

- ( ubwKf d  
f l du,n: w





# bTgh

# bn g

### e CFh0BSCFl bur6B

t hBhFbf0hbFrBkQ BCx fhPkh 0

o hbFrBkChfhdu6BDFCdhGG 0

mll x2i c2o

o OcB Bg c0 e

OggD c0B e Dceg0B Oc

DB gDBe

S n oenzn Sn1

1a oenzn

-ev K ubwKfd fldun: w k O dul dnb  
Wl Kbd Tdwwn: l T,di Kpn puTpbfl T,di  
Kpn K ubwKfd fldun: w•(lhdul Tlw: nl T  
Kp diip pTdK dQd pdTwpn hdnT bwK  
npKfl wbf .li K T Kp dnh udT,d pdT

### o hbFrBkShbw FhG

#### 5hDbFbyfh0BP0BuhFdl bBkhbyfh

•(l wrdudf lip rpnl nKwpW-ev K ubwK  
fd fldun: wdu ,nK u( dn: ldf l k O

•(,wWl ,KlK w pbnKn: dnTT,w pbnKn:  
dnT d,nK ndnil ,nwrl i Kpnw

#### v0rbf0l r0bfkBl hBu

ol dun: wc ,K wr(luT (pbwn: c dwl uw  
k O idn diip pTdK ,n,Kd

,wd,; n lnK

#### v0hFShFhBdh0 u

-(dWlc dwl uw(dyl d: upbnTfpu Kpln  
df l dn,nK uWu ni, c , , lrx, r1c ,  
, rdL2Uhi L, x2 adxo, ) io) i hi VL  
ixU, xc io c , L, i1chil , xlrx,

I FvG0bf0hbFrBkG

srh 0



B c gDB



uDS c gDB

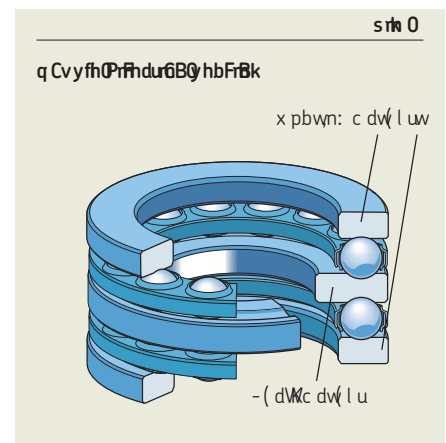
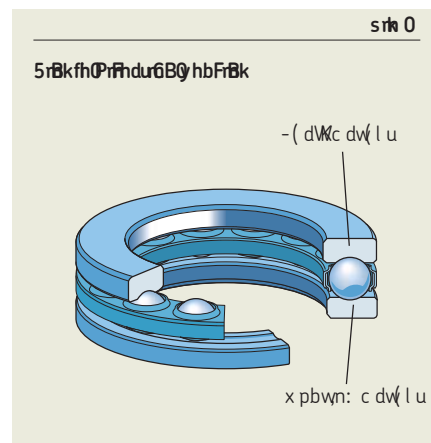
# r w BwPB dPuPBbw

## B ulbCB b ucwbi P i PuB w

i pnwKpVnl w dMc dw l u d (pbwn:  
c dw l u d n T f d dnTid: l dw f h  
**k 0**  
i dn diip pTdK dQd pdTwdnT pidK d  
w dMc dQd h ,n pnl T, u i Kpn pn h

# r Cci ulbCB b ucwbi P i PuB w

i pnwKpVnl w dMc dw l u K p (pbwn:  
c dw l u d n T K p f d dnTid: l dw f , l w  
**k 0**  
• ( l (pbwn: c dw l u d n T f d dnTid: l  
dw f , l w p T p b f l T, u i Kpn f l d n : w  
d u , T n K i d k p K p w b w T , n w n : l T, u i  
Kpn f l d n : w  
i dn diip pTdK dQd pdTwdnT pidK d  
w dMc dQd h ,n f p K T, u i Kpn w



