



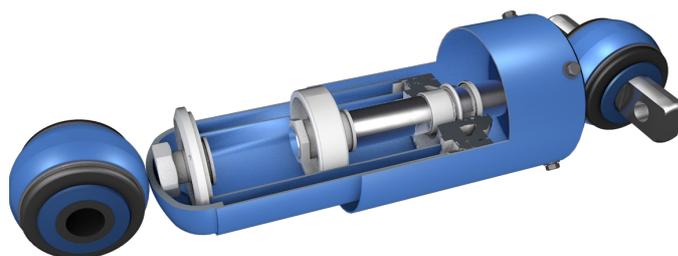
With the 45 and 62 Series, Dellner Dampers presents a full range of purpose dampers, specially developed for use in bogie applications. The series has versatile implementation as primary, vertical and lateral dampers with a maximum damping force of 12 kN for the 45 series and 15kN for the 62 series.

The main hydraulic tube construction allows us to produce to full scope of bogie dampers. The diameter of the oil filled container has named the series, 45 or 62mm.

Producing equal damping forces in both directions (compression and expansion), both Series allows the damping characteristic to be set from 2 to 70 kN/m/s (45 serie) and 20 to 2500 kN/m/s for the 62 series. The innovative modular design provides flexibility to adapt to diverse customer configurations.

Features, such as superfine-polished, hard-chromed and induction-hardened, piston rods ensure maximized durability. These and other novel features contribute in giving its high quality, assuring fault-free performance between maintenance intervals.

The Dellner Dampers 62 Series has been developed especially for use in rolling stock. Its foremost implementations are primary, vertical, and lateral dampers with a maximum damping force of 15 kN, but it can also be used as inter-car or yaw damper. Depending on damper type, the damping characteristic can be set from 20 to 2500 kN/m/s.



Cross section showing the working principle

The Dellner 62 Series offers a damper with superior quality and endurance, ensuring fault-free performance between maintenance intervals. The design also allows for easy reconditioning.

OUR PORTFOLIO CONSISTS THE FULL SCOPE FOR BOGIE APPLICATION.



- Primary vertical
- Secondary vertical
- Yaw dampers
- Secondary lateral
- Intercar / Anti-roll
See datasheet Intercar dampers

TECHNICAL DATA – 45 SERIES	
Maximum Dyn. Force	12 kN
Maximum Damping Rate	2 - 70 kN / m / s
Blow off	2 - 10 kN
Ø Dust cover	80 mm
Ø Damper housing	70 mm
Ø Reservoir	45 mm
Range of stroke length	35 - 200 mm
Built-in lenght (max)	950 mm
Max Ø loop	60 / 70 / 80 mm
Attachment type	trunnion bush cylindrical bush stem and bush
Dust cover	completely welded around screwed

According to EN 13802 : 2013

TECHNICAL DATA – 62 SERIES	
Maximum Dyn. Force	30 kN
Maximum Damping Rate	20 - 2500 kN / m / s
Blow off	2 - 25 kN
Ø Dust cover	95 / 102 mm
Ø Damper housing	89 mm
Ø Reservoir	62 mm
Range of stroke length	40 - 250 mm
Built-in lenght (max)	950 mm
Max Ø loop	60 / 70 / 80 / 90 mm
Attachment type	trunnion bush cylindrical bush stem and bush
Dust cover	completely welded around screwed

According to EN 13802 : 2013

EXAMPLE OF DAMPER LAYOUT

