

Information about current certificates of conformity, designated life of the bearing, storage, disposal, repair intervals, designations and examples of the outer ring marking

The list of valid certificates of conformity for bearing products of EPK-Brenko Bearing Company LLC

Table 1

Bearing type	Design	Certificate of conformity
*130x230x150	RUM6S26A_H RUM6S26A_P RUM6S26A_L RUM6S26B_M RUM6S26C_M RUM6S26G_H RUM6S26G_P RUM6S26F_M	Certificate of conformity № EAЭC RU C-RU.ЖТ02.B.01740/23 Valid from 24.11.2023 to 23.11.2028 Certificate blank form № 0472574
*130x250x160	RUM6L26A_H RUM6L26A_P RUM6L26B_H RUM6L26B_P RUM6L26C_M	Certificate of conformity № EAЭC RU C-RU.ЖТ02.B.01741/23 Valid from 24.11.2023 to 23.11.2028 Certificate blank form № 0472575
*150x250x160	RUM226B1_H RUM226B2_H RUM226B1_P RUM226B2_P RUM226A_P RUM226A_H RUM226K_H RUM226K_P	Certificate of conformity EAЭC RU C-RU.ЖТ02.B.01456/23 Valid from 03.03.2023 no 02.03.2028 Certificate blank form №0422087
**150x250x160	RUM226S_L	Certificate of conformity № EAЭC RU C-RU.ЖТ02.B.01743/23 Valid from 29.11.2023 to 28.11.2028 Certificate blank form № 0472577

*Certification for compliance with the requirements of TR CU 001/2011 was carried out based on the regulatory documentation specified in Table 2:

Table 2

№ п/п/ S No.	Safety requirements (TR CU 001/2011)	A regulatory document containing a certification indicator
1	Section V, para. 13 subpara. «б»	subclause 6.1.1.2, subclause 6.1.3.4, Annex A (Table A.2) of GOST 32769-2014
2	Section V, para. 13 subpara. «п» - «т», para. 15	subclause 6.1.2.2, subclause 6.1.3.1, subclause 6.1.3.2, subclause 6.1.3.4, Annex A (Table A.2), subclause 8.2.2, subclause 8.2.3, subclause 8.2.5 of GOST 32769-2014; Clause 9 of GOST 18855-2013.
3	Section V, para. 97	subclause 4.13 of GOST 2.601-2013
4	Section V, para. 99	subclause 6.6 of GOST 2.601-2013; subclause 6.3 (subpara. «а», «б», «г», «д», «и», «к», «л»), subclause 6.4 of GOST 32769-2014.
5	Section V, para. 101	para. 101 of the TR CU 001/2011; subclause 6.3 (subpara. «а», «б», «к»), subclause 6.4 of GOST 32769-2014.
6	Section V, para. 106	para. 106 of the TR CU 001/2011

**Certification for compliance with the requirements of TR CU 002/2011 was carried out based on the regulatory documentation specified in Table 3:

Table 3

№ п/п/ S No.	Safety requirements (TR CU 002/2011)	A regulatory document containing a certification indicator
1	Section V, para. 13 subpara. «в»	subclause 6.1.1.2, subclause 6.1.3.4, Annex A (Table A.2) of GOST 32769-2014
2	Section V, para. 13 subpara. «с», «т», «у», para. 15	subclause 6.1.2.2, п. 6.1.3.1, subclause 6.1.3.2, subclause 6.1.3.4, Annex A (Table A.2), subclause 8.2.2, subclause 8.2.3, subclause 8.2.5 of GOST 32769-2014; Clause 9 of GOST 18855-2013.
3	Section V, para. 82	subclause 4.13 of GOST 2.601-2013
4	Section V, para. 89	subclause 6.6 of GOST 2.601-2013; subclause 6.3 (subpara. «а», «б», «г», «д», «и», «к», «л»), subclause 6.4 of GOST 32769-2014.
5	Section V, para. 91	para. 91 (point 1) of the TR CU 002/2011; subclause 6.3 (subpara. «а», «б», «к»), subclause 6.4 of GOST 32769-2014.
6	Section V, para. 94	para. 94 of the TR CU 002/2011

List of bearing designations

Table 4

Bearing designation	Bearing designs	Grease grade code	Interpretation
TBU 130x230x150 (RUM6S)	RUM6S26A	H	<ol style="list-style-type: none"> 1. RUM6S26 – bearing type code TBU 130x230x150 2. A (B; C; G; F) – end cap design 3. H (M,P,L) – grease grade code (H – Shell GadusRail S3 AAR AP 1.5 (Shell Alvania EP-D); M – Shell Gadus S5 V42P 2,5 (Shell Nerita HV); P – Mobilith SHC221; L – PLASMOL TS 0254-009-17432726-2018).
	RUM6S26A	P	
	RUM6S26A	L	
	RUM6S26B	M	
	RUM6S26C	M	
	RUM6S26G	H	
	RUM6S26G	P	
TBU 130x250x160 (RUM6L26)	RUM6L26A	H	<ol style="list-style-type: none"> 1. RUM6L26 – bearing type code TBU 130x250x160 2. A (B; C) - end cap design 3. H (M,P) - grease grade code (H – Shell GadusRail S3 AAR AP 1.5 (Shell Alvania EP-D); M – Shell Gadus S5 V42P 2,5 (Shell Nerita HV); P – Mobilith SHC221).
	RUM6L26A	P	
	RUM6L26B	H	
	RUM6L26B	P	
	RUM6L26C	M	
TBU 150x250x160 (RUM226)	RUM226B1	H	<ol style="list-style-type: none"> 1. RUM226- bearing type code TBU 150x250x160 2. A (B1,2; K) - end cap design 3. H (P,L) - grease grade code (H – Shell GadusRail S3 AAR AP 1.5 (Shell Alvania EP-D); P – Mobilith SHC221; L - PLASMOL TS 0254-009-17432726-2018).
	RUM226B2	H	
	RUM226B1	P	
	RUM226B2	P	
	RUM226A	P	
	RUM226A	H	
	RUM226K	H	
	RUM226K	P	
	RUM226S	L	

