DESCRIPTION
(just on italian dual jacks systems)

The valve VC 3006/D (just on italian dual jacks systems) is a one way restrictor which limits oil flow. In case of pipe burst or overspeed it prevents the car reaching a speed bigger than the set one.

CHECKING PROCEDURE OF THE SPEED

- Load the car with full load.
- Read on the manometer the full load static pressure $P_{stat}$.
- Measure the down speed of the car and the dynamic pressure.
- Calculate the pressure losses in the pipe line ($P_t$).
- Following the formula shown below, calculate the speed $V_{max}$ at the pipe burst.

$$V_{max} = V_d \cdot \sqrt{\frac{P_{stat}}{P_{stat} - (P_d + P_t)}} \text{ [m/s]}$$