

# SpeedIQ™

## Motor

**Efficient. Optimised. Whisper Quiet.**

An intelligent fuel dispenser motor designed for Gilbarco Veeder-Root's flagship dispensers that dynamically adjusts speed in real time to match the required flow rate, reducing energy consumption, CO<sub>2</sub> emissions, and operational noise.



# SpeedIQ Motor

SpeedIQ uses its onboard electronics to intelligently detect the required flow rate and automatically adjusts the motor's RPM to meet real-time dispensing demand.

**When SpeedIQ is deployed, the onboard electronics detects that only 40 litres per minute is required and reduces the motor's speed (RPM) by up to 50% to deliver that exact flow rate.**

By operating more slowly when fuelling demand is lower, SpeedIQ significantly reduces energy consumption, CO<sub>2</sub> emissions, and operational noise.

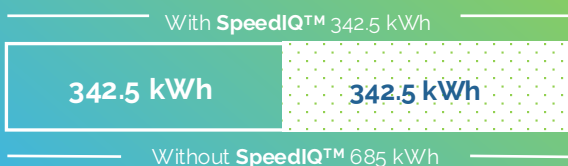
- Intelligently adjusts its speed (RPM) based on real-time fuelling demand.
- When fuel is dispensed at less than 90 litres per minute the motor runs at a reduced speed.

# Reduces energy consumption, reduces CO<sub>2</sub> emissions & delivers a quieter fuelling experience

## TRANSFORM DISPENSER ENERGY USAGE

SpeedIQ™ reduces energy usage by up to 50% by using only the power needed to deliver fuel at the desired flow rate instead of operating at full capacity all the time.

Power usage (annual kWh) for the standard motor compared **with SpeedIQ**

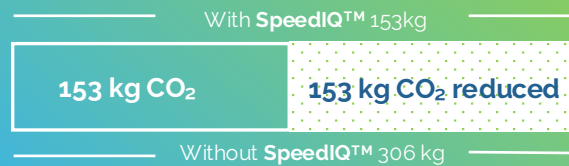


*For suction operated SK700-II fuel dispensers with standard flow rate 40 or 70 lpm, 90% single-side usage.*

## REDUCE DISPENSER CO<sub>2</sub> EMISSIONS

SpeedIQ substantially less CO<sub>2</sub> whilst in operation, equipping forecourt operators with a powerful tool to help meet or surpass European CO<sub>2</sub> reduction targets and mandates.

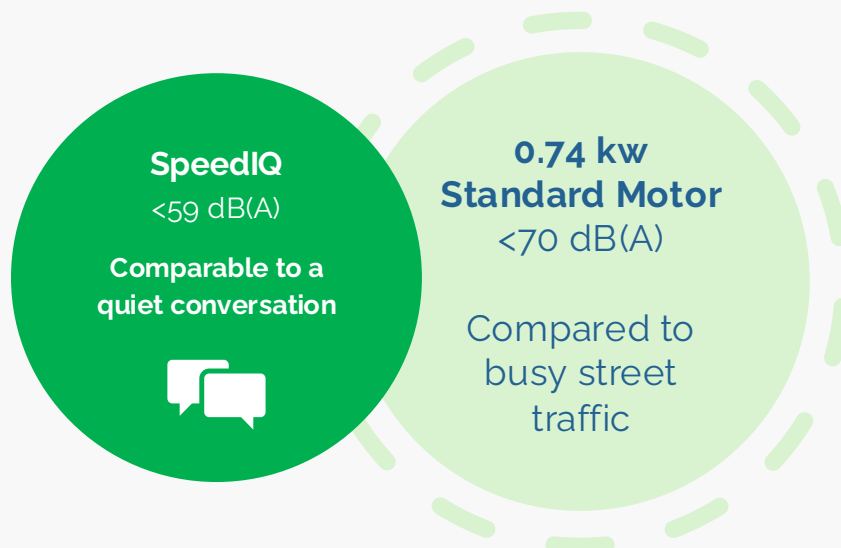
Co<sub>2</sub> production (kilograms per annum) for the standard motor compared **with SpeedIQ**



