

## Voith Retarder Product Range & Applications

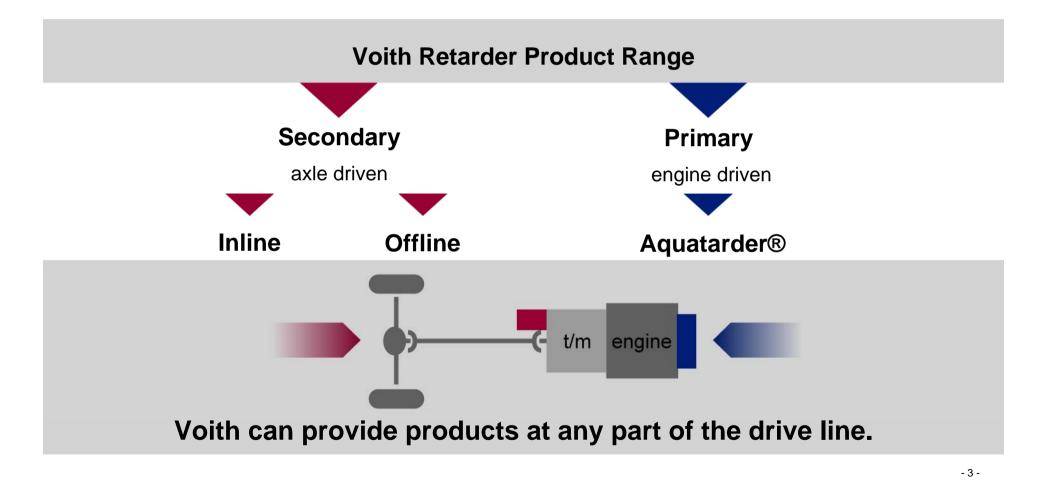
#### **Voith Retarder**

# Voith provides customized retarder solutions for each

Voith provides customized retarder solutions for each OEM and each demand to meet customer needs.

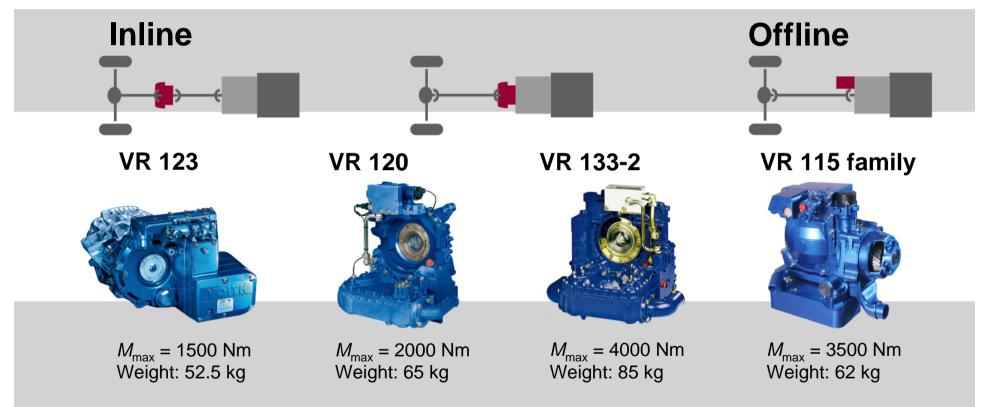
OEM and each demand to meet customer needs







#### **Secondary Retarders – Product Range**

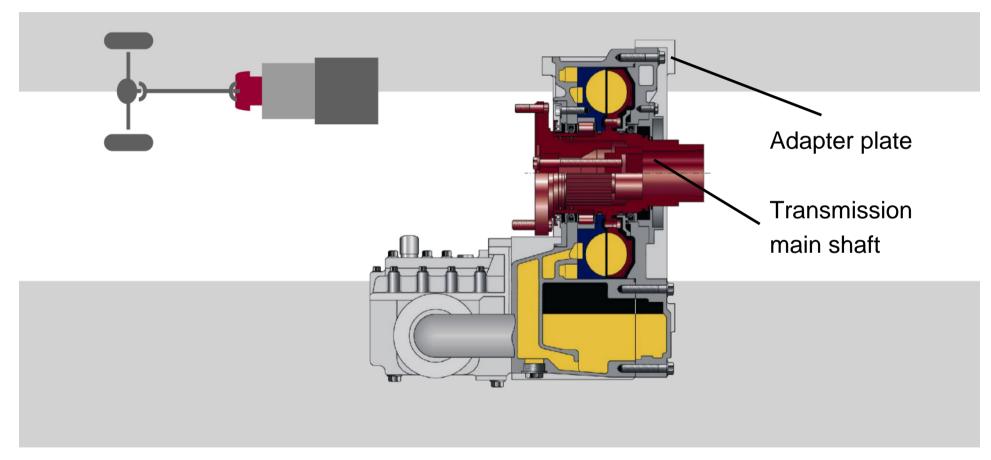


Voith covers a performance range from 1500 Nm to 4000 Nm.

