



# ***HIGH-TEMPERATURE DEEP GROOVE BALL BEARINGS FROM CONSOLIDATED***

Consolidated Bearings Company is pleased to offer a comprehensive product line of Deep Groove Ball Bearings.

Ideal for high-temperature applications that can withstand the demands of severe operating environments, our HT270 bearings come with a specialized source coating, increased internal clearance, and lubrication for temperatures between -30°C and 270°C.

The Consolidated HT270 series can be supplied with the following configurations: open, sealed (2RS) or shielded (ZZ).

Along with our HT270 series, we also offer the following high temperature bearings: HT150, HT200, HT250, ZZ HT270 (Shielded), HT330 and ZZHT330 (Shielded).

The high-temperature range of deep groove ball bearings from Consolidated are the ideal solution for use in harsh operating environments and for applications where contaminants are prevalent.

## ***PRODUCT APPLICATION***

*Steel and Metals Manufacturing, Industrial Ovens,  
Glass Manufacturing, Food and Beverage Industry,  
Paper Industry, plus many more!*

## ***HIGHLIGHTS***

*Sealed & lubricated for the life of the bearing  
Manganese phosphate coating to increase corrosion resistance  
Supplied with metal ribbon cages  
Increased radial clearance*

# MORE ABOUT CONSOLIDATED HIGH TEMPERATURE DEEP GROOVE BALL BEARINGS:



## SEALING:

All sealed bearings are supplied lubricated for the life of the bearing. The addition of seals or shields adds greater protection against contaminants. This protection should prolong the bearing life, while reducing replacement costs and preventing failures.

## SURFACE COATING:

Our High Temperature bearings are supplied with a Manganese Phosphate coating to increase corrosion resistance.

## CAGE:

All Consolidated high temperature bearings are supplied with metal ribbon cages. This cage type is applicable to vibration and oscillating loads, in addition to increasing bearing life when exposed to high temperatures.

## CLEARANCE:

Consolidated's high temperature bearings have an increased radial internal clearance, required to accommodate higher operating temperatures.

## THE FOLLOWING SIZES ARE IN STOCK AND AVAILABLE FOR IMMEDIATE SHIPMENT:

|  |   |
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| CONS P/N: 6000-ZZ HT270-C (I.D. 10MM X O.D. 26MM X WIDTH 8MM)  | CONS P/N: 6208-ZZ HT270-C (I.D. 40MM X O.D. 80MM X WIDTH 18MM)  |
| CONS P/N: 6001-ZZ HT270-C (I.D. 12MM X O.D. 28MM X WIDTH 8MM)  | CONS P/N: 6209-ZZ HT270-C (I.D. 45MM X O.D. 85MM X WIDTH 19MM)  |
| CONS P/N: 6002-ZZ HT270-C (I.D. 15MM X O.D. 32MM X WIDTH 9MM)  | CONS P/N: 6210-ZZ HT270-C (I.D. 50MM X O.D. 90MM X WIDTH 20MM)  |
| CONS P/N: 6003-ZZ HT270-C (I.D. 17MM X O.D. 35MM X WIDTH 10MM) | CONS P/N: 6211-ZZ HT270-C (I.D. 55MM X O.D. 100MM X WIDTH 21MM)   |
| CONS P/N: 6004-ZZ HT270-C (I.D. 20MM X O.D. 42MM X WIDTH 12MM) | CONS P/N: 6212-ZZ HT270-C (I.D. 60MM X O.D. 110MM X WIDTH 22MM)   |
| CONS P/N: 6005-ZZ HT270-C (I.D. 25MM X O.D. 47MM X WIDTH 12MM) | CONS P/N: 6300-ZZ HT270-C (I.D. 10MM X O.D. 35MM X WIDTH 11MM)  |
| CONS P/N: 6006-ZZ HT270-C (I.D. 30MM X O.D. 55MM X WIDTH 13MM) | CONS P/N: 6301-ZZ HT270-C (I.D. 12MM X O.D. 37MM X WIDTH 12MM)  |
| CONS P/N: 6007-ZZ HT270-C (I.D. 35MM X O.D. 62MM X WIDTH 14MM) | CONS P/N: 6302-ZZ HT270-C (I.D. 15MM X O.D. 42MM X WIDTH 13MM)  |
| CONS P/N: 6008-ZZ HT270-C (I.D. 40MM X O.D. 68MM X WIDTH 15MM) | CONS P/N: 6303-ZZ HT270-C (I.D. 17MM X O.D. 47MM X WIDTH 14MM)  |
| CONS P/N: 6009-ZZ HT270-C (I.D. 45MM X O.D. 75MM X WIDTH 16MM) | CONS P/N: 6304-ZZ HT270-C (I.D. 20MM X O.D. 52MM X WIDTH 15MM)  |
| CONS P/N: 6010-ZZ HT270-C (I.D. 50MM X O.D. 80MM X WIDTH 16MM) | CONS P/N: 6305-ZZ HT270-C (I.D. 25MM X O.D. 52MM X WIDTH 17MM)  |
| CONS P/N: 6011-ZZ HT270-C (I.D. 55MM X O.D. 90MM X WIDTH 18MM) | CONS P/N: 6306-ZZ HT270-C (I.D. 30MM X O.D. 72MM X WIDTH 19MM)  |
| CONS P/N: 6012-ZZ HT270-C (I.D. 60MM X O.D. 95MM X WIDTH 18MM) | CONS P/N: 6307-ZZ HT270-C (I.D. 35MM X O.D. 80MM X WIDTH 21MM)  |
| CONS P/N: 6200-ZZ HT270-C (I.D. 10MM X O.D. 30MM X WIDTH 9MM)  | CONS P/N: 6308-ZZ HT270-C (I.D. 40MM X O.D. 90MM X WIDTH 23MM)  |
| CONS P/N: 6201-ZZ HT270-C (I.D. 12MM X O.D. 32MM X WIDTH 10MM) | CONS P/N: 6309-ZZ HT270-C (I.D. 45MM X O.D. 100MM X WIDTH 25MM)   |
| CONS P/N: 6202-ZZ HT270-C (I.D. 15MM X O.D. 35MM X WIDTH 11MM) | CONS P/N: 6310-ZZ HT270-C (I.D. 50MM X O.D. 110MM X WIDTH 27MM)   |
| CONS P/N: 6203-ZZ HT270-C (I.D. 17MM X O.D. 40MM X WIDTH 12MM) | <p><b>CAN'T FIND THE BEARING THAT YOU ARE LOOKING FOR?<br/>PLEASE CONTACT US TO LEARN MORE ABOUT OUR WIDE RANGE OF HIGH TEMPERATURE BEARINGS.</b></p> |
| CONS P/N: 6204-ZZ HT270-C (I.D. 20MM X O.D. 47MM X WIDTH 14MM) |   |
| CONS P/N: 6205-ZZ HT270-C (I.D. 25MM X O.D. 52MM X WIDTH 15MM) |   |
| CONS P/N: 6206-ZZ HT270-C (I.D. 30MM X O.D. 62MM X WIDTH 16MM) |   |
| CONS P/N: 6207-ZZ HT270-C (I.D. 35MM X O.D. 72MM X WIDTH 17MM) |   |