

SN Compatible Pedestal

Imperial Version

NEW

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

Conversion from solid bearings 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



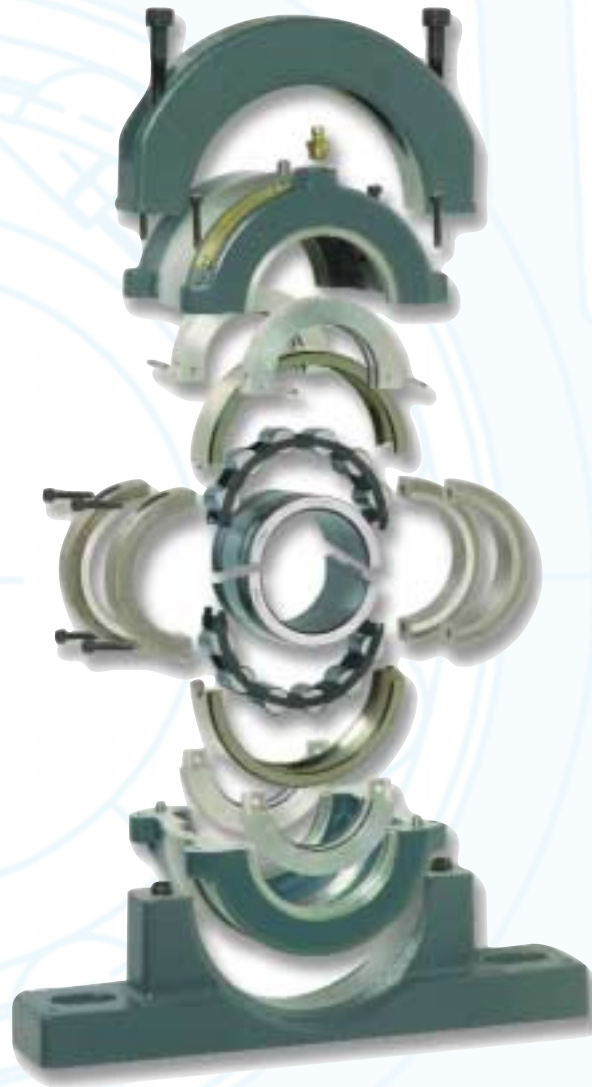
FANS AND AIR MOVEMENT



MINE WINDERS AND CONVEYORS

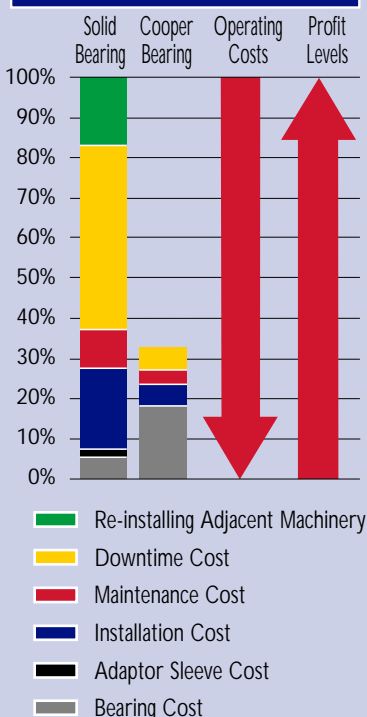


PETRO-CHEMICAL INDUSTRY



COMPLETELY SPLIT TO THE SHAFT

Demonstrable Cost Savings



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 2 1/4" (60mm) (SN513) to 5 1/2" (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.

