

# Delphi High Efficiency SPh Compressors

## ► Description

Delphi's High Efficiency SPh Compressors are 10-cylinder fixed displacement units consisting of five double-ended pistons moving in the cylinder bore by a swash plate and shaft assembly. The 10 hemispherical shoes connect the pistons to the swash plate and shaft assembly. As the swash assembly rotates, the shoes swivel, remaining in constant contact with the piston and swash plate. The rotary motion of the swash plate therefore is converted to the reciprocating motion of the piston.

The Delphi High Efficiency SPh Compressors are available in the following displacements:

- 87 cc
- 110 cc
- 135 cc
- 154 cc
- 173 cc
- 210 cc

## ► Benefits

- Maximized heat capacity per unit mass and unit volume enables high efficiency while remaining cost effective
- Smooth pumping operation provides quiet and reliable performance
- Economical piston design is compact, lightweight and durable



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### ▶ Typical Applications

Delphi High Efficiency SPh Compressors are ideally suited for mobile or stationary commercial vehicle applications. The range of models available offers capacity and packaging options to meet the requirements of any system.

### ▶ Performance Advantages

Delphi High Efficiency SPh Compressors feature a cost effective design and provide efficiency. The intelligent design and the use of die-cast cylinders result in a significant size and weight reduction. High efficiency is achieved through maximized cooling capacity per unit mass and unit volume.