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web go for the seal requiring the best ratio load vs elastic spring back use soft plating types if allowed and possible select the biggest possible cross section for the given diameter use metal seal grades having the best mechanical properties even at high temperatures web the recommended seal materials for the inboard seal will be specified in the selection pages however when selecting a seal type it should be remembered that the operating pressure of the seal will be the difference between web seal selection and interchange tool user manual selection by specifications selection by part number competitor interchange seal category minimum maximum optional shaft diameter inch housing bore inch web material selection there are a wide range of choices when considering materials while designing a seal the material selection should begin with a careful analysis of the following environmental conditions temperature seal service life pressure vacuum fluid and chemical static or dynamic surfaces galvanic compatibility conductive web seal is enhanced by pressure or vacuum in the line elastomeric seal construction this seal selection guide is separated into four discrete sections gasket seals for couplings press seals for vic press valve seals for valves and general definition seal material selection section a gasket seals for couplings web 7 considerations for mechanical seal selection liquid identifying the exact liquid being handled is the first step in the seal selection process seal material must pressure pressure in the seal chamber and seal size determines the type of seal required balanced or unbalanced temperature web flowserve s mechanical seals product portfolio is one of the most comprehensive in the flow control industry explore a wide range of mechanical seals today industrial mechanical seals products flowserve web seal design choices include pusher metal bellows and elastomeric bellows a pusher mechanical seal utilizes a dynamic secondary seal or o ring that is responsible for sealing the fluid path between the pump shaft and the inside diameter of the rotating seal face web aug 28 2022 seals and o rings tubing washers viton viton is the more expensive option but it is a solution for applications exposed to extreme weather ozone and chemical degradation viton is a long lasting high performance fluorinated hydrocarbon rubber product most commonly used in o rings and seals web the latest features on seal selection easyclean information pack a new product from aesel that facilitates quick and effective cleaning find out how easyclean can benefit you with this short video and information pack get the brochure water saving technology a comparison of basic sealing methods web brochure mechanical seal technology and selection eagleburgmann web mechanical seal selection guide the complete cross reference for mechanical face seal replacement how to use this catalogue locate the manufacturer of the equipment the manufacturer listings are alphabetical refer to pages 7 13 identify the correct replacement seal the seals are arranged by shaft size from smallest to largest web timken seal selection tool user s manual 2019 the timken company 2 1 2 where to find the seal selection tool the seal selection tool is available under the engineering tools section on timken com or by clicking a link from a seal product page steps to access the tool 1 open timken com using a web browser fig 1 timken url 2 web use the simple online thermo scientific surestart selection guide to find the right septa and vial for your analysis thermo scientific surestart selection guide answer a few simple questions and our surestart selection guide will recommend the best septa cap and vial for your workflow web how to use seal selection tool the tool has been designed to make the task of finding the right seal for your application as easy as possible you can filter your search based on the criteria below type of seal select the type of seal required for your application web selection guide learn more about thermal microplate sealing and get answers to common questions ask for a free copy of the reference for optimal thermal microplate sealing this is a selection guide for thermal microplate seals yes dot tbd to be determined na not applicable web mechanical seal materials guide the correct seal face material is key to a happy seal mechanical seals are available in a variety of materials depending on the seals purpose by selecting the correct material for your pump seal it will last a lot longer prevent unnecessary maintenance and failures which material is the right for your environment web seal types o ring elastomers acrylonitrile butadiene nbr carboxylated nitrile xnbr ethylene propylene rubber epr epdm silicone q mq vmq pvmq hydrogenated nitrile hnbr hsn fluorocarbon fkm fluorosilicone fvmq tetrafluoroethylene propylene aflas perfluoroelastomer fkm chloroprene rubber cr butyl rubber web this seal selection guide is separated into four discrete sections gasket seals for couplings seals for vic press o rings for victaulic bolted split sleeve products and general definition seal material selection this publication web the dodge bearing seal selection guide provides seal selection for specific operating conditions for dodge ball and roller bearing product offerings environment application trident triple lip contact seal labyrinth high speed s 2000 imperial isaf end cover s 2000 imperial drop in triple tect seal usaf

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