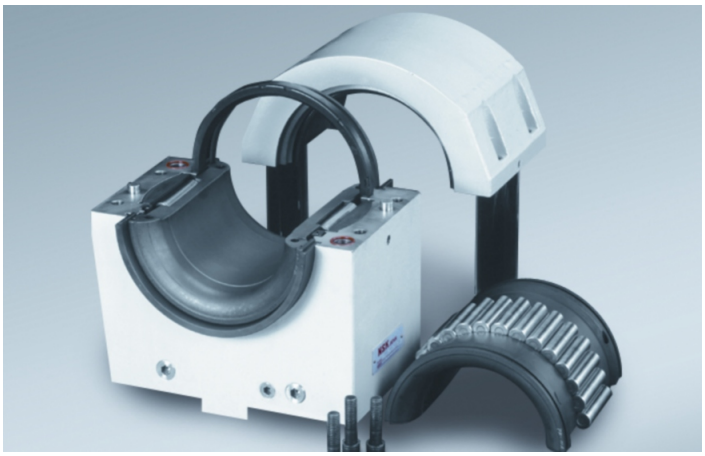
MOTION & CONTROL™
NSK

INNOVATION
Long-Life Split Cylindrical Roller Bearing Units

NSK's Long-Life Split Cylindrical Roller Bearing Units for segmented drive rolls in continuous casting machines.



Product Features

› Special seal configuration.
› Longer cylindrical rollers by as much as 30%.
› Newly designed labyrinth ring.
› Improved load rating capacity.

Product Benefits

› Reduces misalignment of the continuous casting rolls.
› Service life increased by twofold, as bearing capacity is increased.
› Enhanced sealing prevents grease leakage.
  › Special seal configuration incorporates a main lip and an auxiliary lip.
› Intrusion of water and iron oxide particles into the bearing's interior is prevented.
› Special capability for oil air lubrication:
  › Oil-Air lubricating performance improved.
  › Specially designed labyrinth ring has a non-contact sealing structure.
  › Pressure inside the chock and retention of initial oil are well maintained.

Condition Description:

- ☑ Misalignment
- ☑ Load capacity
- ☑ Grease leakage
- ☑ Wet conditions
- ☑ Dust contamination

Applications:

› Steel Machinery