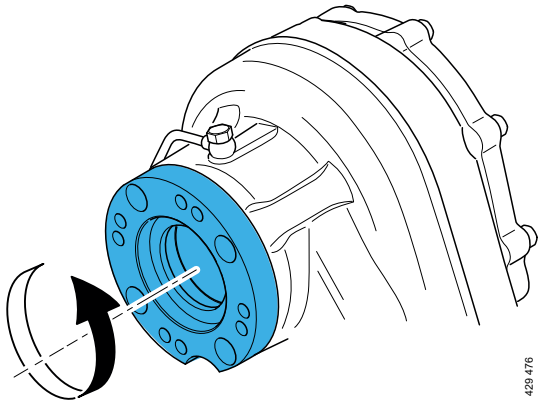
General

The power take-off has 1 connection. The connection has an anti-clockwise direction of rotation, seen from the rear, see the illustration.

The operating range of the power take-off is limited by the following factors:

- Engine speed. The lowest recommended engine speed is 800 rpm. The highest recommended engine speed is 1,900 rpm.
- Maximum permitted power output for different types of operation and gearbox oil cooling.
- Maximum permitted torque.



Direction of rotation anticlockwise, as viewed from behind.

More information can be found in the following documents:

- *Power take-off, overview.*
- *General information about power take-offs.*
- *Larger-capacity air oil coolers for EK power take-offs.*

More information about e.g. how to read the power diagram can be found in the document "Selecting power take-offs".

Power diagram

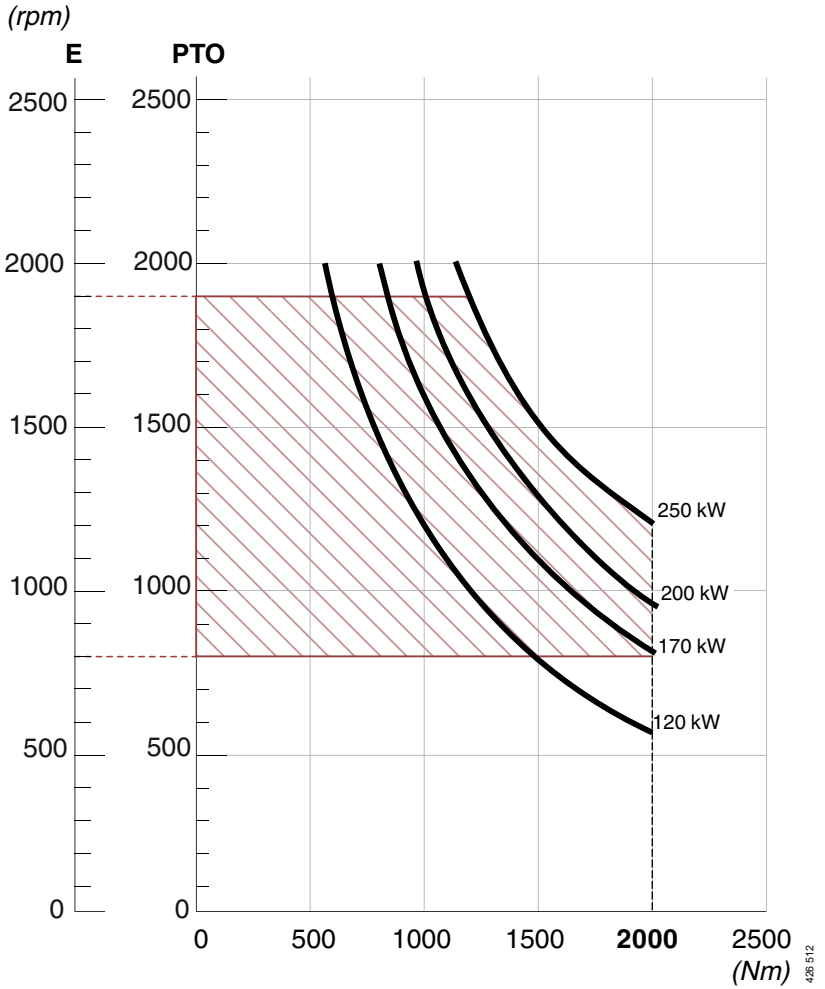
The power chart shows the power take-off working areas.

- Maximum permitted torque: 2,000 Nm.
- Gear ratio: 1:1.00.
- Permitted moment of inertia for connected equipment is between 0.4 and 4.5 kgm^2.

