



- *For TOYOTA PRIUS (ZVW30) 1.8*
- *Integrated inverter for high voltage*
- *Air-conditioning operation can be controlled by radio remote control*
- *Special lubricant required*

### Product features

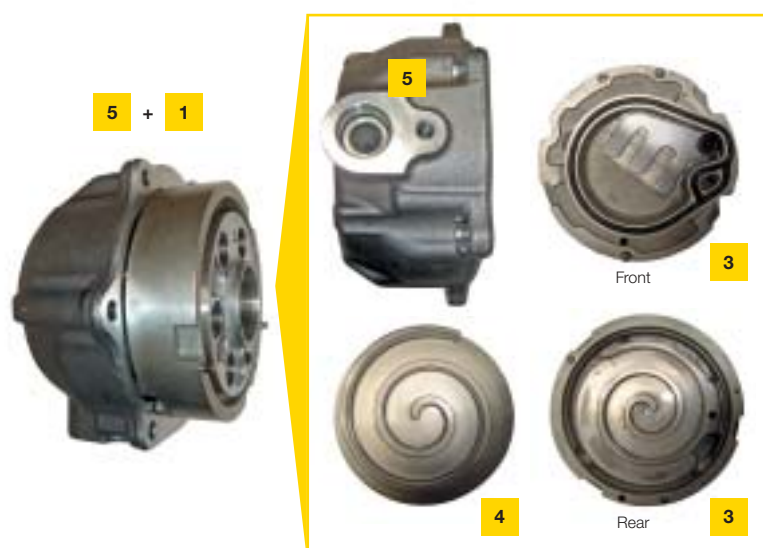


- First electric refrigerant compressor in the Behr Hella Service range
- Scroll technology
- ca. 20% less weight than the Toyota Prius II compressor
- ca. 20% less capacity than the Toyota Prius II compressor
- The electric drive allows use of the air-conditioning system even with the engine switched off
- The compressor power is regulated by a control unit. The cooling capacity of the scroll compressor is regulated depending on speed



# Technical details

## Exploded view



## Key

1	Scroll compressor unit
2	Electric motor unit
3	Fixed scroll unit with valve plate
4	Moving scroll unit
5	Compressor housing
6	Rotor (brushless)
7	Stator winding with housing
8	Inverter and control unit
9	High-voltage connection
10	Air-conditioning control unit connection
11	Low-pressure connection for refrigerant circuit
12	High-pressure connection for refrigerant circuit
13	Pressure relief valve




## Technical data

Net weight	4,623 g
Gross weight	5,487 g
Drive	through 3-phase high-voltage with up to 288 V
Control unit or inverter	integrated
Oil filling quantity	ca. 140 ml*
Use	for refrigerant R134
Capacity	fix 140 ccm
Type	Denso ES14
Technology	Electric-drive scroll compressor

\* To guarantee sufficient insulation for high-voltage parts of the compressor against the compressor housing and vehicle chassis, a special oil (Denso ND11 or comparable) with special insulating properties must be used.

Special safety measures must be heeded during work on hybrid vehicles (e.g. manufacturer's specifications)

## Product overview

Product photo	Part number	OE numbers*	Description	PU
	<b>8FK 351 342-001</b>	<b>88370-47030</b> <b>88370-47031</b>	Compressor, air-conditioning system TOYOTA PRIUS (ZVW30) 1.8	<b>1</b>

\* OE numbers are only for comparative purposes