*For suction operated SK700-II fuel dispensers with standard flow rate 40 or 70 lpm, 90% single-side usage.*

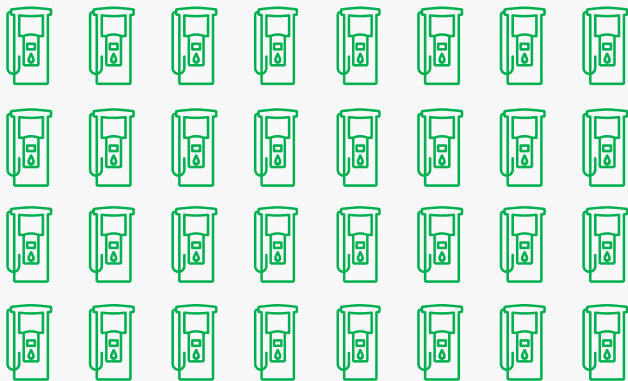
## MINIMISE OPERATIONAL NOISE

SpeedIQ uses only the power required to operate at the speed to deliver fuel at the desired flow rate. Whilst running at lower rotations per minute (RPM), operational noise is reduced by up to 50%, making the dispenser noticeably quieter.



# SAVING AT SCALE

A fuel dispenser equipped with SpeedIQ delivers approximately €113 in annual savings for every 1.5 million litres dispensed. To scale savings, scale deployment across your forecourt network.



|                      |                   |
|----------------------|-------------------|
| 1 Fuel Dispenser     | € 113 savings     |
| 10 Fuel Dispenser    | € 1,130 savings   |
| 100 Fuel Dispenser   | € 11,300 savings  |
| 1,000 Fuel Dispenser | € 113,000 savings |

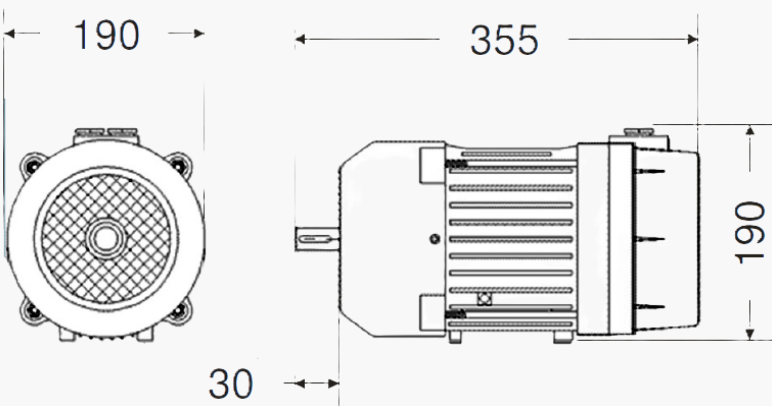
\*Calculations based on 1.5m litres dispensed per annum. €0.24c per kWh.

Capture substantial savings from the very first deployment. Forecast per annum

# TECHNICAL DETAILS

| CATEGORY                 | DESCRIPTION                            |
|--------------------------|----------------------------------------|
| ENVIRONMENT              | SUCTION ONLY                           |
| COMPATIBLE DISPENSERS    | SK700-II, HORIZON-II                   |
| CERTIFICATION            | MID, ATEX, EAC,                        |
| SUPPORTED FLOW RATES     | 40, 40/70, and 70 lpm                  |
| POWER                    | 0,74 kW                                |
| VOLTAGE/PHASE            | 230V / 1 AND 3 PHASES, 400V / 3 PHASES |
| AMBIENT TEMPERATURE      | -40 °C to +55 °C                       |
| MAX SOUND PRESSURE LEVEL | 55 dBa                                 |

# DIAGRAM



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Up to  
**50%**  
energy savings



**50%**  
quieter in operation



Up to  
**50%**  
reduction in CO<sub>2</sub> emissions



[Access the ROI  
calculator](#)



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SpeedIQ™ pilot](#)



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quotation](#)

Contact your Gilbarco Veeder-Root sales representative  
for more information