Type of engine	Factory fitted gearbox oil cooling	Highest permitted output
9 and 13 litre engines	No cooling *(variant code 387Z)*.	Continuous: 120 kW
13 litre engines	Water cooling *(variant code 387A and 2123B)*.	Continuous: 170 kW
		Periodic[a]: 200 kW
	Air cooling *(variant code 387A and 2123A)*.	Continuous: 200 kW
		Periodic[a]: 250 kW
9 and 13 litre engines	Cooling capacity with at least 13 kW. For example, Scania's oil cooler for gearbox *(variant code 8467A)* which uses air as a refrigerant. The oil cooler for the gearbox must always be retrofitted.	Continuous and periodic: 250 kW

a. 50% operating time at maximum permitted power and 50% downtime at 60 minute intervals.

More information about e.g. how to read the diagram can be found in the document "Selecting power take-offs".

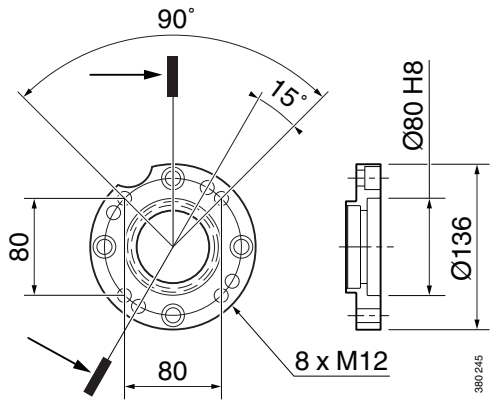


E = Engine speed.
PTO = Rotational speed power take-off.

Connection

Standards:

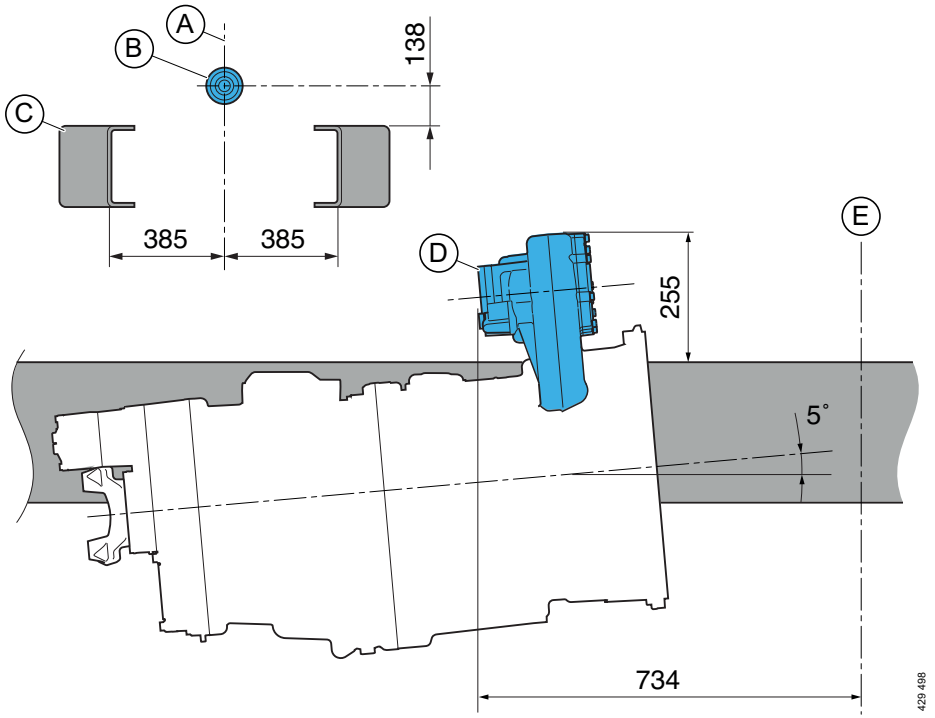
- The pump connection complies with ISO 7653-D; see illustration.
- The pump connection is adapted for pumps with shafts that comply with ISO 14/ DIN 5462.



Positioning

Vehicles without front wheel drive

Position	Description
A	Centreline between frame side members.
B	Pump connection location, viewed from the rear.
C	Frame side member, viewed from the rear.
D	Pump connection location, viewed from the side.
E	Centreline, foremost front axle



Vehicles with front wheel drive

Position	Description
A	Centreline between frame side members.
B	Pump connection location, viewed from the rear.
C	Frame side member, viewed from the rear.
D	Pump connection location, viewed from the side.
E	Centreline, foremost front axle