Examples of marking on the bearing outer ring (BRENCO TS 840-462869-567-09)

– during the manufacture of the outer ring at the Company's factory in the USA:

BRENCO ® RUM202 - USA - H - 15 - 00024

– during the manufacture of the outer ring at the Company's factory in Russia until 2015:

EPK-BRENCO ® RUM202 - H - 15 - 00024 – RUSSIA,

– during the manufacture of the outer ring at the Company's factory in Russia after 2015:

EPK-BRENCO ® RUM202 - H - 15 - 00024 – RU1407;

– during the manufacture of the outer ring at the Company's factory in Russia after 2015:

EPK - RUM202 - H - 15 - 00024 – RU1407;

EPK-BRENCO ® or BRENCO ® or EPK - trademark

RUM202 – part number ("**M202**" – the company code for the outer ring corresponding to the bearing dimensions 150x250x160); "**H**" – month code (**A**-Jan, **B**-Feb, **C**-March, **D**-April, **E**-May, **F**-June, **G**-July, **H**-Aug, **J**-Sept, **K**-Oct, **L**-Nov, **M**-Dec); "**08**", "**15**" - the last two digits of the years of the manufacture of the outer ring; "**00024**" - sequential number (may contain 5 or 6 digits); **RU, USA** – country of manufacture; **1407** – company unique number.

* - Due to the technological features of bearing manufacturing, it is not possible to apply information about a single mark of product circulation in the market, product names and (or) designations as well as the date of its manufacture directly on the bearing in accordance with the design documentation. It is not possible to ensure safety of marking on the package throughout the entire product lifecycle. This certificate contains complete and comprehensive information about the bearing released into circulation.

Storage (BRENCO TS 840-462869-567-09)

1. It is mandatory to store bearing products in anti-corrosion packaging of the manufacturer¹ in a closed, heated, dry, ventilated room at a temperature of (20 ± 5) °C, relative air humidity of not more than 60% when the rotational axis of the tapered bearing assembly is in the vertical position.

2. According to GOST 32769-2014, shelf life is 24 months from the date of the bearing assembly, the date is determined by the bearing certificate. Bearings with expired shelf life are subjected to re-greasing at an authorized service center.

Bearing disposal

1. No special requirements for disposal.

2. Metal bearing parts unsuitable for further operation are non-toxic, do not require cleaning from operation grease and must be scrapped in accordance with GOST 2787-75.

3. Plastic bearing parts unsuitable for further operation are non-toxic, do not require destruction and must be disposed of in accordance with SanPiN 2.1.7.1322-03.

Incineration is prohibited.

4. Operation grease waste is collected in sealed containers for further disposal in accordance with the requirements of Federal Law No. 52-FZ dated 30.03.1999.

Bearing repair interval (BRENCO TS 840-462869-567-09)

1. Bearing repair interval subject to operating conditions (and before the first removal from the axis) should not exceed 8 years from the date of mounting the bearing on the wheelset or 800,000 km maintenance-free axle boxes of freight wagons, or 1,200,000 km maintenance-free axle boxes of passenger wagons, motor rolling stock and locomotives (whichever occurs first). During the entire life of the bearing, no more than one repair is performed.

2. Bearing repair interval subject to operating conditions (and before the first removal from the axis) should not exceed 8 years from the date of mounting the bearing on the wheelset or 1,250,000 km maintenance-free axle boxes of electric trains of the Velaro RUS EVS "Sapsan" family.

Designated life of a bearing (BRENCO TS 840-462869-567-09)

1. The designated life of the bearing subject to operating conditions and repair intervals specified in BRENCO TS 840-462869-567-09 should be 16 years and 1,600,000 km when operating within the axle boxes of freight wagons or 2,400,000 km when operating within the axle boxes of passenger wagons, motor rolling stock and locomotives, respectively.

2. The designated life of the bearing subject to operating conditions and repair intervals, specified in subclause 2.2.29 of this Technical Specification, should be 16 years and 2,500,000 km when operating within the axle boxes of electric trains of the Velaro RUS EVS "Sapsan" family.

Claims are handled when submitted by e-mail to pretenzia@epkgroun.ru only if a copy of the bearing certificate (and the original copy on demand) of the manufacturer is provided.

The warranty period for the operation of bearings in products (except for test products) corresponds to the warranty period for the operation of the product, confirmed by field (environmental) tests, and expires simultaneously with the expiration of the warranty period for this product, under observance of mounting conditions, rules of application and operation.

Manufacturer's warranty is void:

- in cases of violation of the rules of transportation, storage, degreasing and operation.

For supply issues, as well as for suggestions and wishes, please contact: **TD EPK LLC,**

Moscow, Tel.: +7 (495) 789-74-80 Fax: +7 (495) 789-74-81

www.epkgroun.ru

td@epkgroun.ru

Dear Customers, remember that compliance with the established requirements and performance of bearings depends on a number of factors: appropriate transportation, storage, mounting; compliance with the established operating modes and conditions, etc.