



SLOVENSKI STANDARD
SIST-TS ISO/TS 16281:2008/Cor 1:2009
01-december-2009

Rolling bearings - Methods for calculating the modified reference rating life for universally loaded bearings; Technical Corrigendum 1

Wälzlager - Dynamische Tragzahlen und nominelle Lebensdauer - Berechnung der modifizierten nominellen Referenz-Lebensdauer für Wälzlager; Korrektur 1

Roulements - Méthodes de calcul de la durée nominale de référence corrigée pour les roulements chargés universellement; Rectificatif Technique 1

Ta slovenski standard je istoveten z: **ISO/TS 16281:2008/Cor 1:2009**

ICS:

21.100.20 Kotalni ležaji Rolling bearings

SIST-TS ISO/TS 16281:2008/Cor 1:2009 en,fr

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TECHNICAL SPECIFICATION ISO/TS 16281:2008
TECHNICAL CORRIGENDUM 1

Published 2009-04-15

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION • МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ • ORGANISATION INTERNATIONALE DE NORMALISATION

Rolling bearings — Methods for calculating the modified reference rating life for universally loaded bearings

TECHNICAL CORRIGENDUM 1

Roulements — Méthodes de calcul de la durée nominale de référence corrigée pour les roulements chargés universellement

RECTIFICATIF TECHNIQUE 1

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Technical Corrigendum 1 to ISO/TS 16281:2008 was prepared by Technical Committee ISO/TC 4, *Rolling bearings*, Subcommittee SC 8, *Load Ratings and life*. <https://standards.iteh.ai/catalog/standards/sist/02b0fe6e-c850-401a-b77b-6f7939de6470/sist-ts-iso-ts-16281-2008-cor-1-2009>

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Page 7, 4.3.1.2

On the right-hand side of Equations (19) and (20), replace “ $(\cos \alpha)_i^{0,7}$ ” in the denominator with “ $(\cos \alpha)_i^{0,7}$ ”, in order for the equations to read as follows:

$$Q_{ci} = \frac{C_r}{0,407 Z (\cos \alpha)_i^{0,7}} \left(1 + \left\{ 1,044 \left(\frac{1-\gamma}{1+\gamma} \right)^{1,72} \left[\frac{r_i}{r_e} \left(\frac{2r_e - D_w}{2r_i - D_w} \right) \right]^{0,41} \right\}^{10/3} \right)^{3/10} \quad (19)$$

$$Q_{ce} = \frac{C_r}{0,389 Z (\cos \alpha)_i^{0,7}} \left(1 + \left\{ 1,044 \left(\frac{1-\gamma}{1+\gamma} \right)^{1,72} \left[\frac{r_i}{r_e} \left(\frac{2r_e - D_w}{2r_i - D_w} \right) \right]^{0,41} \right\}^{-10/3} \right)^{3/10} \quad (20)$$