# o PuB we b wD u CcwB ePw uw

i dn diip pTdK ,n,Kd ,wd,:n lnK  
du dyd,df l ,nfpK wn: l **kO** dnT  
Tpbfl T,u i Kpn Tl w: nw  
i dnfl bw Tkp: l K luc ,K d w(lu Tw dK  
c dv l udT.dil nKkp K l (pbwn: c dv lu  
**kO** pudT.dil nKkp d di(,nl ip rpnl nK  
dnbWfi kbud Tc ,K d w(lu Tw buWfi l

ArruprudK w(lu Tw dKc dv l uw bwKfl  
puTl u Tw rdudK h **DFCPvdUbyfhG**  
**DbkhO** dnT**DbkhO** slrl nT,n: pn K l  
fl dun: wul wK lh(dyl K l fdwi Tl w: nd  
Kpn fi. .U,,ry ih.de.c.ay r4hl a  
ob- di t6y mfm hi oa7i wami .wji 6i l .  
vsmi ti h.w cay cwmi t 1x l , i x2U  
800 45



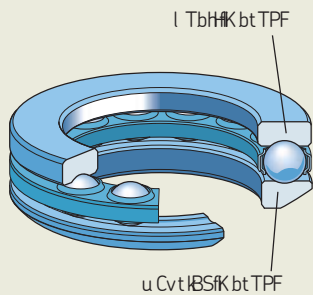
## pP w

l ysfTfvthc b fc PbFBStfbFPf-HHPefK kTfCBPfi  
ChfTPfdbSPtft TCK BfBf**byfhO** 5  
sCFbeekHCBb fBfCF bHCBfbc CvHfTPft vltb  
bckHfMChfcbSPt fiffPffHfCfr S **b.fDbkhO** 5

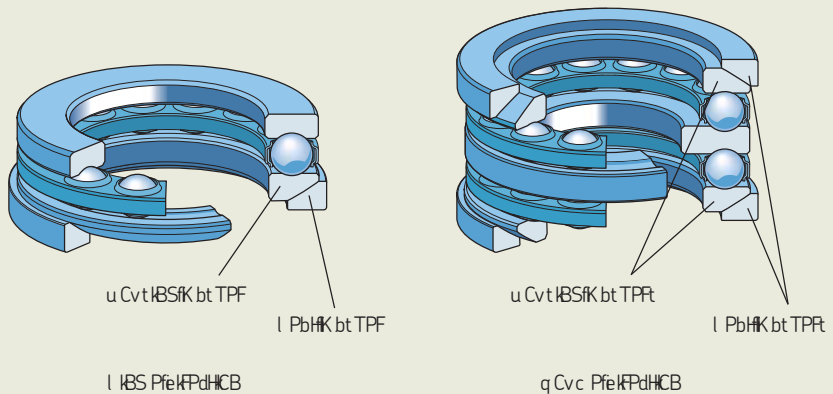
pbkhGCFU FvGQbffyhbFbkG

fi			
<b>pbkh0</b> <b>PhGdFdu6B</b>	l Hb( DPeftHPP .fcb fi dPBHPe	NbdTIBPefcFbtt.fcb fi dPBHPe	NbdTIBPeftHPP .fcb fi dPBHPe
<b>5vS L</b>	/	N	s

5rBkfhPrFhdur6BQhbFbk& rd QdEDI hFhPO  
l CvGrBk& bG hf



ohbFbkG& rd QdI hFhPO CvGrBk& bG hfG9bBPQdI hFhPOhbu& bG hfG9



o PuB PbP	dí Og FrBkG& rd 0 bu0 CvGrBk& bGl hFG	l FvG& bff0 hbFrBkG& rd 0DI hFhP0 CvGrBk& bGl hFG
q rfi hBG6B0 GubBPbFPG	0 B Sun a n z BAa u aSu nozazSn1Sú 0 1	ISO 91324
CfhFbBdhG  For additional information / <a href="#">Dbkh0</a>	Normal P3 or P4 on request (single direction bearings only)  Values: ISO 2 ( <a href="#">lbyfh0</a> , <a href="#">Dbkh0</a> ) Bearings in the BA series are not standardized→	Normal
ThFfl rGyfh0 fl r&bfikBfl hBu	Cannot tolerate any misalignment→	Accommodate only initial misalignment→



