

FACT SHEET

FRONT SPRING TYPE

FST-PAR3 Three-leaf front parabolic springs (stiffer than normal)



3-leaf front parabolic suspension (stiffer than normal)

The spring leaves of a parabolic spring suspension system are made from special steel and are dimensioned in such a way that the load is equally high over each cross section of the leaf.

The suspension pack is held together by a bolt in the middle, where a metal spacer separates the leaves. The spring attachment consists of a threaded spring shackle bolt at the front and a shackle at the rear. The leaves lie flush with each other only in the middle and at the ends. This ensures that friction between leaves is very low, thus giving a smooth and comfortable ride without any bumps.

Shock absorbers and a front-mounted roll stabiliser are also fitted.

SPECIFICATION

Number of leaves.....	3
Front axle load.....	7,5–20 tonnes*
Suspension travel.....	100 mm
Length.....	1800 mm
Active spring length.....	1720 mm
Width.....	90 mm

* FAL13.0 - FAL 20.0 = Dual front axles



PRODUCTIVITY

- Suitable for construction and long-haul vehicles in rough and very rough road conditions.



UPTIME

- Maintenance-free bushings.
- Long service life.

