

# SIEMENS

## Data sheet for MICROMASTER 430



Figure similar

MLFB-Ordering data                      6SE6430-2AD33-0DA0

Client order no. :  
Order no. :  
Offer no. :  
Remarks :

Item no. :  
Consignment no. :  
Project :

| Rated data                       |                     | General tech. specifications |               |
|----------------------------------|---------------------|------------------------------|---------------|
| Input                            |                     | Power factor λ               | 0.95          |
| Number of phases                 | 3 AC                | Efficiency η                 | 0.96          |
| Line voltage                     | 380 ... 480 V ±10 % | Ambient conditions           |               |
| Line frequency                   | 47 ... 63 Hz        | Cooling                      | Fan           |
| Rated current (LO)               | 59.00 A             | Ambient temperature          |               |
| Output                           |                     | Operation (LO)               | -10 ... 40 °C |
| Number of phases                 | 3 AC                | Transport                    | -40 ... 70 °C |
| Rated voltage                    | 480 V               | Storage                      | -40 ... 70 °C |
| Rated power (LO)                 | 30.00 kW / 40.00 hp |                              |               |
| Rated current (LO)               | 62.00 A             |                              |               |
| Pulse frequency                  | 4000 Hz             |                              |               |
| Output frequency for V/f control | 0 ... 650 Hz        |                              |               |

As a result of legal stipulations, a limit to 550 Hz is in production

### Overload capability

#### Low Overload (LO)

140 % output current for 3 s, followed by 110 % output current for 57 s followed by 100 % output current for 240 s in a 300 s cycle time

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Figure similar

| Mechanical data      |                     | Connections             |           |
|----------------------|---------------------|-------------------------|-----------|
| Degree of protection | IP20 / UL open type | Motor end               |           |
| Frame size           | FSD                 | Conductor cross-section | 35.00 mm² |
| Net weight           | 17.00 kg            |                         |           |
| Width                | 275.0 mm            |                         |           |
| Height               | 520.0 mm            |                         |           |
| Depth                | 245.0 mm            |                         |           |

| Inputs / outputs        |   |
|-------------------------|---|
| Standard digital inputs |   |
| Number                  | 6 |
| Relay output            |   |
| Number                  | 3 |
| Analog inputs           |   |
| Number                  | 2 |
| Analog outputs          |   |
| Number                  | 2 |
| PTC/ KTY interface      |   |
| Number                  | 1 |