

WORKING PRINCIPLE OF IDROMATIK GANCIO TRAINO TIGRE

The gancio traino IDROMATIK TIGRE is produced in two versions:

P 260	category V	type-approved tow until 26 tons	DGM 50398 G5
P1200	category VI	type-approved tow until 120 tons	DMG 50397 G6

The working principle is the same for both tows and is based on a powerful damper placed between tractor and trailer. This damper neutralizes every pull, bump, rebound in the changings of gears, etc...

The dampening is given by the axial flowing of the group shaft-piston in a cylinder which moves the oil from a chamber to another of the cylinder itself, through calibrated holes, without springs or valves.

The passing time of the oil absorbs every thrust in traction and in locking; the stopping limit is always an oil bearing and the return to the optimal balanced position is given by the pressure or depression created in the hind chamber of the cylinder.

The group bell-head of attack is linked to the shaft and can utterly rotate on itself permitting an easy coupling of the trailer, even in uncomfortable conditions.

Every hook is furnished with complete oil charge and every piece is provided with the clamping bolt.

The structural semplicity of these hooks minimizes the maintenance; they only need the periodic greasing of the articulation group and the replacement of oil every 15/20 months (or only when the trailer starts to tap).