

Work Roll Bearing Arrangement of a 7-Stand Finishing Section of a Hot Strip Mill

FAAG

Examples of Application Engineering

WL 17 516 GB-D



Manufacturer: United, USA (Stand 1 to 6)
Davy Loewy, Great Britain (Stand 7)
Operator: Corus Strip Products IJmuiden, Netherlands

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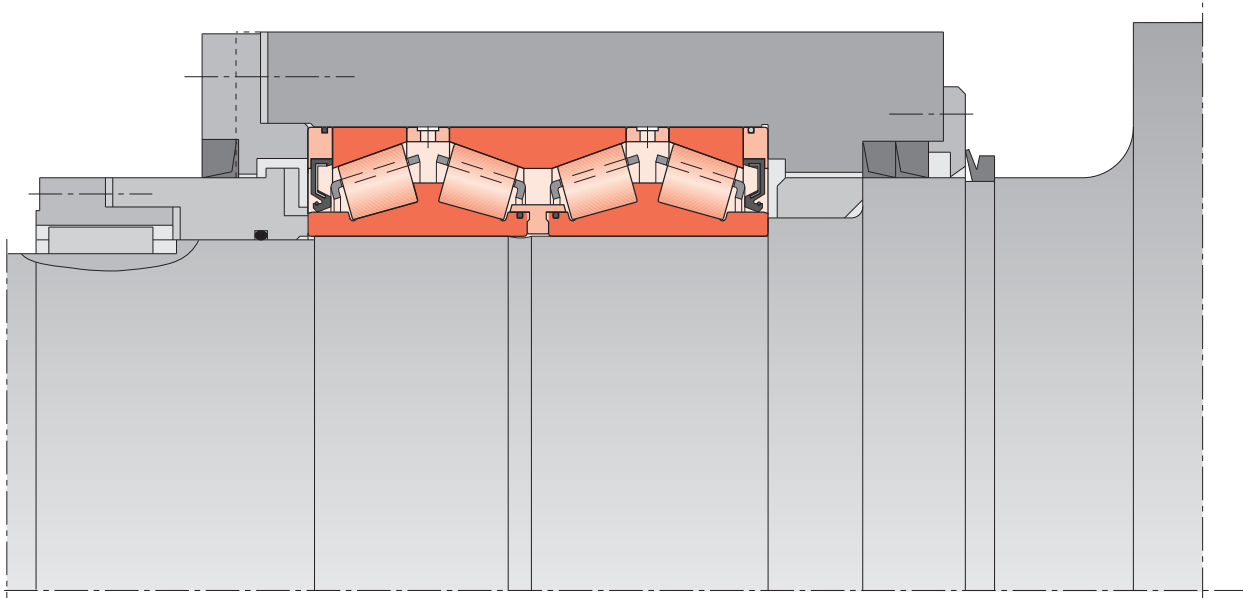
Roll bearing arrangement

The rolls are supported on both ends in sealed four-row tapered roller bearings FAG F-802007-H122BH (563681A).

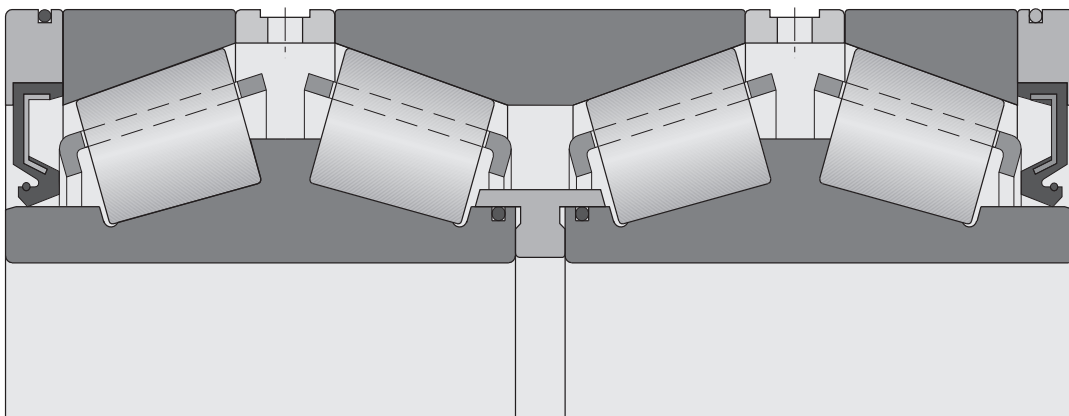
Operating data

Roll body diameter	736 mm
Roll length	2 235 mm
Rolling speed (Stand 1...7)	3,5–20 m/s

Bearing arrangement of a work roll with sealed four-row tapered roller bearing



Four-row tapered roller bearing FAG F-802007-H122BH



Dimensions

Bore	d 482,6 mm
Outside diameter	D 615,95 mm
Width	B 330,2 mm

The FAG 509099A bearings used so far have the same dimensions.

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