

## Powerful and economical

DRU.. AC asynchronous motors  
now included in the portfolio

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## Energy efficiency, performance, and power



**Sewage treatment plants**  
IE4 motors for the non-stop  
operation of pumps and filters



**Conveyor systems**  
IE4 motors for continuously  
transporting goods



**Cement production**  
IE4 motors for distributing, conveying,  
grinding, and packing stone

## Technical data

|                                |            |                          |   |
|--------------------------------|------------|--------------------------|---|
| <b>Energy efficiency class</b> | IE4        | <b>Nominal torque Nm</b> | 4.05 – 2250                                 |
| <b>Number of poles</b>         | 4-pole     | <b>Voltages V</b>        | Fixed voltage                               |
| <b>Sizes</b>                   | 90 – 355   | <b>Frequency Hz</b>      | 50, 60                                      |
| <b>kW</b>                      | 0.75 – 375 | <b>Technology</b>        | Asynchronous motor with squirrel-cage rotor |

# Efficient motor solution up to 375 kW

For applications that call for energy efficiency

The new DRU.. is designed as a classically constructed AC asynchronous motor. With this series, the modular system of line-operated and inverter motors now includes the maximum energy efficiency class defined in the standard – IE4.

The new IE4 AC motors come in a **4-pole design** and are available in a power range from **0.75 to 375 kW** – either mounted directly on gear units from SEW-EURODRIVE or as stand-alone motors. Naturally, a wide range of compatible accessories from the DR.. modular system of motors is also available. When combined with our gear units and frequency inverters, the result is an efficient drive solution from SEW-EURODRIVE – the IE4 motors save energy and cut CO<sub>2</sub> emissions.

- Particularly **energy-efficient**
- **Certified** for areas of application worldwide
- Wide power range from **0.75 to 375 kW**

**Modular system**  
Line-operated and inverter motors



## Scalable

Select the power rating, speed, and torque to suit your precise needs – naturally taking account of overload and safety factors, and in combination with the gear units.

## Robust and versatile

Quickly and easily select robust elements to suit the drive structure of your AC motor – including brakes and holding fixtures, position and speed sensors, thermal and mechanical protection, and much more besides.

## Exceeding requirements

Regulation (EU) 2019/1781 stipulates that motors with a rated output from 75 to 200 kW must meet the requirements of IE4 – but SEW-EURODRIVE is already surpassing this, meeting these requirements with motors that have smaller power ratings from 0.75 kW and larger power ratings up to 375 kW.

## Sustainable

High levels of CO<sub>2</sub> savings throughout the entire product life cycle thanks to the increased efficiency of the asynchronous motor. Upgrade now and reduce the energy consumption of your systems – for long-term savings in both energy and costs.