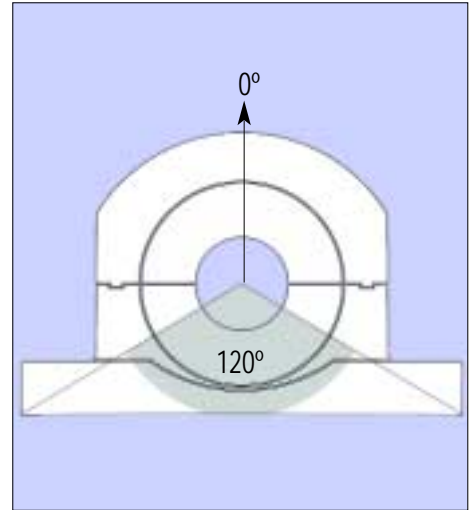
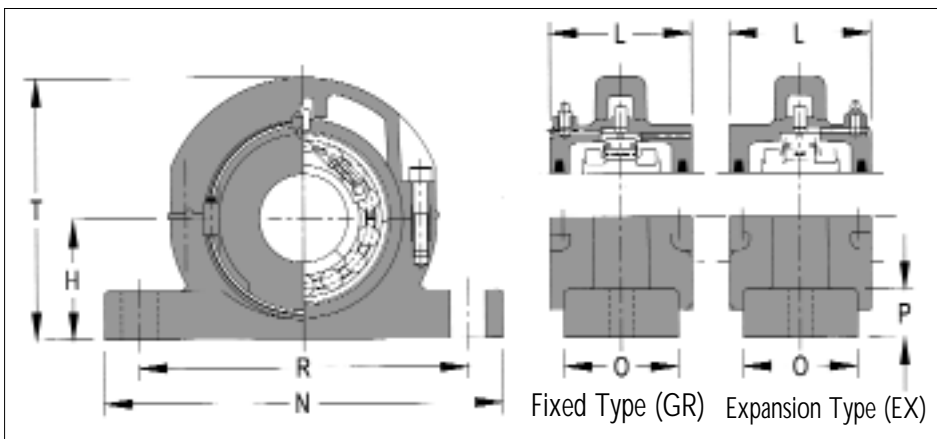
Pedestal Loads

The maximum safe radial load for a pedestal casting is based on the bearing static rating C_{OR} . The full C_{OR} 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_{OR} , 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 (inches)	Pedestal Only	SN Reference	Complete Assembly	H	R		Bolt Size	L	N	O	P	T
					Min	Max						
2 3/16 2 1/4	SNC513	513	01EBC SNC513 203 01EBC SNC513 204	3 5/32	8 7/8	9 1/2	2 x 5/8	4 3/32	11 1/32	2 3/4	1 1/4	7 3/32
2 7/16 2 1/2	SNC515	515	01EBC SNC515 207 01EBC SNC515 208	3 5/32	8 7/8	9 1/2	2 x 5/8	4 3/32	11 1/32	2 3/4	1 1/4	7 3/32
2 11/16 2 3/4	SNC516	516	01EBC SNC516 211 01EBC SNC516 212	3 3/4	10	10 15/32	2 x 3/4	4 1/2	12 13/32	3 35/64	1 1/2	8 7/64
2 15/16 3	SNC517	517	01EBC SNC517 215 01EBC SNC517 300	3 3/4	10	10 15/32	2 x 3/4	4 1/2	12 13/32	3 35/64	1 1/2	8 7/64
3 3/16 3 1/4	SNC518	518	01EBC SNC518 303 01EBC SNC518 304	3 15/16	11 3/16	11 21/32	2 x 3/4	5 23/64	13 37/64	3 15/16	1 17/64	9 29/64
* 85 ^{See Note}	SNC519	519	01EBC SNC519 85mm	4 13/32	11 3/16	11 21/32	2 x 3/4	5 23/64	13 37/64	3 15/16	1 3/4	9 59/64
3 7/16 3 1/2	SNC520	520	01EBC SNC520 307 01EBC SNC520 308	4 13/32	12 9/32	12 29/32	2 x 7/8	5 23/64	14 31/32	3 35/64	1 3/4	9 59/64
3 15/16 4	SNC522	522	01EBC SNC522 315 01EBC SNC522 400	4 15/16	13 15/32	14 13/32	2 x 7/8	5 1/4	16 17/32	4 1/64	2 3/64	10 11/16
4 3/16	SNC524	524	01BC SNC524 403	5 1/2	13 35/64	14 1/64	2 x 7/8	5 5/8	16 9/64	4 23/32	1 25/32	12 13/64
4 7/16 4 1/2	SNC526	526	01BC SNC526 407 01EBC SNC526 408	5 29/32	14 41/64	15 9/32	2 x 7/8	5 5/8	17 23/32	5 1/8	1 31/32	12 19/32
4 15/16 5	SNC528	528	01BC SNC528 415 01EBC SNC528 500	5 29/32	16 19/64	16 25/32	2 x 1 1/4	6 1/8	19 11/16	5 29/32	1 31/32	14 11/64
5 3/16	SNC530	530	01BC SNC530 503	6 19/64	17 31/64	17 61/64	2 x 1 1/4	6 5/8	20 55/64	6 19/64	2 13/64	15
5 7/16 5 1/2	SNC532	532	01BC SNC532 507 01EBC SNC532 508	6 11/16	18 3/16	18 13/16	2 x 1 1/4	6 5/8	21 31/32	7	1 39/64	15 25/64

Add EX for Expansion Type or GR for Fixed Type to reference. * No Imperial Equivalent Shaft Size.

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