DRIVES — CATALOGUE

Your machine.
Your motor.
Our drive.



DRIVES

STARK · KMD · FARM · Custom OEM drives

Variable speed drives for fans, pumps, compressors and the machines you build.

keld.es

KELD

Drives that fit the machine, not the cabinet

Every machine has its own space, its own environment and its own motor. Choosing a drive that fits all three is a decision taken before the first prototype, and it is the one that later decides service visits and downtime.

Since 1972 KELD has worked with manufacturers of fans, pumps, compressors, refrigeration and HVAC equipment. Most of what leaves the factory was designed for one OEM and one machine.

Three ways to install it

STARK mounts on the motor. KMD mounts on the wall, from 1 to 7.5 kW. FARM is the sealed unit for wet, dusty and outdoor areas. The control, the protections and the Modbus map are the same in all three.

Fits the space you have

Motor mount with no cabinet, wall mount with the ventilation kit, or a sealed body with cooling fins. The electronics stay the same.

Protected from the supply to the motor

Voltage, inrush and surges on the supply side. Short circuit, overload, locked rotor and phase loss on the motor side.

Diagnostics you can read

Status LED by colour, alarm log with time stamp, event counters and pre-fault records on KMD.

Your brand on the unit

Six housing colours, your logo, your label, commissioning app in your identity.

Set-up without a PC

LCD keypad on STARK, app on KMD, a contact and a 0–10 V signal on FARM.

Modbus, and more when needed

RS-485 RTU in all families. USB, Bluetooth and optional BACnet on KMD.



APPLICATIONS

Designed for the machines you build

No two machines are alike. A fan in a livestock building, a pump in a washdown area and a compressor in a rooftop unit ask different things of the drive.

Each KELD family answers one of those situations. When none of them does, we design the drive for your machine.



Fans, blowers, compressors

STARK on the motor. No cabinet, no extra parts, set-up from the keypad.



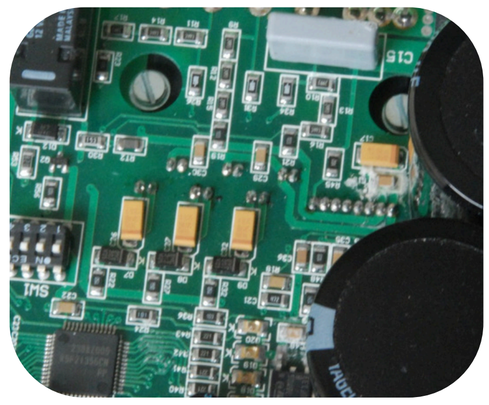
HVAC, pumps and refrigeration

KMD on the wall, 1 to 7.5 kW, with diagnostic memory and your brand.



Livestock, outdoor and washdown

FARM sealed to IP66, cooling fins, no fan, motor temperature input.



Your machine, your specification

OEM drives designed for one manufacturer, one machine.

SELECTION IN ONE LINE

On the motor: **STARK**
On a wall: **KMD**
Wet, dusty or outdoor: **FARM**

Not sure?

Send us the motor data

PRODUCT RANGE

Three families, one platform

COMMON TO ALL FAMILIES

4 motor types
IM · PM · BLDC · SynRM

Sensorless FOC
Sinusoidal output

0–400 Hz
Output frequency

No fan
Natural cooling · derating >40 °C

	STARK	KMD	FARM
Power output	2.2 kW / 3.0 HP	1–7.5 kW / 1.3–10 HP	2.2–3.5 kW / 3.0–4.5 HP
Mounting	Motor or wall	Wall · 3 housing sizes	Wall, cooling fins
Enclosure	IP55 aluminium	IP66 aluminium	IP66 sealed aluminium
Supply	1~ 200–240 V · 3~ 190–480 V	1~ 90–265 V · 3~ 190–480 V	1~ 90–265 V · 3~ 190–480 V
Output current	up to 8.4 Arms	up to 22 Arms	up to 10 Arms
Efficiency	>95 %	>94–95 % by model	>95 %
Operating temp.	–10…40 °C (1~) · –10…50 °C (3~)	–20…40 °C	-10…50 °C
Interface	LCD keypad, F1/F2	Status LED · KMD App	External alarm LED
Communication	Modbus RS-485	Modbus · USB · BT · BACnet opt.	Modbus RS-485
Surge protection	Protection set	Replaceable module	Built in
Motor temp. sensor	Pt100 · PTC · Clixon	Pt100 · PTC · Clixon	Clixon
	VENTKIT wall kit	6 colours, custom logo	

Full technical data: each model's datasheet on **keld.es.**

KMD App
Commissioning, parameters and diagnostics on every KMD.

GET IT ON Google Play

Download on the App Store

WHY KELD

The value chain behind every unit.

Flexible industrialisation, traceability by design, and co-development to shorten qualification cycles.

Inside your machine, the drive carries your brand. That is why KELD never separates engineering from manufacturing: every link of the value chain is managed in one place.

Co-engineering & DFM/DFT

Design for manufacture and test with your team. Less risk in ramp-up, faster validation.

APQP planning

Quality anticipated from the early phases. Fewer late surprises, fewer incidents in series.

Flexible industrialisation

Short and variable series produced with efficiency. Your volumes, not a minimum-order catalogue.

Testing & traceability

Every unit tested and traceable to its serial number. Shorter investigations, a protected brand.

Lifecycle updates

Regulatory and technology changes managed after launch. Controlled firmware, documented versions.

HOW A CUSTOM PROJECT WORKS

01 → **02** → **03** → **04**

Your proposal

A specification, a drawing, or the drive you use today.

Technical review

A KELD engineer proposes the closest standard base or a new design.

Design and validation

Shared design under APQP. Prototypes, tests, validation.

Series production

Production and test in Zaragoza. Traceability and controlled firmware.

Send us the requirement. We tell you whether the answer is a standard family, a modified one or a new design — and what each means in time and cost. **keld@keld.es →**

Engineering + Manufacturing, together.

Electrónica KELD was founded in 1972 in Zaragoza, Spain. The company designs and manufactures drives, controllers and HVAC electronics for OEMs in Europe and the United States.

Clients across Europe and the United States integrate KELD electronics in ventilation, refrigeration, HVAC, pumps and motor applications.

Engineering, production and final test are in the same building. Most of the electronics leaving the factory were designed for one manufacturer and one machine, under that manufacturer's name.

Book a technical discovery call

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