



A imagem pode diferir do produto. Veja a especificação técnica para mais detalhes.



TKBT 10

Belt tension meter

O medidor de tensão da correia é um instrumento portátil e fácil de usar, projetado para garantir desempenho ideal e longevidade da correia. Ele permite a medição precisa da frequência natural da correia e da tensão da correia em vários tipos de correias, incluindo correias em V, esteiras dentadas, esteiras nervuradas, correias de transmissão e esteiras transportadoras. Com seu sensor flexível de braço e acessórios opcionais, o instrumento é ideal para uso em tarefas de manutenção de cintos.

- Medição precisa da tensão da correia em Hertz (Hz) e da força de trum em Newton (N) ou libra-força (lbf)
- O pescoço flexível do sensor permite acesso a espaços confinados
- Acessórios opcionais para maior usabilidade (por exemplo, malha, tripé, sensor longo de pescoço de ganso)
- Armazena até 750 medidas distribuídas em 15 pastas
- Interface fácil de usar com suporte multilíngue
- Calibração de ponto zero para maior precisão

Overview

Dimensões

Dimensões do instrumento	150 x 80 x 38 mm
Comprimentos da sonda	145 mm (Sonda curta), ~900 mm (Sonda longa - Devido à bobina elástica, pode se alongar mais)
Dimensões da caixa (l x h x w)	530 x 85 x 180 mm

Propriedades

Aplicações recomendadas	Sistemas de esteira, sistemas HVAC, máquinas têxteis, equipamentos agrícolas	
Séries	Tensionamento da correia	
Método de medição	Medição da vibração natural da frequência da correia	
Sensores	Sensor óptico de medição	
Frequência de medição	10 – 900 Hz	
Resolução	<100 Hz: 0.1 Hz / >100 Hz: 1 Hz	
Medindo erro (porcentagem)	1 %	
Memória	750 posições de memória (15 pastas, 50 medições cada)	MB
Bateria	3 pilhas 1,5 V AA (LR 6)	
Duração da bateria	24 h	
Recursos de software	Múltiplos idiomas: inglês, alemão, espanhol, francês, italiano, holandês Calibração de ponto zero suportada	
Recursos especiais	Autocalibração Sensor óptico Medição tanto da tensão quanto da vibração 750 posições de memória	
Alarmes	Nenhum	
Exibição	Display LCD colorido de alto contraste gráfico, 55 x 43 mm	
Desligar automaticamente	Sim	
Peso do instrumento	300 g	
Material de carcaça	Plástico	
Colour	Blue Dark grey	
Degree of protection (IP)	IP 50	
Operating temperature range	0 – 50 °C	
Recommended storage temperature	-20 – 65 °C	
Relative humidity	10 – 95% RH, non-condensing	
Content	1x Belt tension meter 1x Short probe(TKBT 10-PS) 3x AA Batteries 1x QR code card 1x Carrying case (size X)	

Logistics

Product net weight	1.14 kg
eClass code	23-05-19-01
UNSPSC code	41112202

Compatible products

Spare part

Spare probe - short for Belt tension meter	TKBT 10-PS
--	----------------------------

Accessory

Accessory probe - long for Belt tension meter	TKBT 10-PL
---	----------------------------

Recommended product

Basic belt alignment, sidewall-mounted, red laser, 1 laser unit	TKBA 11
Belt alignment, sidewall-mounted, red laser, 2 laser units	TKBA 21
Belt alignment tool, sidewall-mounted, with green laser dual transmitter units and accessories	TKBA 31

Terms of use

By accessing and using this website / app owned and published by AB SKF (publ.) (556007-3495 · Gothenburg) ("SKF"), you agree to the following terms and conditions:

Warranty Disclaimer and Limitation of Liability

Although every care has been taken to assure the accuracy of the information on this website / app, SKF provides this information "AS IS" and DISCLAIMS ALL WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. You acknowledge that your use of this website / app is at your sole risk, that you assume full responsibility for all costs associated with use of this website / app, and that SKF shall not be liable for any direct, incidental, consequential, or indirect damages of any kind arising out of your access to, or use of the information or software made available on this website / app.

Any warranties and representations in this website / app for SKF products or services that you purchase or use will be subject to the agreed upon terms and conditions in the contract for such product or service.

Further, for non-SKF websites / apps that are referenced in our website / app or where a hyperlink appears, SKF makes no warranties concerning the accuracy or reliability of the information in these websites / apps and assumes no responsibility for material created or published by third parties contained therein. In addition, SKF does not warrant that this website / app or these other linked websites / apps are free from viruses or other harmful elements.

Third Party Services

When viewing YouTube content via the SKF website(s) (i.e. using [YouTube API Services](#)), you agree to be bound by the [YouTube Terms of Service](#).

Copyright

Copyright in this website / app copyright of the information and software made available on this website / app rest with SKF or its licensors. All rights are reserved. All licensed material will reference the licensor that has granted SKF the right to use the material. The information and software made available on this website / app may not be reproduced, duplicated, copied, transferred, distributed, stored, modified, downloaded or otherwise exploited for any commercial use without the prior written approval of SKF. However, it may be reproduced, stored and downloaded for use by individuals without prior written approval of SKF. Under no circumstances may this information or software be supplied to third parties.

This website /app includes certain images used under license from Shutterstock, Inc.

Trademarks and Patents

All trademarks, brand names, and corporate logos displayed on the website / app are the property of SKF or its licensors, and may not be used in any way without prior written approval by SKF. All licensed trademarks published on this website / app reference the licensor that has granted SKF the right to use the trademark. Access to this website / app does not grant to the user any license under any patents owned by or licensed to SKF.

Changes

SKF reserves the right to make changes or additions to this website / app at any time.