Buderus Edelstahl GmbH
Dillfeld 40, 35576 Wetzlar

**Buderus** | Edelstahl

# NJSB Tag No. 1815

Inspection certificate
EN 10204-3.1

Certificate No.
426668/1

Our Reference No. Pos.
518670 6

Stempel des Abnahmebeauftragten
Inspectors Stamp

**Heat No.**
**32128**

| | |
|---|---|
| **Melting process** | Electric steel |
| **Casting method** | Ingot casting |
| **Material Grade** | 80CrV2 |
| **Steel gr.no.** | 2235 |
| **Production order** | 4391962 |
| **Shipment no./Date** | 6021771813/17.05.2023 |
| **Invoice No./Date** | 6035012045/15.06.2023 |
| **Material description** | : **Hot rolled strip skin passed** |
| **Customer Order-No.** | : PO247 |
| **Specification** | : Analysis:<br>C 0.75 - 0.85 %<br>Si 0.15 - 0.35 %<br>Mn 0.30 - 0.50 %<br>P max. 0.025 %<br>S max. 0.020 %<br>Cr 0.40 - 0.60 %<br>Ni max. 0.40 %<br>Mo max. 0.10 %<br>V 0.15 - 0.25 % |
| **Dimension** | : 6.73 x 406.40 x 1,219.20 mm (.265 x 16.00 x 48")<br>thickness tolerance +0.075 /-0.075 mm (+/- .003")<br>width tolerance +4.68 /-0.00 mm (+.184/-0")<br>length 1,224.50 mm +12.00 / -0.00 mm (48,2 +.47/-0") |

**Chemistry Analysis (% - H [Hydrogen] in ppm)**

| | C | Si | Mn | P | S | Cr | Ni | Mo |
|---|---|---|---|---|---|---|---|---|
| 32128 | 0.820 | 0.284 | 0.397 | 0.0060 | 0.0014 | 0.532 | 0.117 | 0.029 |
| | V | | | | | | | |
| | 0.160 | | | | | | | |

**Hardness Test**

| | | |
|---|---|---|
| K1962 | HBW: | 657.8 MPa |
| | HBW: | 656.1 MPa |

We confirm, the material contains no radioactive contamination, that exceeds the natural values. The relevant legal requirements are kept.

Certificate is prepared by EDP-System and is valid without signature.
We hereby certify, the above mentioned material is in accordance with the terms of the order.

| Approval & Certification | **Manufacturer** Works inspector | | Page 1 of 1 |
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