



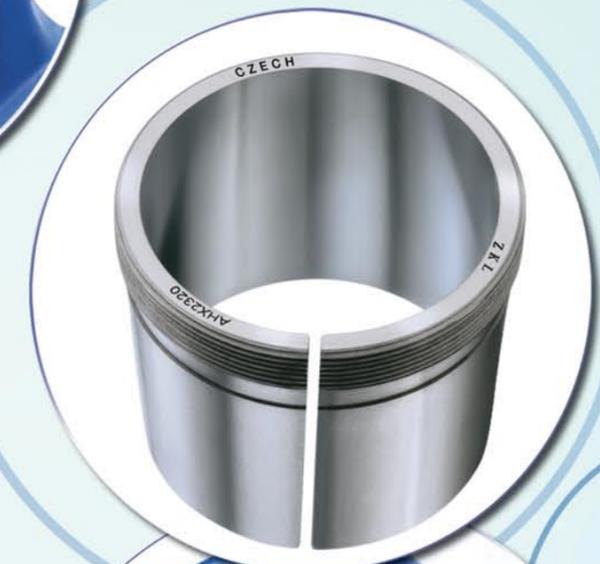
ZKL Bearings (India) Pvt. Ltd.

Bearing life does not depend only on bearing quality. There are other factors which are equally important, one of them is the quality sleeve (Adaptor or Withdraw). For the Bearing to achieve projected service life at least 80% contact in the Housing as well as the shaft is necessary. Hence the taper of the sleeve as well as the bore, with their concentricity and finishing along with perfect roundness, plays a great role in achieving the contact area parameter.

Imported ZKL Sleeves are manufactured from originally processed raw material and machined in CNC machines to achieve the required roundness and concentricity over and above the dimensional tolerance level so that contact area is fully maintained to provide projected service life to the Bearing.

ZKL Bearing Housing and Sleeve is an ideal combination to meet and enhance service life criteria of Bearings

N.B.: Beyond all sizes of sleeve (metric & inch) hydraulic type are also available.



Our range cover SN, SD, SAF, SOFN Housing.

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ZKL Bearings (India) Pvt. Ltd.

Maximum protection  
for maximum performance.  
Housing and sleeves from **ZKL**

## Internationally Superior Quality at Indian Price

Continuous improvement & product development are a never ending process in ZKL. In India, we are proud to launch a new generation bearing housing-SNG Series, which will not only replace the conventional series but also outperform them anyway on all counts. In simple words, this 'All in One' features a unique approach. The solution is to provide the right home for your bearings, which are high precision products.

The desired performances can be derived out of benefits as following

- Reduced inventory by eliminating too many variants of housing
- Easy Interchangeability
- Easy Installation
- Higher load carrying capacity
- Higher rigidity & life cycle
- Competitive pricing

SNG Series housings are available as a set containing high quality seals & Aluminium locating rings with optional Labyrinth seal.

