INTERNATIONAL STANDARD ISO 6336-1:1996
TECHNICAL CORRIGENDUM 2

Published 1999-09-01

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

Calculation of load capacity of spur and helical gears — Part 1: Basic principles, introduction and general influence factors

TECHNICAL CORRIGENDUM 2

Calcul de la capacité de charge des engrenages cylindriques à dentures droite et hélicoïdale —

Partie 1: Principes de base, introduction et facteurs généraux d'influence

RECTIFICATIF TECHNIQUE 2

Technical Corrigendum 2 to International Standard ISO 6336-1:1996 was prepared by Technical Committee ISO/TC 60, *Gears*, Subcommittee SC 2, *Gear capacity calculation.*

Page 1, subclause 1.2

Replace the second line with the following:

"- spur or helical gears with transverse contact ratios less than 1,0;"

Page 8, clause 3

Replace the definition of m^* with the following:

"mass moment of inertia per unit facewidth referenced to line of action"

ICS 21.200 **Ref. No. ISO 6336-1:1996/Cor.2:1999(E)**

Page 16, subclause 4.1.7.4

Replace "K_a" with "K_A".

Page 32, subclause 6.5.1

In the fourth line, to "$vz_1 / 100\sqrt{u^2 / (1+u^2)}$" add "= 10".

Page 38, subclause 7.2.2

In the first line, before "$F_{\beta x}$" add "prior to running-in".

Page 52, subclause 7.6.2.1 b)

Replace "...of bearings [12), 15)]" with "...of bearings [14),15)]".

Page 57, figure 16

In each drawing, replace the number "1" with the letter "*l*".

Page 73, subclause 8.3.1

Replace the definition of f_{pb} with the following:

> "the larger of the base pitch deviations of pinion or wheel should be used; 50 % of this tolerance may be used when profile modifications compensate for the deflections of the teeth at the calculated load level [21)];"

Page 73, subclause 8.3.2

Replace title to "Transverse load factor from graphs".

Page 75, figure 27

Add "flame or induction hardened" to the surface hardened group.

Move the y_α value of 20 to the next line below.

Page 76, subclause 8.3.5.1 c)

Add "flame or induction hardened" to the first line, for equation 124.

Page 77, subclause 8.4

In the second paragraph, replace "table 6" with "table 7".

Page 77, table 7

In the first column, fourth row, replace "carburized" with "nitro-carburized".

Page 77, subclause 9.1

In the last sentence of the first paragraph, replace the last word "fast" with "fixed".

Page 80, subclause 9.3.1.1 a)

Replace "table 7" with "table 8" (twice).

Page 82, subclause 9.3.1.5 e)

In the first line, replace "$F_tK_A/b < 100$ N/m" with "$F_tK_A/b < 100$ N/mm".

Page 91, clause C.1

In the paragraph following equation (C.8), replace "χ_B" with "χ_β".