

Wheel Mounted Disc – Split Version



Description :

The wheel mounted brake disc (WMD) RA680G is the split version of the standard WMD R680G.

It performs exactly like the unsplit version in terms of thermal capacity, mechanical strength and friction behaviour.

The split design allows exchange of worn discs without disassembly of the wheelsets.

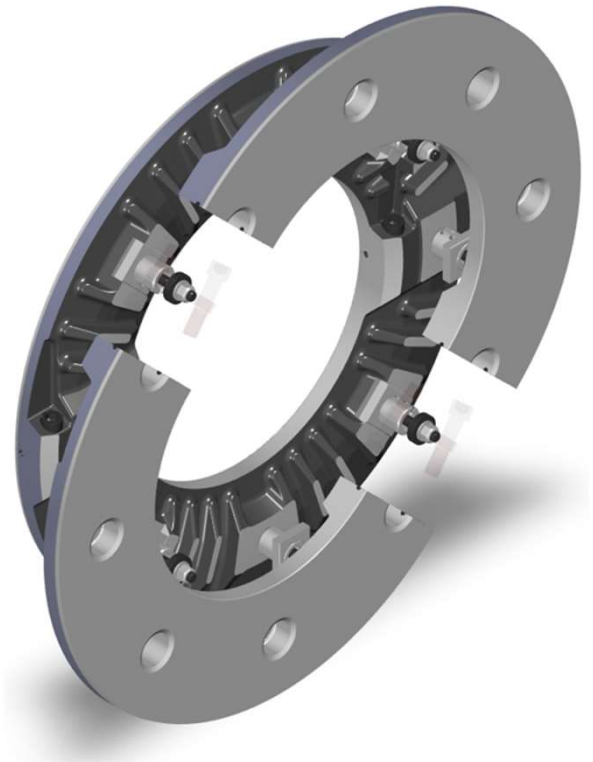
Application : XMUs, Metros

Key Benefits of the Product :

- Wabtec's unique R-design of the wheel mounted discs allows the disc to expand when warmed during braking. That way mechanical stress is reduced to a minimum.
- Minimized heat transfer into the wheel due to optimized contact area.
- Efficient cooling in combination with low ventilation loss.
- (Dis)assembly with standard tools.

Technical Features :

- Diameter: 680 mm
- Material: Grey Cast Iron
- Max. temperature: 250 °C
- Max. temperature (peak): 350 °C
- Max. shocks: 100 g
- Mass (incl. fasteners): 123 kg
- Wear capacity: 2 × 5 mm
- Unbalance: ≤ 13 gm



Standards Compliance :

- EN 61373 (Cat. 3)
- EN 14535-2

References :

- R-design discs in total (OE): > 1,00,000 Disc sets
- R680G (unsplit): Metro Delhi, Sydney Metro, Metro Lucknow, RRTS/MRTS
- RA680G (split): Metro Delhi

