

UP2DATE

Knorr-Bremse Clutch Compressor for Iveco applications

Compressors from Knorr-Bremse are installed on all types of commercial vehicles, producing compressed air for braking and suspension systems. In addition to the existing compressor range, Knorr-Bremse launched in 2015 a Clutch Compressor for Iveco applications which is now also available for the Independent Aftermarket.

Knorr-Bremse as market leader for compressors was also the first manufacturer to launch the Clutch Compressor to the European market. Unlike compressors using conventional technology, clutch compressors avoid idle running phases. Instead, there are standby periods during which the engine output is physically separated from the compressor, thereby saving energy and reducing compressor wear.

Knorr-Bremse Clutch Compressors convince by the following benefits:

- › Reduction of a truck's CO2 emissions by up to 2.5 tons per year
- › Average reduction of diesel fuel consumption by up to 1,000 litres per year for a long haul vehicle
- › Reduced oil carry-over
- › Increased compressor lifetime

At a glance


- › Twin cylinder design 630cc
- › Operating pressure up to 12.5 bar
- › Water-cooled cylinder head
- › Pneumatically operated clutch




Overview of Compressors and Service Kits

Please see the tables below for an overview on the compressor part numbers and their corresponding service kits.

Compressor Part Numbers

Knorr-Bremse IAM P/N	Iveco P/N	Knorr-Bremse OE P/N
K162776N00 € 	5801647801	K092472N03
	5802833302	K162776N03

€  - A core deposit will be applied

Note: The "Iveco P/N" should only be used as a reference for the identification of the relevant IAM part numbers. The information is supplied without liability.

In order to ensure the highest quality and an optimal service, Knorr-Bremse has developed a specific service concept for the Iveco Clutch Compressor. The service orientated service kits combine all necessary components needed for a certain service action including the latest technical improvements and revisions.

Service Kit Part Numbers

Service Kit	Knorr-Bremse IAM P/N
Piston Kit	K112299K50
Valve Plate Kit	K112467K50
Clutch Kit	K153298K50
Cylinder Head Kit	K153299K50
General Service Kit	K153300K50

For a safe and optimal service of the clutch, Knorr-Bremse offers a specifically designed Clutch Compressor tool case. Please refer to the corresponding Up2date Y282362 for further details on our website mytruckservices.knorr-bremse.com.

KEEP IT RUNNING

Up-to-date information on our products can be found on our website truckservices.knorr-bremse.com



Knorr-Bremse Systems for Commercial Vehicles
Moosacher Strasse 80 | 80809 Munich | Germany
Tel: +49 89 3547-0
Fax: +49 89 3547-2767
truckservices.knorr-bremse.com

Note

All information is subject to change. A printed version of this document may therefore not correspond to the latest revision. To obtain the latest version, please visit our website truckservices.knorr-bremse.com or contact a Knorr-Bremse representative in your area.

If service work is carried out on a vehicle based on information provided herein, it is the responsibility of the workshop to ensure the vehicle is fully tested and in full functional order before the vehicle is returned into service. Knorr-Bremse accepts no liability for problems caused as a result of appropriate tests not being carried out.

Copyright © Knorr-Bremse AG

All rights reserved, including industrial property rights applications. Knorr-Bremse AG retains any power of disposal, such as for copying and transferring.

Disclaimer

The information contained herein is intended for the exclusive use of trained persons within the commercial vehicle industry, and must not be passed on to any third party. All recommendations regarding products and their servicing or usage are with reference to Knorr-Bremse products and should not be considered applicable to products from other manufacturers. This information does not purport to be all-inclusive and no responsibility is assumed as a result of its use. We cannot accept any liability nor offer any guarantee regarding data accuracy, completeness or timeliness. The information does not represent any guarantee or ensured characteristics of the Products or Systems described. No liability can be accepted based on the information, its use, recommendations or advice provided. In no event may we be held liable for any damage or loss except in the case of wilful intent or gross negligence on our part, or if any mandatory legal provisions apply. This disclaimer is an English translation of a German text, which should be referred to for all legal purposes. Any legal disputes arising from the use of this information shall be subject to German law.