EN 15566 certified

DRAWGEAR SPRINGS

- Light-weight TecsPak® proprietary elastomer
- Certified to EN 15566 as per TSI-WAG
- Certified to EN 50125 T1, T2, T3.
- Tested for operation from -50°C to +50°C
- Impervious to oil, grease, dust
- Abrasion-resistant

A few of the many reasons Miner drawgear springs remain the most widely applied in the industry, and the only drawgear springs with over 40 years of successful service and more than 1 million units supplied.

- Maximum Wagon Protection
- Minimum Life Cycle Cost
- Reliable Performance
- Unmatched Experience



1.0 MN 10 kJ (TS-2)



1.5 MN 20 kJ (ST-9-2)

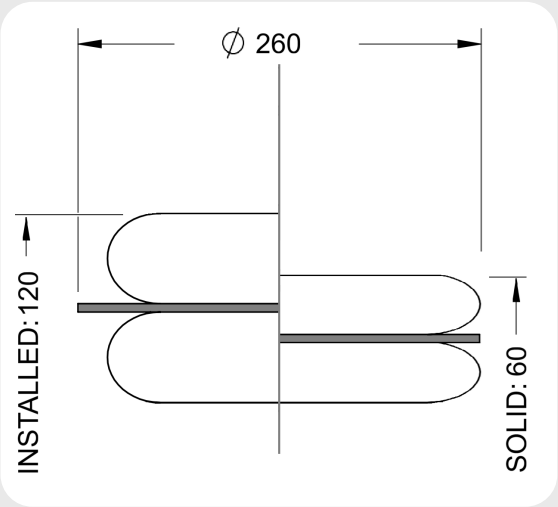
Simple. Reliable. Proven.

MINER ENTERPRISES INC.
W. H. MINER DIVISION

PERFECTING RAILCAR PERFORMANCE

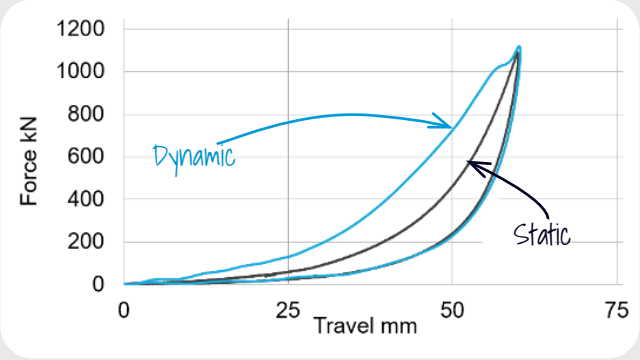
TECSPAK™ DRAWGEAR SPRINGS

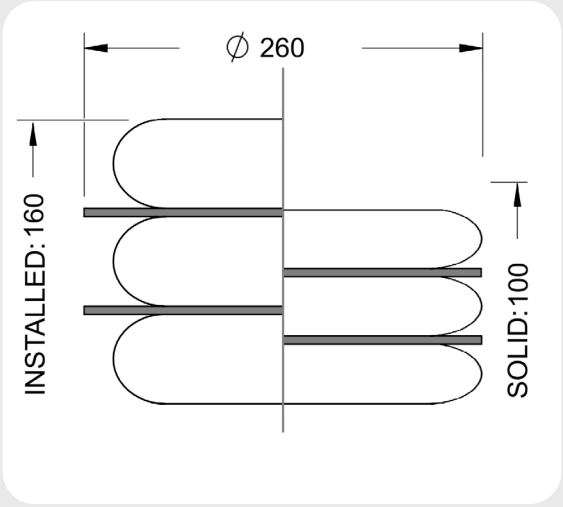
EN 15566 CERTIFIED



1.0 MN 10kJ (TS-2)

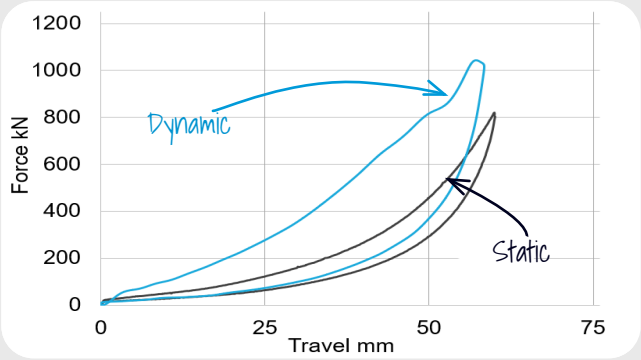
Installed height (mm)	120
Travel (mm)	60
Pre-force (kN)	21
Static Capacity (kJ)	13
Dynamic Capacity (kJ)	20
Weight (kg)	4.4





1.5 MN 20kJ (ST-9-2)

Installed height (mm)	160
Travel (mm)	60
Pre-force (kN)	46
Static Capacity (kJ)	21
Dynamic Capacity (kJ)	29
Weight (kg)	8.3



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