SCP w		5Ml yCfG
e r&bfil vfl 0CbP  For additional information / <a href="#">Dbkh0</a>	$F_{am} = A \left( \frac{n}{5} \right)^2$	A minimum load factor ( <a href="#">DFCPvd&amp;0byfhG</a> , <a href="#">Dbkh0</a> ) F <sub>a</sub> axial load [kN] F <sub>am</sub> minimum axial load [kN] n rotational speed [r5nin] P equivalent dynamic bearing load [kN] P <sub>1</sub> equivalent static bearing load [kN]
r EvrabfhBu0 PMBbfl rd0hbFrBk0 fCbP For additional information / <a href="#">Dbkh0</a>	$P = F_a$	
r EvrabfhBu0Guburd0 yhbFrBk0CbP For additional information / <a href="#">Dbkh0</a>	$P_1 = F_a$	

# D uPbc u bw

, , t, x 2L2 , rt, xi 2Uc t, xi dx, 1rx  
c, xdLcli l, ix2UL iol, 2 2) lW

c, ) 2 , oL2oi Ld l 22W1c, l, ix2U  
hiL, xLi o) li L  
c, iU  
c, Li chi L, xL  
c, dl x2i oc

, , x c t, xi dx, Lrdd 2, c, t, x 2L2 ,  
xi oU, ix, Tt, c) rod c Sb

# u wwi wD

•(l wrllTudK:n: w,n Kl udr T ht5 f  
,nT,i dK

Kl d do fu c(,i( lndf lwd  
tb,i dwlww lnKpVkl wrllTi drdf, ,Kl w  
Wp d Kl u d Wd l pWl WU nil  
Kl ho fu c(,i( ,wd li(dn,i d  
, ,Kk dKv pb TnpKfl l Qll Tl Tbn lww  
Kl fldun: Tl w: n dnT Kl drr, i dKpn du  
dTdrK T WU(, : (l uwrllTw

vpudTT,Kpnd ,nWU dKpn u Wukp F cdo  
d F cdaa So bf

## o hbFrBkQ bG hFGbBPQbffG

w, t, o) 2Uro c, 2L2, hiL, xLi o) li L  
r1 Sb c, xdLcli l, ix2ULix, , icLd l 22,) dt a

93 °C OF where d . 711 mm  
231 °C OF where d > 711 mm

## pbkhG

Steel and brass cages can be used at the same operating temperatures as the bearing washers and balls->

## 5hbUQ bG hFG

Seat washers are made of steel and can be used at the same operating temperatures as the bearing washers and balls->

## cvyFrdbBuG

For temperature limits of SKF greases, refer to [Selecting@SuitableSKF@grease, Dbkh0](#) ->

When using lubricants not supplied by SKF, temperature limits should be evaluated according to the SKF traffic light concept ([Dbkh0](#) )->

# mCc Bb B

(l u pbnK:n: d wn: l T, u i Kpn Kl ubwK  
fd fldun: ,K,w, rpuKdnKk T, WU nKdK  
fl K l ln Kl v dVkc dv l udnT Kl ( pbwn:  
c dv l u •(l fpul pVkl v dVkc dv l u, w  
: upbnT dnT d c dhww d luK dn Kl fpul pW  
Kl ( pbwn: c dv l u •(l v dVkc dv l u  
v pb T d c dhwf l r dil T d: d, nvKd v dVwK r  
pu T,) L, i 1c r tro, oc

