

## SNLN 3024 + 24024 CC/W3



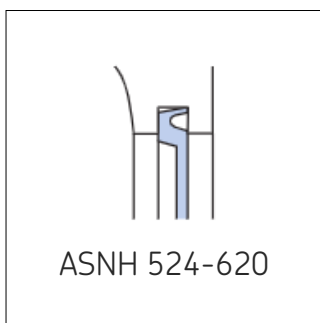
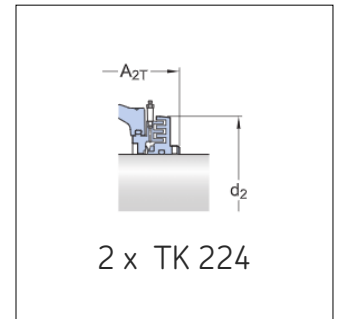
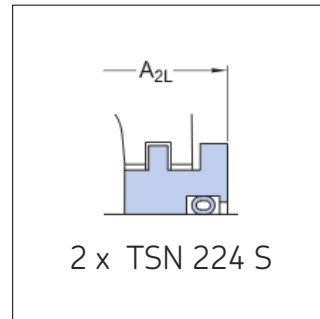
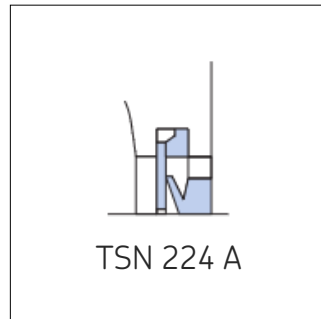
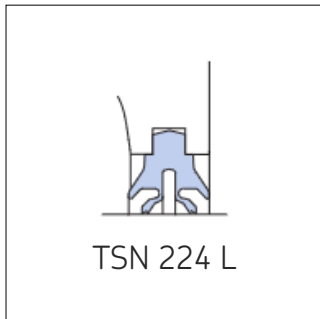
## Housing-bearing combination with accessories

The combination of SKF housings, bearings and accessories is an excellent choice for a customized, reliable and sustainable solution for your shaft arrangement. SKF has a wide range of high-quality housing designs and sizes to meet your specific challenge – including specially designed housings for special applications. The bearings reflect SKF's state-of-the-art technology, providing the highest-quality bearings. You need to buy each part in the combination separately.

- Many variants
- Customized combinations
- Cost-efficient
- Reliable
- Sustainable

# Technical Specification

## APPROPRIATE SEALS AND END COVER

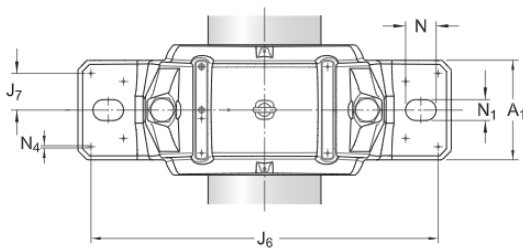
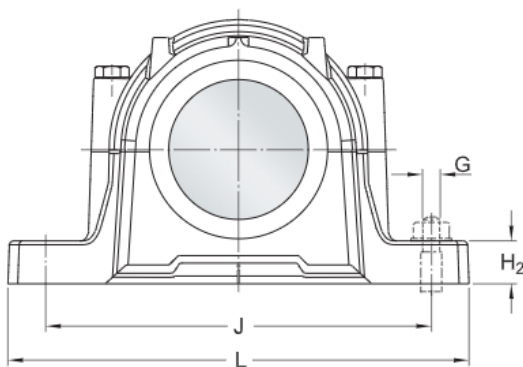
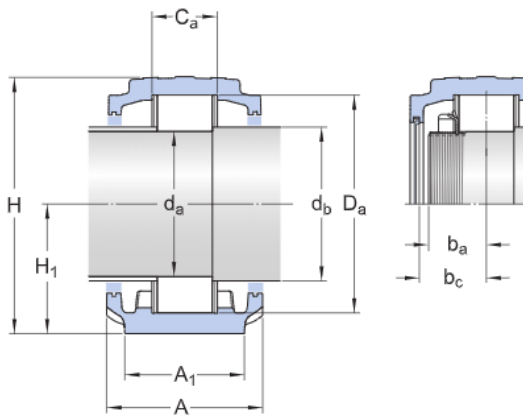