VOITH

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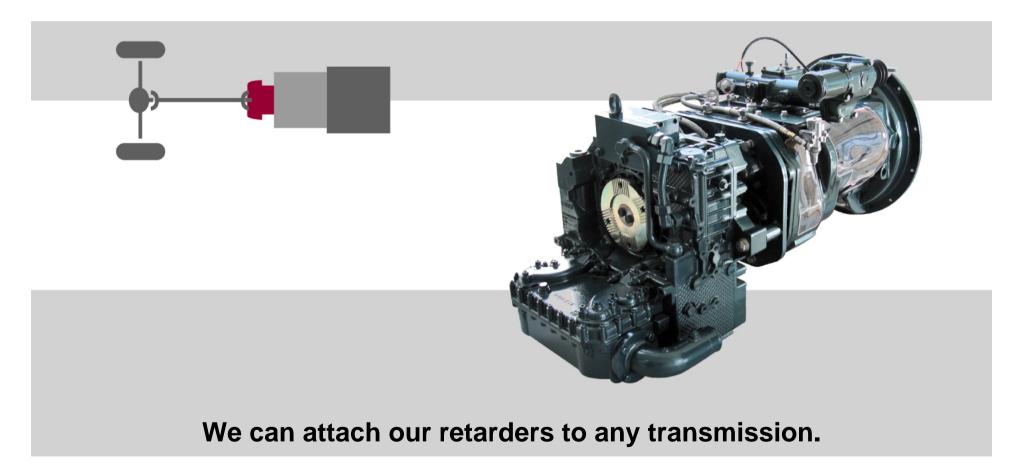
#### **Inline Installation VR 133-2**





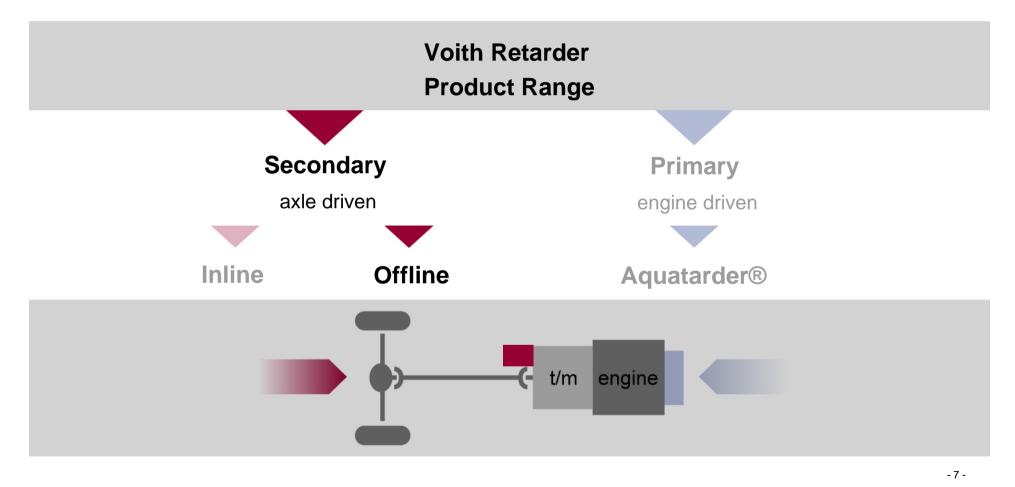
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#### VR 133-2 Attachment to Fast Gear 8JS180T



