonly replaced parts and consequently are in continuous production. As the supplier to the OEMs, EMD, Diesel Division, GE, and to most major railroads, Hyatt Division of General Bearing Corporation is the most familiar with the requirements for these parts to achieve optimum performance.

Journal Box Assemblies

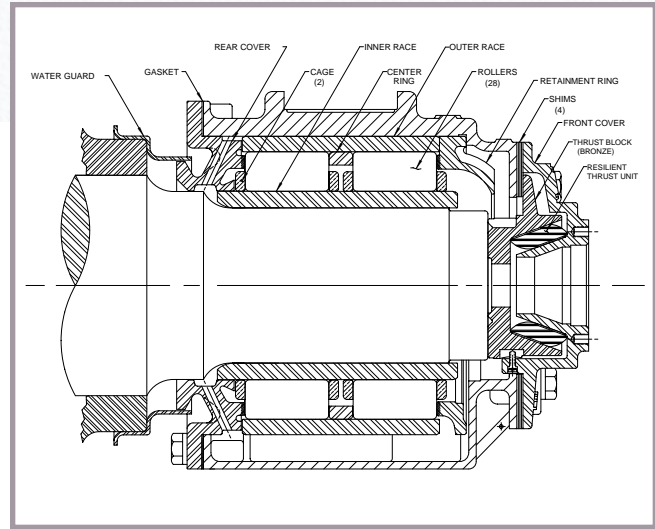
In addition to genuine Hyatt Journal Box parts, complete new journal box assemblies are available in the 5½ x10 size.

Hyatt Journal Box parts are sold in the U.S. by General Bearing Corporation. For price and delivery information, Phone (845) 358-6000, Fax (845) 358-7414, or email inquiries to sales@gbc.gnrl.com.

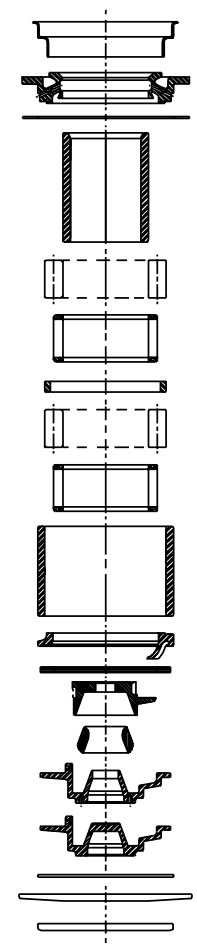


- Rollers and races made from super clean alloy steel, heat treated for optimum hardness, insuring greater life and wear resistance.
- Superior dimensional controls for proper mounting fit and operating clearance.
- Optimum geometry, including roundness and profile.
- Crowned rollers to reduce stress concentration.
- Superior surface finish of rollers and pathways for long service life.

JOURNAL BOX PARTS



Journal Box Size	5 1/2 x 10	6 x 11	6 1/2 x 12
Water Guard	3-R-349-1	3-R-501-1	3-E-4534-9
Rear Cover	4-E-3752-1	4-E-3747-2	4-R-3998-1
Gasket	3-E-4522-9	3-E-4522-7	3-E-4522-10
Inner Race	DIR-85504	DIR-86003	DIR-86875 OR DIR-86503
(14) Rollers	K-85504	K-86003	K-86503
Cage	F-85504	F-86003	F-86503
Center Ring	E-85504	E-86003	E-86503
(14) Rollers	K-85504	K-86003	K-86503
Cage	F-85504	F-86003	F-86503
Outer Race	DOR-85504	DOR-86003	DOR-86503
Retainment Ring	4-R-1654-1	4-R-1650-1	4-R-1708-1
(4) Shims	3-R-551-2	3-R-551-1	3-R-551-4
Thrust Block	4-R-1092-1	4-R-1244-1	4-R-4111-1
Resilient Thrust Unit	2-R-567-1	2-R-632-1	2-R-574-1
Comb. Front Cover or Plain Front Cover	4-R-1091-1 4-R-1090-1	4-R-1243-1 4-R-1242-1	4-R-3947-2 4-R-1829-1
Driving Face Liner	2-E-3261-11	2-E-3261-12	2-E-3260-2
Strip Liner	2-R-370-3	2-R-370-1	2-R-370-1
Lug Liner	2-E-3270-24	2-E-3270-24	2-E-3270-1



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