## Associated products

Housing	SNLN 3024
Bearing	24024 CC/W33
Lock nut	KM 24
Lock washer	MB 24
Locating ring	2 x FRB 5/180

## Dimensions

$d_a$	120 mm	Shaft diameter
$d_b$	135 mm	Shaft diameter
$C_a$	70 mm	Width of bearing seat
$D_a$	180 mm	Diameter of bearing seat
A	160 mm	Width



$A_1$	110 mm	Foot width
$H$	218 mm	Height
$H_1$	112 mm	Centre height of bearing seat
$H_2$	40 mm	Foot height
$J$	320 mm	Distance between attachment bolts
$L$	380 mm	Length
$N$	32 mm	Length of attachment bolt hole
$N_1$	26 mm	Width of attachment bolt hole

#### Shaft end

$b_a$	48 mm	Distance bearing centre line to shaft end
$b_c$	70 mm	Distance bearing centre line to end cover

#### Dowel pins

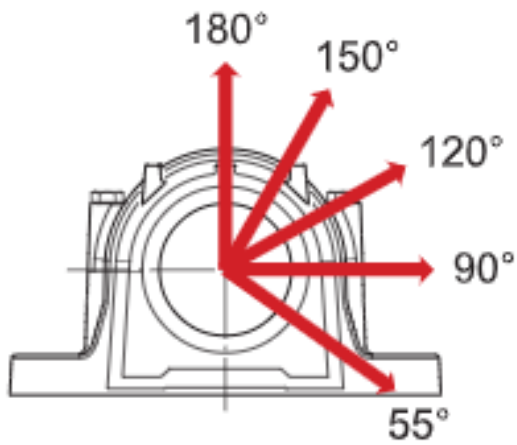
$J_6$	348 mm	Distance between dowel pins
$J_7$	39 mm	Axial offset of dowel pins
$N_4$	max. 8 mm	Diameter of dowel pins

#### Seals

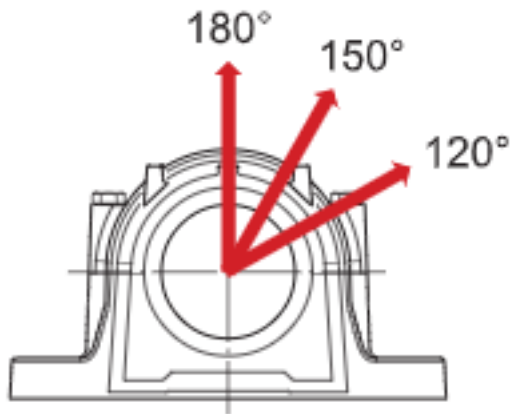
$A_{2l}$	180 mm	Width across labyrinth seals
$A_{2r}$	246 mm	Width across taconite seals
$d_2$	234 mm	Diameter of seal

#### Breaking loads, housing

$P_{55^\circ}$	520 kN	Breaking load
$P_{90^\circ}$	310 kN	Breaking load
$P_{120}$	230 kN	Breaking load
$P_{150}$	210 kN	Breaking load



$P_{180}$	260 kN	Breaking load
$P_a$	90 kN	Breaking load



### Yield point, cap bolts

$Q_{11}$	620 kN	Load carrying ability of cap bolts
$Q_{12}$	360 kN	Load carrying ability of cap bolts
$Q_{13}$	310 kN	Load carrying ability of cap bolts

### Mass

Mass housing	17.5 kg
--------------	---------

### Mounting information

Size of cap bolt	M 20 x 100
Recommended tightening torque for cap bolts	200 Nm
Recommended diameter for attachment bolts	G 24 mm
Recommended tightening torque for attachment bolts	665 Nm
Initial grease fill, 20%	250 g
Initial grease fill, 40%	450 g

# Terms and conditions

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.

## 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.