

# SN Compatible Pedestal

**NEW**

- Dimensionally Interchangeable with SN 500 Housings
- Easier, Cost Effective Maintenance
- Superior Sealing Capability

Conversion from solid bearing to Cooper split roller bearings is easy.

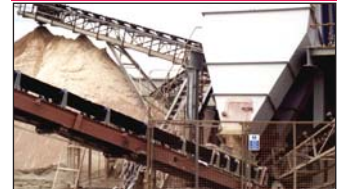
The SN compatible pedestal range offers the advantages of quick access, ease of change and low maintenance cost benefits of Cooper split bearing technology to both OEM's and end users.

COMPATIBILITY  
AND COMPETITIVE  
ADVANTAGE  
...IN THESE  
INDUSTRIES...  
...WITH PROVEN  
SOLUTIONS.

CEMENT & AGGREGATE INDUSTRIES



CONVEYORS AND MATERIALS HANDLING



FANS AND AIR MOVEMENT



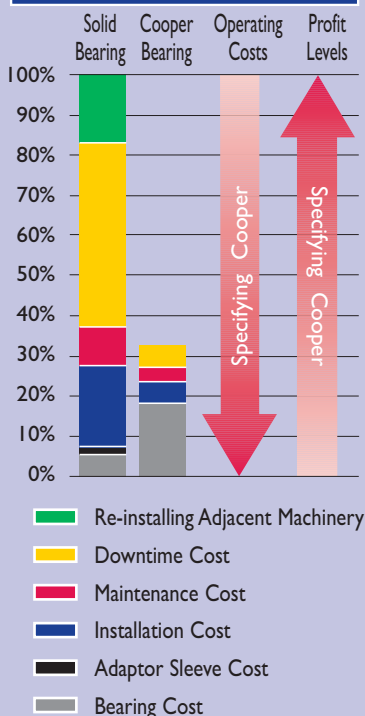
MINE WINDERS AND CONVEYORS



PETRO-CHEMICAL INDUSTRY



## Demonstrable Cost Savings



COMPLETELY SPLIT TO THE SHAFT



BS EN ISO 9001:1994

**COOPER**

A Supplier of Competitive Advantage

# THE NEW COOPER SN PRODUCT LINE

## SN Product Line

The housings have bolt hole centre distances and base to bearing centreline heights that conform to ISO 113-2. Complete SN assemblies are suitable for replacement of solid, self aligning ball bearings and, in most cases 222 Series double row spherical bearings, using adaptor sleeves, the Cooper SN compatible pedestal is available for bearings with shaft sizes from 60mm (SN513) to 140mm (SN532).

The pedestals use standard Cooper 01 Series bearings and cartridges. This gives the option of using

the comprehensive range of Cooper sealing options suitable for almost any application. The seals remain concentric to the shaft under misalignment conditions.

The use of standard Cooper bearings and cartridges will cause the footprint area and total housing height to differ from compatible SN housings.

Pedestals are made from grey cast iron. Temperature and vibration mounting points may be specified.

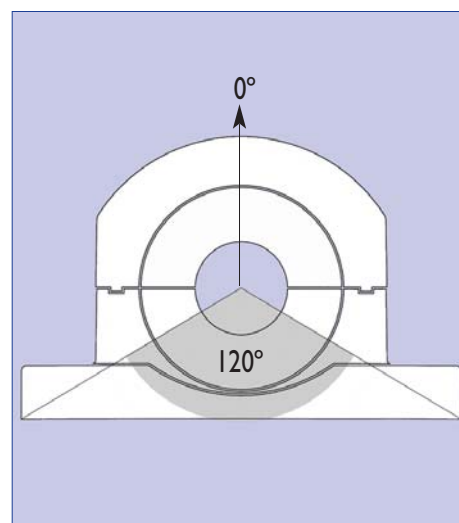
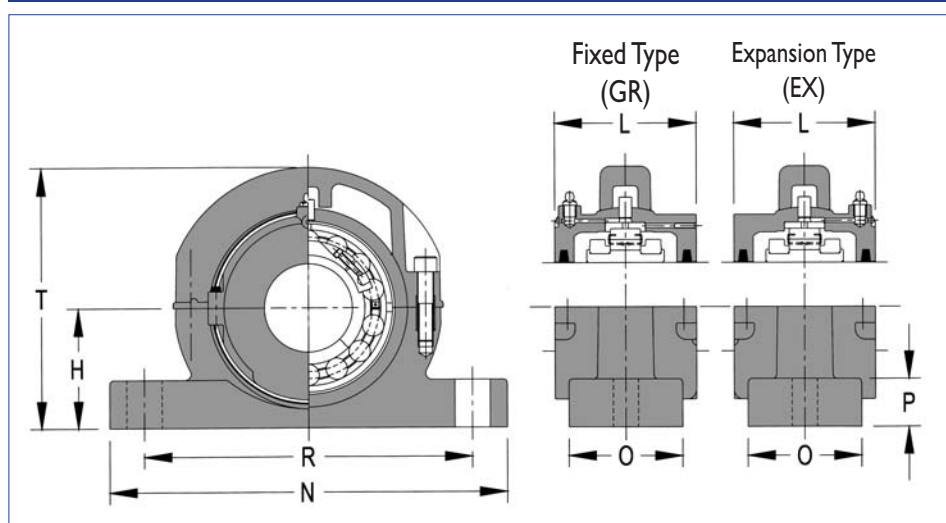
## Pedestal Loads

The maximum safe radial load for a pedestal casting is based on the bearing static rating  $C_{0r}$ . The full  $C_{0r}$  rating can be applied if the angle of the load falls within the shaded area of the diagram below.

If the load falls outside the shaded area or is greater than  $C_{0r}$ , please consult our technical department.

When considering suitability of pedestal castings, the resultant effective radial load must be used. The effective radial load is the resultant of net loads and appropriate dynamic factors, excluding speed and life factors.

## TECHNICAL SPECIFICATIONS



Shaft Size (mm)	Pedestal Only	SN Reference	Complete Assembly	H	R Min	R Max	Bolt Size	L	N	O	P	T
60	SNC513	513	01EBC SNC513 60mm	80	226	242	2 x M16	104	280	70	32	180
65	SNC515	515	01EBC SNC515 65mm	80	226	242	2 x M16	104	280	70	32	180
70	SNC516	516	01EBC SNC516 70mm	95	254	266	2 x M20	114	315	90	38	206
75	SNC517	517	01EBC SNC517 75mm	95	254	266	2 x M20	114	315	90	38	206
80	SNC518	518	01EBC SNC518 80mm	100	284	296	2 x M20	136	345	100	32	240
85	SNC519	519	01EBC SNC519 85mm	112	284	296	2 x M20	136	345	100	44	252
90	SNC520	520	01EBC SNC520 90mm	112	312	328	2 x M24	136	380	90	44	252
100	SNC522	522	01EBC SNC522 100mm	125	342	366	2 x M24	134	420	102	52	271
110	SNC524	524	01BC SNC524 110mm	140	344	356	2 x M24	142	410	120	45	310
115	SNC526	526	01BC SNC526 115mm	150	372	388	2 x M24	142	450	130	50	320
125	SNC528	528	01BC SNC528 125mm	150	414	426	2 x M30	156	500	150	50	360
135	SNC530	530	01BC SNC530 135mm	160	444	456	2 x M30	168	530	160	56	381
140	SNC532	532	01BC SNC532 140mm	170	462	478	2 x M30	168	558	178	41	391

Add EX for Expansion Type or GR for Fixed Type to reference.

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