



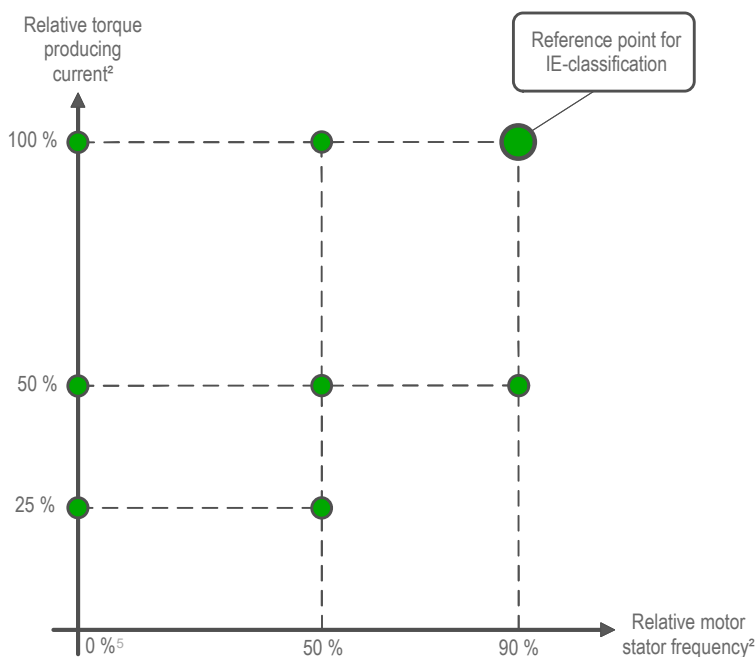
## Energy efficiency data 1 32F6A19-3B1E

Efficiency class

KEB IE 2

| Load point | rel. frequency <sup>2</sup> | rel. current <sup>2</sup> | rel. losses <sup>3</sup> | abs. losses <sup>4</sup> |
|------------|-----------------------------|---------------------------|--------------------------|--------------------------|
| 1          | 90 %                        | 100 %                     | 0,00 %                   | 0,0 W                    |
| 2          | 50 %                        | 100 %                     | 0,00 %                   | 0,0 W                    |
| 3          | 0 %                         | 100 %                     | 0,00 %                   | 0,0 W                    |
| 4          | 90 %                        | 50 %                      | 0,00 %                   | 0,0 W                    |
| 5          | 50 %                        | 50 %                      | 0,00 %                   | 0,0 W                    |
| 6          | 0 %                         | 50 %                      | 0,00 %                   | 0,0 W                    |
| 7          | 50 %                        | 25 %                      | 0,00 %                   | 0,0 W                    |
| 8          | 0 %                         | 25 %                      | 0,00 %                   | 0,0 W                    |
| Standby    | -                           | -                         | -                        | 183,70 W                 |

F6

Relative power losses  
in load points

## Device data

|                             |              |
|-----------------------------|--------------|
| Material number             | 32F6A19-3B1E |
| Series                      | F6           |
| Housing size                | 9            |
| Inverter size               | 32           |
| Rated input voltage         | 400V         |
| Rated motor power           | 400kW        |
| Rated apparent output power | 492kVA       |
| Rated output current        | 710A         |
| Rated switching frequency   | 8kHz         |

- 1) All power loss data are valid for an ambient temperature of 45 °C and refer to the operation at rated switching frequency with maximum cooling capability. The data are applicable for the base device with control board APPLICATION and safety module Type 1. Alternative device variants with different control electronics do not lead to any significant change in the loss data.
- 2) The load points are specified by EN 61800-9-2 and are defined through the "relative torque producing current" and the "relative motor stator frequency". The purpose of these parameters is to depict the power losses of drives with motors in comparable load points.
- 3) The relative power losses refer to the rated apparent output power of the inverter and are decisive for the normative classification according to EN 61800-9-2.
- 4) All power loss data are only current test values, that are subject to change.
- 5) In accordance to EN 61800-9-2, it is permissible to measure the power losses in load points with 0 % relative motor stator frequency at an absolute stator frequency of 5 Hz.