

ACS880-37-0590A-7

ABB ACS880-37-0590A-7 560 kW ultra-low-harmonic cabinet-built drive

|                |                                   |                                |                          |
|----------------|-----------------------------------|--------------------------------|--------------------------|
| BRAND          | ABB                               | ORDER CODE / PRODUCT REFERENCE | ACS880-37-0590A-7        |
| PRODUCT FAMILY | ACS880                            | CATEGORY                       | Variable Frequency Drive |
| SUPPLY BASIS   | RFQ / on request - no stock claim | RECORD IDENTITY                | Catalog identity matched |

PRODUCT DESCRIPTION

ABB ACS880-37-0590A-7 is a current ACS880 ultra-low-harmonic cabinet-built drive rated 560 kW and 590 A at 525-690 V AC, using R11. It integrates active-front-end harmonic mitigation for typically below 3% input-current distortion under nominal network conditions. ABB Direct Torque Control, Safe Torque Off and flexible industrial communications support demanding crane, mining, metals, cement, marine, oil and gas, test-bench and process applications across industrial applications.

RECORDED SPECIFICATIONS

|                  |                                         |
|------------------|-----------------------------------------|
| Safety           | Safe Torque Off (STO)                   |
| Supply           | 525-690 V AC, three-phase               |
| Drive class      | Ultra-Low-Harmonic Cabinet-Built Drive  |
| Motor power      | 560 kW                                  |
| Construction     | ACS880-37                               |
| Drive family     | ACS880                                  |
| Motor control    | Direct Torque Control (DTC)             |
| Rated current    | 590 A                                   |
| Lifecycle basis  | Current ABB ACS880 Rev T/Rev P catalogs |
| Protection class | IP22 standard; IP42/IP54 optional       |

ADDITIONAL SPECIFICATIONS

|                        |                                           |
|------------------------|-------------------------------------------|
| ABB type designation   | ACS880-37-0590A-7                         |
| Frame / module layout  | R11                                       |
| Energy / power quality | Ultra-low harmonic; typical THDi below 3% |

MANUFACTURER DOCUMENTATION

No manufacturer document is linked because exact-SKU or compatible-family evidence has not been recorded.

Document status: This is an InduMarket product specification summary, not a manufacturer-issued datasheet. It is generated from the catalog record for the exact part number. Any linked manufacturer document passed the SKU-compatibility evidence gate. Confirm ratings, compatibility, certifications and any successor reference before ordering.