





Figure similar

MLFB-Ordering data                      1FK7083-2AC71-1CB0

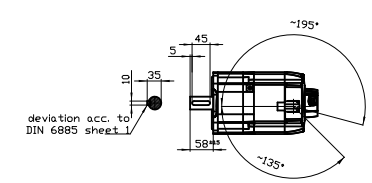
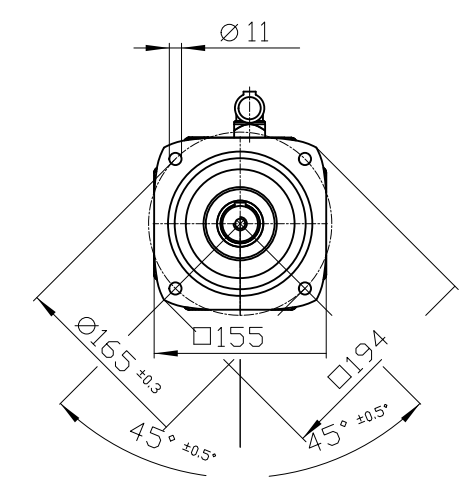
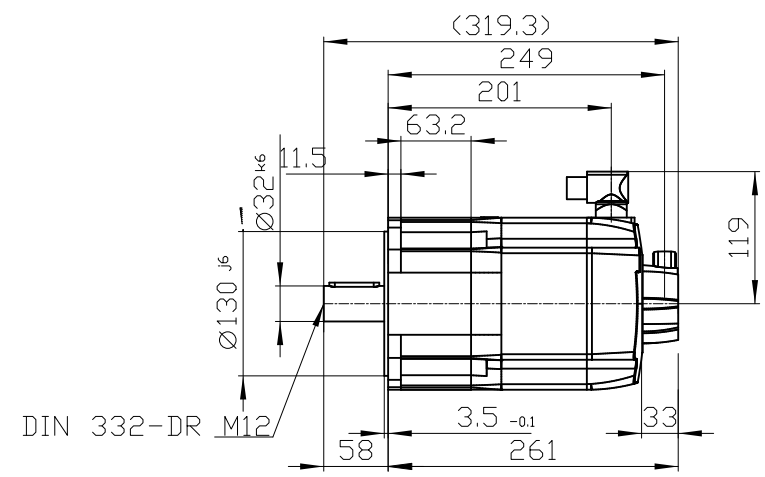
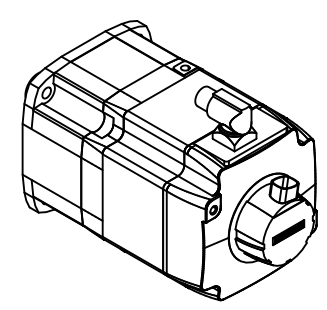
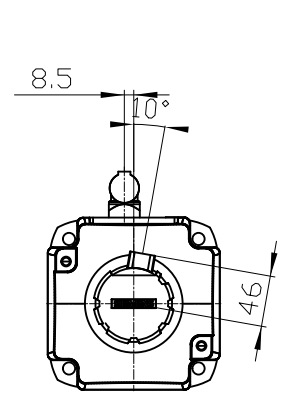
| Optimum operating point           |                        | Recommended Motor Module |          |
|-----------------------------------|------------------------|--------------------------|----------|
| Optimum speed                     | 2000 rpm               | Rated inverter current   | 9 A      |
| Optimum power                     | 2.6 kW                 | Maximum inverter current | 27 A     |
| Limiting data                     |                        | Maximum torque           | 49.30 Nm |
| Max. permissible speed (mech.)    | 6000 rpm               |                          |          |
| Max. permissible speed (inverter) | 4150 rpm               |                          |          |
| Maximum torque                    | 50.0 Nm                |                          |          |
| Maximum current                   | 27.5 A                 |                          |          |
| Holding brake                     |                        |                          |          |
| Holding brake version             | Permanent-magnet brake |                          |          |
| Holding torque                    | 22.0 Nm                |                          |          |
| Power supply voltage              | DC 24 V ± 10 %         |                          |          |
| Coil current                      | 0.9 A                  |                          |          |
| Opening time                      | 200 ms                 |                          |          |
| Closing time                      | 60 ms                  |                          |          |
| Highest braking work              | 1400 J                 |                          |          |

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Cod-drawing do not make any manual changes

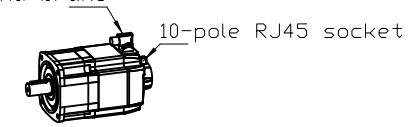
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Connector size 1 = M23;  
6-pole for power and brake



|            |         |                    |  |
|------------|---------|--------------------|--|
|            |         |                    |  |
| Unit       | mm [in] | 1FK7083-2AC71-1CB0 |  |
| Date       | 6/21/23 |                    |  |
| SIEMENS AG |         |                    |  |
|            |         |                    |  |
|            |         | DT                 |  |