

## PRODUCT QUALIFICATION QUALIFICATION DE PRODUIT / ERZEUGNISQUALIFIKATION

|   |                        |
|---|------------------------|
| CERTIFICATE NO.<br>No DE CERTIFICAT<br>ZERTIFIKAT NR. | <b>PQ365 - Renewal</b> |
|---|------------------------|

This is to certify that the manufacturer / Ceci certifie que le fabricant / Hiermit wird bescheinigt, dass der Hersteller

|                        |                     |
|------------------------|---------------------|
| COMPANY NAME :         | Minebea Co Ltd      |
| NOM DE SOCIETE :       | 4106-73 Oaza Miyota |
| FIRMA :                | Kitasaku-Gun        |
|                        | 389-0293            |
|                        | Japan               |
| PLACE OF MANUFACTURE : |                     |
| LIEU DE FABRICATION :  | As above            |
| HERSTELLUNGSORT :      |                     |

has met the requirements of EN9133 in respect of the following standards:  
a satisfait les exigences de l'EN9133 en ce qui concerne les normes suivantes:  
die Forderungen der EN9133 erfüllt unter Berücksichtigung der folgenden Normen:

Approved under Report No : 1378-(R) – Minebea Co. Ltd. – Karuizawa Plant – Kitasaku-Gun (JP) PQ365 Dated: 17 Feb 2023  
Completed by ASD-CERT Auditor : Marko Matijas

| Applicable Standard<br>Norme applicable<br>Zutreffende Norm<br>& Publication Date | Standard Number | Designation (or<br>identifiers) | Products<br>Produits Erzeugnisse   |
|---|-----------------|---------------------------------|--|
| EN2755  | EN3048          | S12PA, S15PA                    | Aerospace series – Bearings, spherical plain in corrosion resisting steel with self-lubricating liner – Light series – Elevated load at ambient temperature – Dimensions and loads |

This certificate is valid / Ce certificat est valable / Dieses Zertifikat ist gültig

from 01-Dec-2022 until 01-Dec-2025

except if cancelled in the meantime / sauf si annulé entre-temps / sofern zwischenzeitlich nicht widerrufen



# ASD-CERT

Certification of Aerospace Standard Products

Rue Montoyer, 10  
1000 Brussels  
BELGIUM

Tel. +32 2 775 8126  
Fax +32 2 775 8131

## PRODUCT QUALIFICATION QUALIFICATION DE PRODUIT / ERZEUGNISQUALIFIKATION

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|---|----------------------|
| CERTIFICATE NO.<br>No DE CERTIFICAT<br>ZERTIFIKAT NR. | <b>PQ365 Renewal</b> |
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This is to certify that the manufacturer / Ceci certifie que le fabricant / Hiermit wird bescheinigt, dass der Hersteller

COMPANY NAME : Minebea Co Ltd  
NOM DE SOCIETE : 4106-73 Oaza Miyota  
FIRMA : Kitasaku-Gun  
389-0293  
Japan

PLACE OF MANUFACTURE :  
LIEU DE FABRICATION : As above  
HERSTELLUNGSORT :

has met the requirements of EN9133 in respect of the following standards:  
a satisfait les exigences de l'EN9133 en ce qui concerne les normes suivantes:  
die Forderungen der EN9133 erfüllt unter Berücksichtigung der folgenden Normen:

Approved under Report No : 895-(R) – Minebea Co. Ltd. – Karuizawa Plant – Kitasaku-Gun (JP) PQ365 Dated: 30 Jun 2020  
Completed by ASD-CERT Auditor : Volker Müncheberg

| Applicable Standard<br>Norme applicable<br>Zutreffende Norm<br>& Publication Date | Standard Number | Designation (or<br>identifiers) | Products<br>Produits Erzeugnisse   |
|---|-----------------|---------------------------------|--|
| EN2755  | EN3048          | S12PA                           | Aerospace series – Bearings, spherical plain in corrosion resisting steel with self-lubricating liner – Light series – Elevated load at ambient temperature – Dimensions and loads |
| EN2755  | EN3048          | S15PA                           | Aerospace series – Bearings, spherical plain in corrosion resisting steel with self-lubricating liner – Light series – Elevated load at ambient temperature – Dimensions and loads |

This certificate is valid until / Ce certificat est valable jusqu'au / Dieses Zertifikat ist gültig bis

01-Dec-2022

except if cancelled in the meantime / sauf si annulé entre-temps / sofern zwischenzeitlich nicht widerrufen

Christelle Festaud, ASD-CERT Secretary General  
331-476-57011 26 October 2020

# ASD-CERT

Certification of Aerospace Standard Products

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1000 Brussels  
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## PRODUCT QUALIFICATION / QUALIFICATION DE PRODUIT / ERZEUGNISQUALIFIKATION

CERTIFICATE NO.  
N° DE CERTIFICAT **PQ365**  
ZERTIFIKAT NR.

This is to certify that the manufacturer / Ceci certifie que le fabricant / Hiermit wird bescheinigt, dass der Hersteller

COMPANY NAME : MINEBEA Co., LTD.  
NOM DE SOCIETE : Rodend Manufacturing Division Karuizawa Factory  
FIRMA : 4106-73 Miyota-machi, Kitasaku-gun, Nagano 389-0293, JAPAN

PLACE OF MANUFACTURE : As above  
LIEU DE FABRICATION :  
HERSTELLUNGSORT :

has met the requirements of EN9133 in respect of the following standards:  
a satisfait les exigences de l'EN9133 en ce qui concerne les normes suivantes:  
die Forderungen der EN9133 erfüllt unter Berücksichtigung der folgenden Normen:

| Applicable Standard<br>Norme applicable<br>Zutreffende Norm | Products<br>Produits<br>Erzeugnisse | Report No.<br>Issue Date<br>ASD-CERT Mandated Body   |
|---|-------------------------------------|--|
| EN 2755   | EN3048S15PA &<br>EN3048S12PA        | Report N° 498 – 27 <sup>th</sup> October 2016:<br>for EN3048S15PA & EN3048S12PA<br>for MINEBEA<br>Heinrich HACKMANN, Airbus<br>Defence and Space |

This certificate is valid until / Ce certificat est valable jusqu'au / Dieses Zertifikat ist gültig bis

**DECEMBER 2019**

except if cancelled in the meantime / sauf si annulé entre-temps / sofern zwischenzeitlich nicht widerrufen

DATE :  
DATE : 13/12/2016  
DATUM :

PLACE :  
A : Brussels, Belgium  
ORT :

SIGNATURE : Patrick Terrier, Deputy Secretary General, +33 1 47 65 70 14  
SIGNATURE : On behalf of Christelle Festaud, Secretary General  
UNTERSCHRIFT :