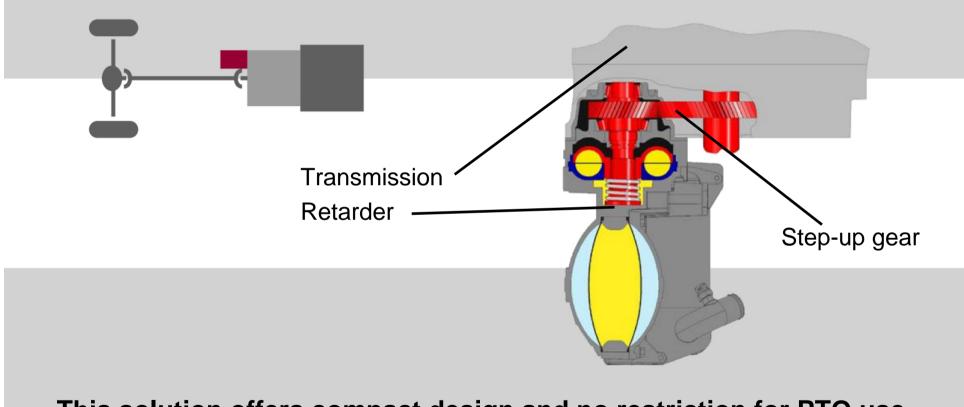


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#### **Offline Installation VR 115**

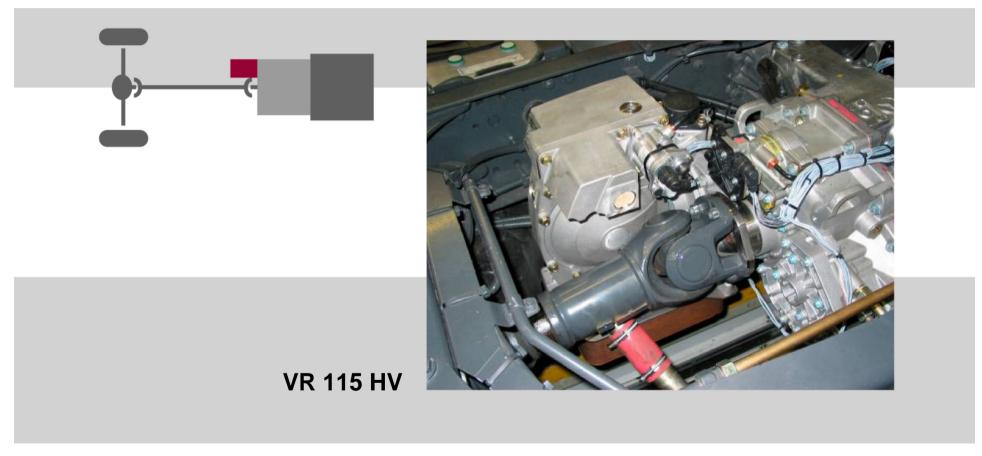


This solution offers compact design and no restriction for PTO use.



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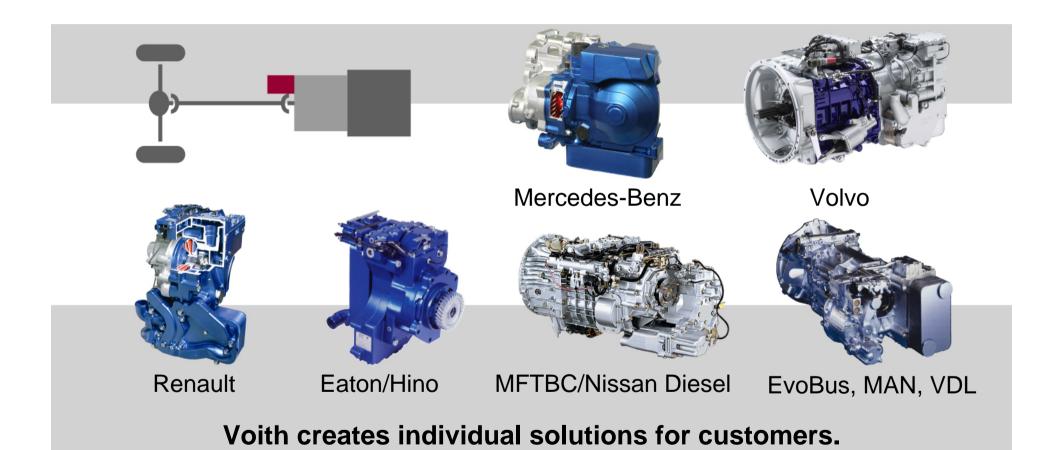
#### **Offline Installation**





