

# UP2DATE

## NEW PNEUMATIC DISC BRAKES SYNACT (TYPE SYD7)

### Knorr-Bremse supplies a new generation of Air Disc Brakes to DAF

With a new type number "**SyD7**" (Synact DEVO), Knorr-Bremse introduces a new generation of Pneumatic Disc Brakes onto the market, with new innovative features.

The well-known and proven Aftermarket Service Concept has been retained and, in addition to the Calipers, includes all required wear parts and service kits to optimally support you during maintenance.

With the new "SyD7", the Brake Caliper and the patented Carrier have been weight-optimized and changed in appearance. Along with the new Carrier design, the Pad concept was revised and patented. This can be seen in the different lengths of the inner and outer Pads and in the new design of the Pad Retainer Bar. In this context, the cable guidance of the Wear Indicator has also been reconfigured.

Also new to the market is the Knorr-Bremse "ACR" system (Active Caliper Release). This actively releases the Brake Pads from the Brake Disc via a spring system and centres the Brake Caliper back to the centre of the Brake Disc. Thus, ACR contributes to the reduction of fuel costs and optimizes the wear of the Brake Pads.

The Brakes installed on the vehicle, as well as the Brake Carriers supplied in the Aftermarket, are already prepared for the installation of ACR. Depending on your needs, you can choose between a Pad Kit with or without ACR <sup>1)</sup>.

The service concept is rounded off by a new and optimised Guide and Seal Kit and Tappet and Boot Kit.

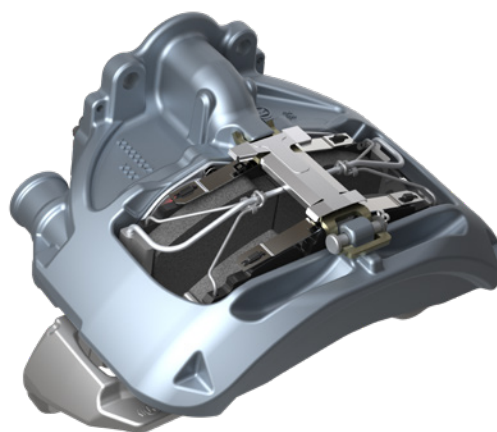
All information on the maintenance and servicing of the new Brake generation can be found in the service manual **Y416977**. With the Disc Brake Tool Case **K158880K50**, you are fully equipped to carry out safe and efficient servicing of the SyD7 Pneumatic Disc Brake from Knorr-Bremse.

Please note that the new Brake generation is not backwards compatible with previous Brake generations.

#### At a glance

- › New generation of Pneumatic Air Disc Brakes for DAF Synact SyD7
- › New Carrier and Pad Concept
- › Including Active Caliper Release (ACR) system (depending on installation)
- › Service Manual Y416977

1) Depending on installation. Note: Brake Pad Kit without ACR is not ACR system compatible.



## SERVICE PARTS AND TOOLS For Knorr-Bremse SyD7 DAF applications

### Wear Indicator Kit\*

K219960K50

### Brake Pad Kit without ACR \*

available soon

K219966K50

### Brake Pad Kit incl. ACR \*\*

available soon

K222843K50

### Tappets Kit

K192251K50

Knorr-Bremse	OE
K203903	2266600
K203904	2266601
K183552	2266603
K183553	2266604

### Guide and Seal Kit

K223472K50

### Adjuster Cap Kit

K000029

### Rat. Caliper

K219963K50

K219964K50

### Brake Carrier (ACR ready)

K219959K50

### Brake Disc (Splined Disc®)

K034248K50 for Rear Axle

K034249K50 for Front Axle

\* Brake Pads **not** suitable for ACR installation

\*\* Brake Pads suitable for ACR installation

For further information on servicing SyD7 Air Disc Brakes please refer to the Knorr-Bremse Service Manual **Y416977**.

## SPECIAL TOOLS & AUXILIARY TOOLS

**Air Disc Brakes Tool Case K158880K50** contains all the specialist tools required for professional servicing and maintenance of Knorr-Bremse Air Disc Brakes types SB5/SB6/SN6/SB7/SK7/SL7/SM7/SN7/ST7/SyD7.

- › Developed in cooperation with leading companies specialising in bespoke tooling
- › Easier, safer, faster and more cost-effective maintenance
- › Robust design for every days workshop work
- › Perfectly organized & easy to transport
- › Detailed service instructions available online



**Brake disc measuring gauge K146719K50** - Suitable for Brake Discs for Knorr-Bremse Brake applications

- › Quick monitoring of the wear condition of all 17.5", 19.5" and 22.5" Brake Discs
- › Reduction of downtime
- › Supports quick identification of the current wear condition of a Brake Disc without removing the wheel



**Actuator maintenance gauge K108806K50** - Suitable for Knorr-Bremse Brake Actuators

- › Leads to quick service decisions
- › Reduction of downtime
- › Enables a quick and easy check of the Actuator seal and push rod height
- › Ensures orientation of Actuator corresponds exactly with original installation



**KEEP IT RUNNING**

Up-to-date information on our products can be found on our website [truckservices.knorr-bremse.com](https://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](https://truckservices.knorr-bremse.com)

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