### HOUSING

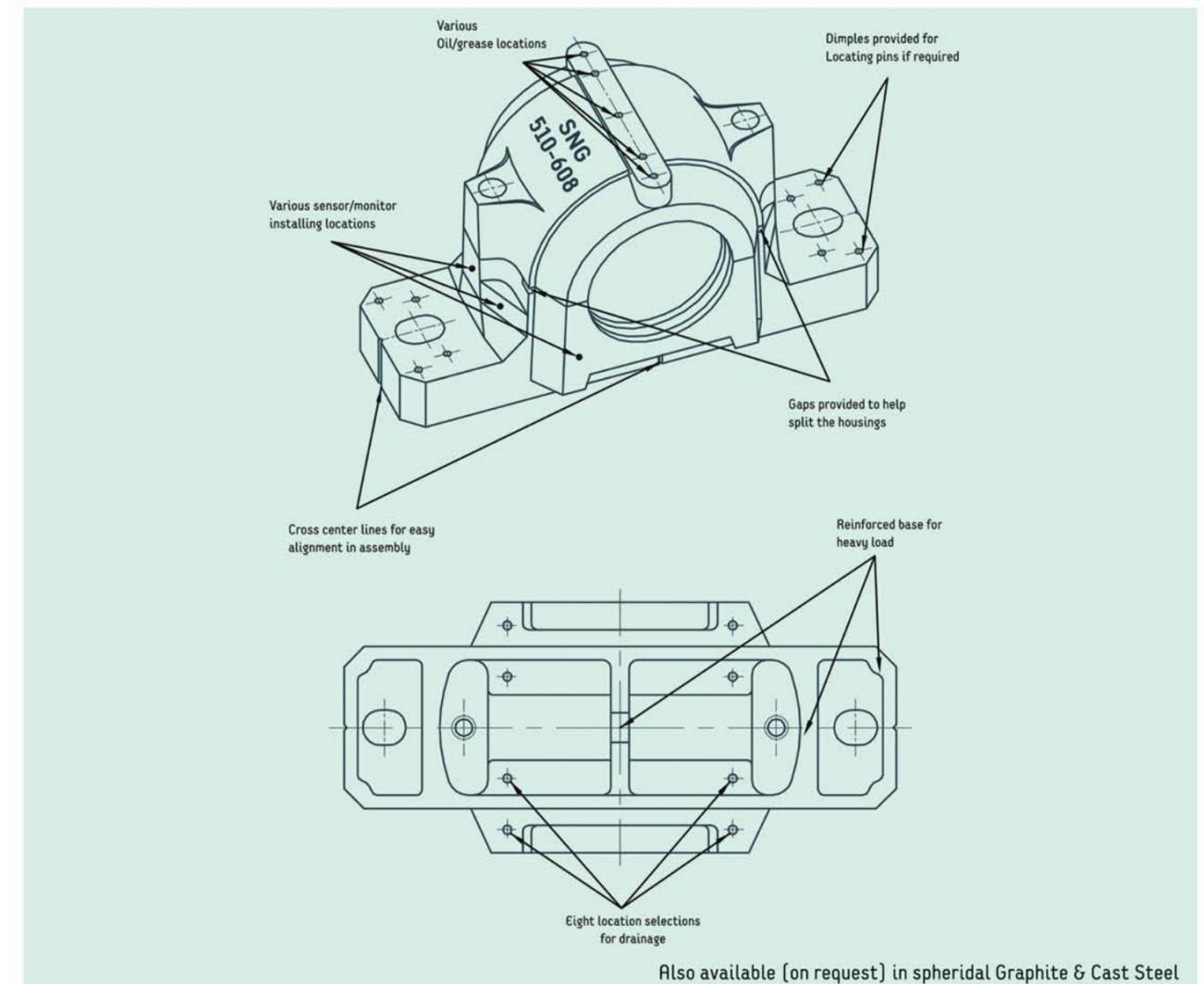
Material	Tensile Strength Kgf//mm sq	Yield Strength Kgf//mm sq	Elongation %	ISO code	U.S code
Cast Iron	20			Grade 200 [FG 200]	ASTM A48 Class No. 30 A
Ductile iron	45	30	10 Over	Grade 450 -10 [FCD 450]	ASTM A536 Grade 65-45-12
Carbon Cast Steel	46	23	19 Over	Grade 230 -450 [SC 460]	ASTM A27 Grade 65-35

### ACCESSORIES

Name	Part No	Materials
Hexagon Bolt	M/UNC	High Tensile 8.8
Felt Strip	FS	
ZF Seal	ZF	NBR
Locating Ring	SR	Aluminium
TA V-ring Seal kits	TSNA-A	NBR + Mild Steel Plate
Labyrinth Seal	TS, TSU/LER	Cast Iron/Aluminium
Double Lip Seal	TSNG	TPU
Taconite Carrier	TAC, TAU, TAG/TER	Cast Iron/Aluminium
SC Oil Seal	O.S.M	NBR
End plate	P	Mild Steel Plate
End Cover	TSA/ASNA	Cast Iron/NBR & Mild Steel Plate
End Plug	€PR	NBR & Mild Steel Plate
Eyw Bolt	W/M	Mild Steel AISI 1010

## SNG-The best solution to enhance bearing life and productivity and reduce inventory carrying cost.

Interchange with SNA, SNH, SNL, SNU Housing without compromising the load carrying capacity



### Main features:

- Housings are made by machine castings to grade ASTM - A 48 class No-30A/FG-200 Grade
- All the surface and edges are free from high/low spots appearing in straight plane/line
- No casting burrs and blow holes
- Centerline marking for easy and speedy alignment
- In-built dimples for easy location of -
  - ▶ Oil/grease nipples
  - ▶ Installation of vibration/temperature sensors or monitoring devices
  - ▶ Easy selection for drainage outlet
  - ▶ Locating pins for permanent positioning/alignment
- Flat machined base for better rigidity
- Bottom center rib carries higher load
- Screwdriver gap at center height for easy split of housing
- Special exterior design for greater mechanical strength
- High tensile bolts to protect housing against loosening due to vibrations and impact
- All the machining on CNC machines to ensure consistent, better quality and maintaining closer tolerances