

VOITH

Arrive Promptly
and Safely.

Voith Retarder 3250



Increase Transport Performance Safely with Voith Retarders

Economy, safety and driving comfort – this is
what our hydrodynamic Retarders ensure.



Voith Retarder 3250 for Renault Trucks



Braking Effect Voith Retarder 3250

Maximum braking torque

Max. braking torque on propshaft	3 250 Nm
Max. braking torque at 750 rpm	3 000 Nm
Max. braking torque at 500 rpm	2 000 Nm

Maximum braking effect with VR 3250 + engine brake

Motor	Max. braking force
DTI 11 VR 3250 & Optibrake	1 024 HP / 753 kW
DTI 13 VR 3250 & Optibrake +	1 075 HP / 864 kW

Economy

Get your customers on the road to success. Voith Retarders pay off – for you and your customers.

Active retarder utilisation saves fuel and time

- Motivation to drive with foresight
- Pay-back of retarder: usually within 1 – 2 years

Reduction of vehicle operating cost

- Service life of service brake is considerably extended
- Fewer workshop stops
- Protection of drive line

Advantages for vehicle resale

- Retained value of retarder up to 2 000 €
- Increased demand for retarder-fitted vehicles in the used vehicle market

Safety

This means your customers do not have to get into lower gear to ensure braking power.

High braking power across the entire speed range

- Effective adaptation braking at maximum speed without gear-change

No braking power interruption

Only the combination of Voith Retarder and engine brake offers enough braking power

Safety reserves thanks to cold service brakes

Comfort

In this way, your customers can be relaxed even in difficult conditions.

Noticeably fewer gear-shifting operations

Stress-free driving

Smooth braking operations

Combined drive/braking tempomat

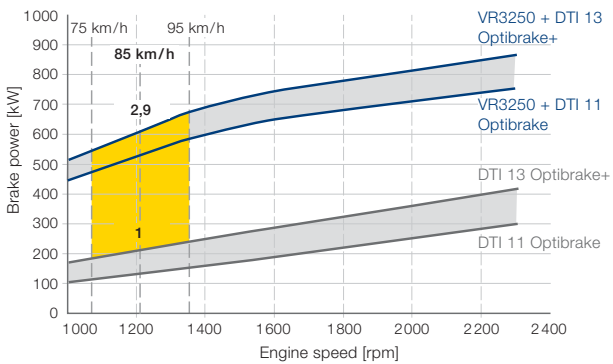
- Tempomat function on level roads, ascends and descends



The Ideal Combination

Retarder and engine brake

Brake power



■ The combination of Retarder and engine brake nearly triples the vehicle's braking power

Example Renault Trucks

iHa: 2.64

Tires: 315/70R22.5

Optidriver AT2412D

Display of curves in simplified mode

Conclusion:

Active safety and convenient driving within an engine speed range between 1 100 rpm and 1 300 rpm.

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Engineered Reliability