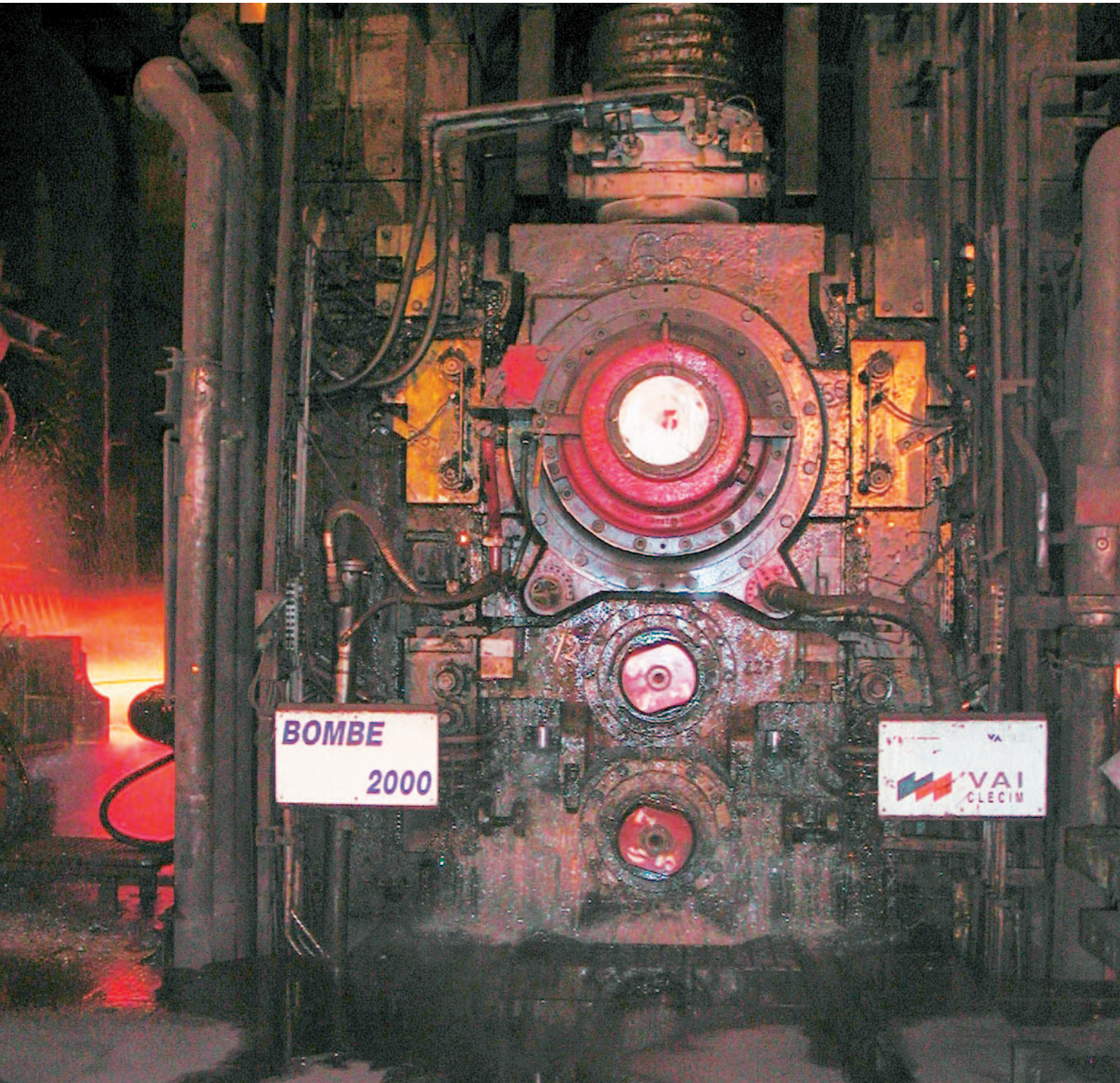


Bearings in Work Roll Arrangement of the 7-Stand Hot-Strip Mill with Bending

FAG

Examples of Application Engineering

WL 17 526 EA



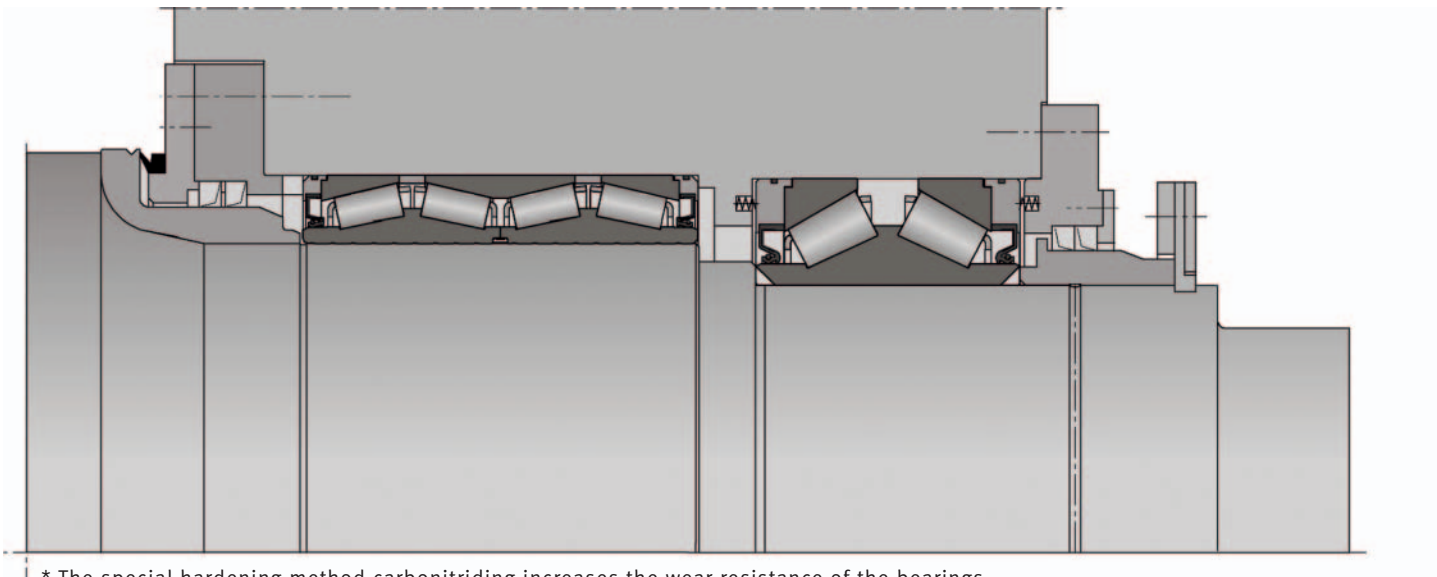
Manufacturer: VAI CLECIM, France

User: Arcelor Méditerranée Fos-sur-Mer, France

Courtesy: Arcelor Méditerranée Fos-sur-Mer

SCHAEFFLER GROUP
INDUSTRIAL

Sealed carbonitrided* tapered roller bearings for work rolls of the stands F1 to F4

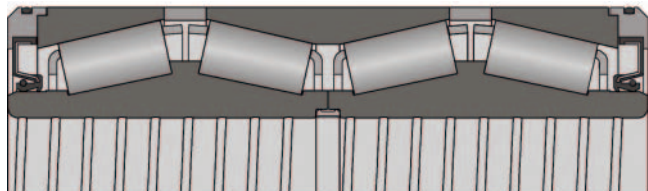


* The special hardening method carbonitriding increases the wear resistance of the bearings.

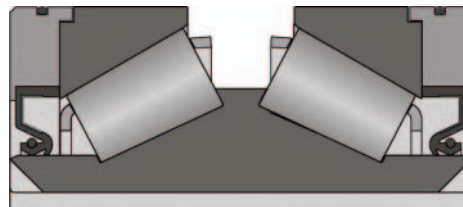
Operating data

Bending force	max. 1962 kN
Work roll diameter	777 mm
Roll body length	2 286 mm
Rolling speed	1,6–12 m/s (Stands F1 to F4)

Radial bearing



Thrust bearing



Four-row sealed tapered roller bearing

F-802260.TBR-H122AK-W72D-J44

Bore	482,60 mm
Outer diameter	615,95 mm
Width	385,00 mm

Sealed double-row tapered roller bearing

Z-575692.TBA

Bore	380,00 mm
Outer diameter	592,00 mm
Width	260,00 mm

Lubrication, Sealing

The bearings can be greased with a high quality FAG rolling bearing grease, e. g. Arcanol LOAD220. The seals on both sides of the bearings (elastic sealing lip + additional protective lip) prevent the grease from escaping and offer additional protection of the bearings' functional areas from contamination.

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