



HY-1336-F

Hypoid Rear Axle
Single Reduction



MAN hypoid-bevel gear axles come from large-scale series production for commercial vehicles and meet the most demanding requirements.

MAN hypoid-bevel gear axles combine a high load capacity and an extensive performance range, with low weight.

The axle beams are welded from high-strength structural steel.

Together, the bevel gear, the differential, and the ring and pinion gear form an assembly that can easily be exchanged as a complete unit.

Shafts and gears are made of high strength, case-hardened alloy steel and mounted in robust tapered roller bearings. The output shafts are induction-hardened.

The wheel hubs are made of nodular cast iron and incorporate the latest technical know-how. The wheel hub bearings are maintenance-free (Hub Unit).

All bearings are oil-lubricated.

The full torque is build up within the hypoid-bevel gears (drive by ring and pinion gear).

A differential lock can be supplied for almost all axles on request or retrofitted without difficulty.

The axles are equipped with disc brakes. They feature automatic pad wear adjustment, and an electronic wear indicator.

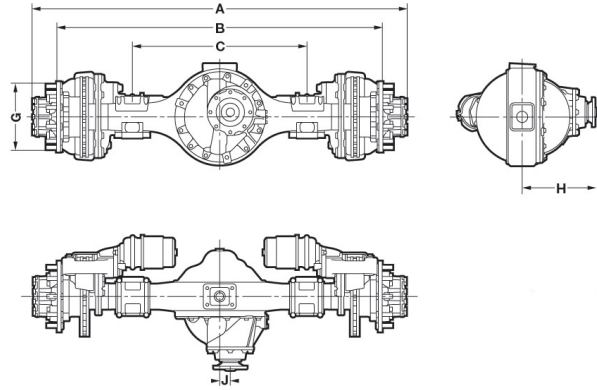
The axle is equipped with an anti-lock braking system (ABS) and continuous electronic wear indicators for disc brakes are optional.

The brake pads are asbestos-free.

Only rims and tires released by MAN may be fitted.

A version for single tires is available upon request.

The brake cylinders are pneumatically actuated and can be included as a customer option in the delivery content of the axle.



Technical data

HY-1336-F width 102"

Max. axle load.....	lb.....	28.660
A = Overall width without tires.....	inch.....	83.35
B = Width across brake drums / hub.....	inch.....	73.27
C = Spring track.....	inch.....	37.52
J = Flange to axle centerline, horizontal.....	inch.....	2.17
H = Flange to axle centerline, vertical.....	inch.....	15.41
Wheel size.....	inch.....	22.50
G = Qty. of wheel studs / hole circle diameter.....	mm.....	10 / 335
Air disc brake.....		X
Brake disc diameter.....	inch.....	17.01
Brake pad area.....	inch ²	121.50
Air brake cylinder diameter.....	inch.....	20/24 or 24/24
Drive flange diameter cross-serrated.....	inch.....	6.10
Differential lock (on request).....		X
Weight without wheels, with oil.....	lb.....	1485

Available ratios: 4.111 / 4.625 / 5.571

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