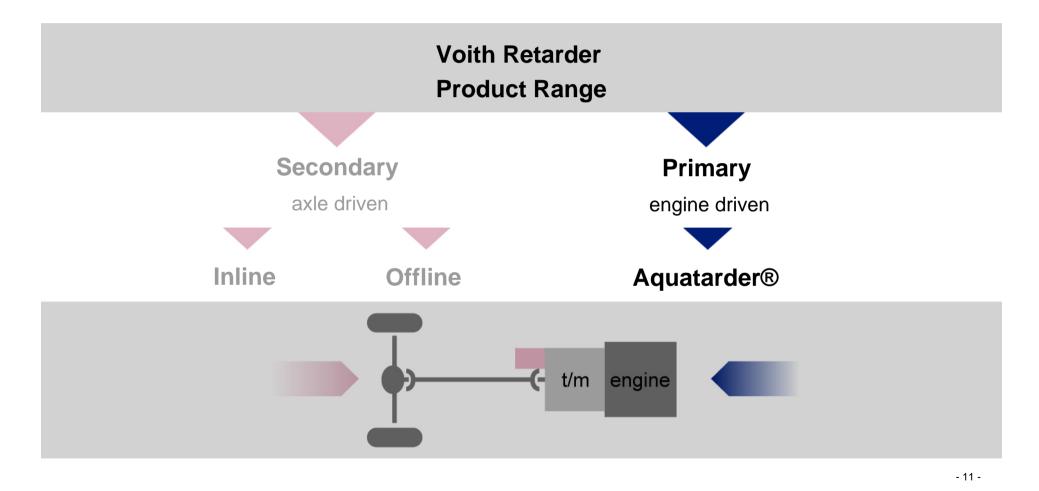
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#### **Offline Solutions**



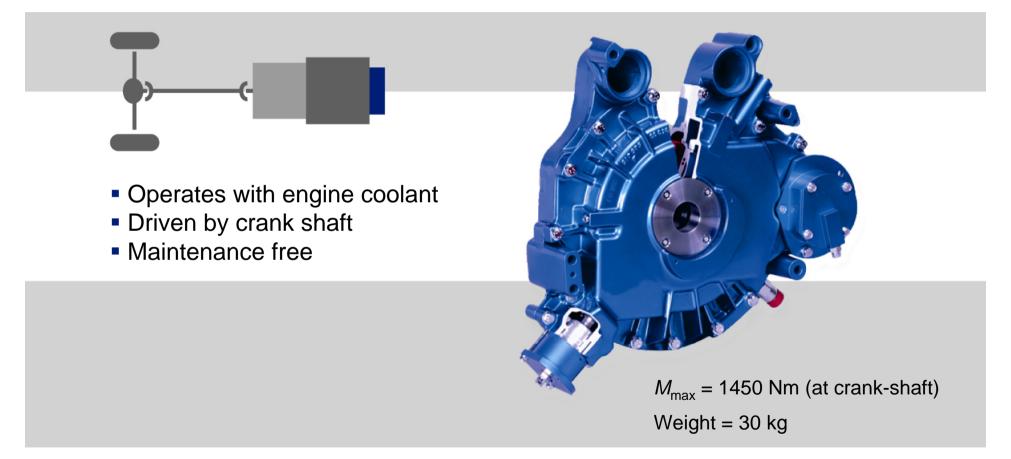
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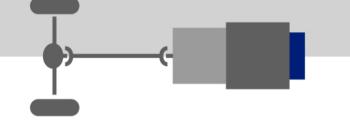
#### **Primary Retarder - Aquatarder®**



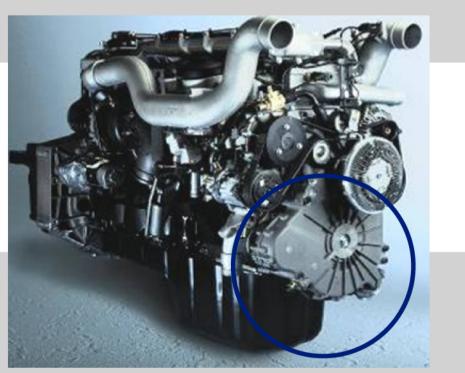
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#### **Primary Retarder - Aquatarder®**



At MAN the combination of engine brake and the Aquatarder® is called PriTarder® braking system.





#### **Trucks and Tractors**





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#### Coaches



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#### **Construction Vehicles**



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#### For Everybody

Sole independent manufacturer of hydrodynamic retarders worldwide

#### Anywhere

Attachment solutions anywhere in the drive line

#### For every vehicle

Customized retarder for each OEM

#### Everywhere

On every continent

We are able to respond to all customer demands!



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