Precision Made in Germany

Kugel- und Rollenlagerwerk Leipzig GmbH - Germany
Since 1904

Heavy Industry – Steel Mill Applications

20 High Rolling Mills with high rolling forces are mainly used for stainless steel and Si grades.

KRW Cylindrical Roller Bearings (CRB) for Back Up Rolls have case hardened outer rings

Clients for KRW Back Up Roll Bearings
TISCO - China   Sundwig Mill - CRB KRW 33.06.05 and CRB KRW 33.06.06 70 x 160 x 90   (FAG 566567)
Jindal - India   Sundwig Mill CRB   KRW 33.12.04 and CRB KRW 33.09.06 100 x 225 x 120 (FAG801644) Same bearings is also supplied to NLMK Russia
ZAPP – Germany & USA CRB KRW 33.12.07 130 x 300.02 x 172.64 (FAG 512497) BAOSTEEL - China   MHM HZ-Mill (on trial) CRB KRW 33.17.05 180 x 406.42 x 171.04 (KOYO 36DC41171 - FAG 527502)

Heavy Industry - Steel Mill Applications

OEM

KRW Bearings are supplied as Original Equipment in cold rolling mill systems designed and manufactured by Andritz Sundwig, Germany

ANDRITZ SUNDWIG

| Applications |
| --- |
| Work roll bearings in S4 high and S6 high stands |
| Intermediate rolls and back – up – roll bearings in S4 – high and S6 – high stands |
| Back – up bearings in 20 high Z-mills |

Heavy Industry - Steel Mill Applications

Cold rolling mills

One of the most outstanding products in the KRW portfolio are special bearings for S4 and S6-high rolling mills.

These mills are increasingly used for stainless steel strip rolling, either as in-line tandem mill for cold rolling or in the entry section of hot-strip stainless steel annealing and pickling lines to roll black hot strip with highest pass reductions and simultaneous improvement of the strip shape.
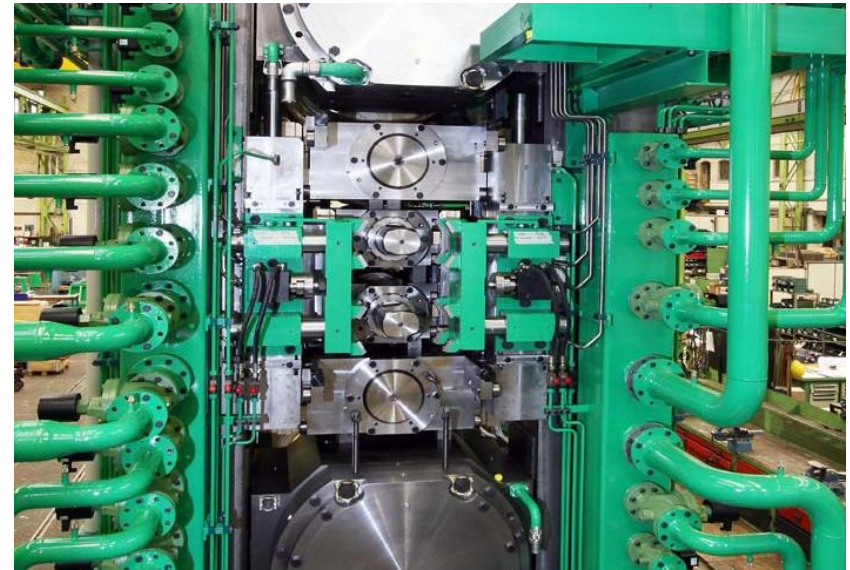
Clients using KRW bearings
NOVOLIPETSK STEEL (NLMK) - Russia CRB KRW 12.67.01
VIZ Stal – Russia - CRB KRW 12.67.01
AST Thyssen - Italy - CRB KRW 12.69.01
Thyssen Krupp Stainless Steel - Germany CRB KRW 12.81.01
TISCO - China - CRB KRW 12.54.01
JSW - Jindal - India - CRB KRW 12.69.01

Heavy Industry – Steel Mill Applications

Heavy Industry - Steel Mill Applications