1. Nameplate

Valid Types: ACA, FCA, FCPA, ACM, FCM, FCMP, ACR, ACL, FCPR, FCPL, ACY, FCY, FCPY, AMY, FMY, FYMP, AYR, AYL, FYMR, FYML, AGS, FGS, FGSP, AWM, FWM, FWMP, AWL, AWR, FWMR, FWML, ABA, FBA, FBPA, ABS, FBS, FBSP

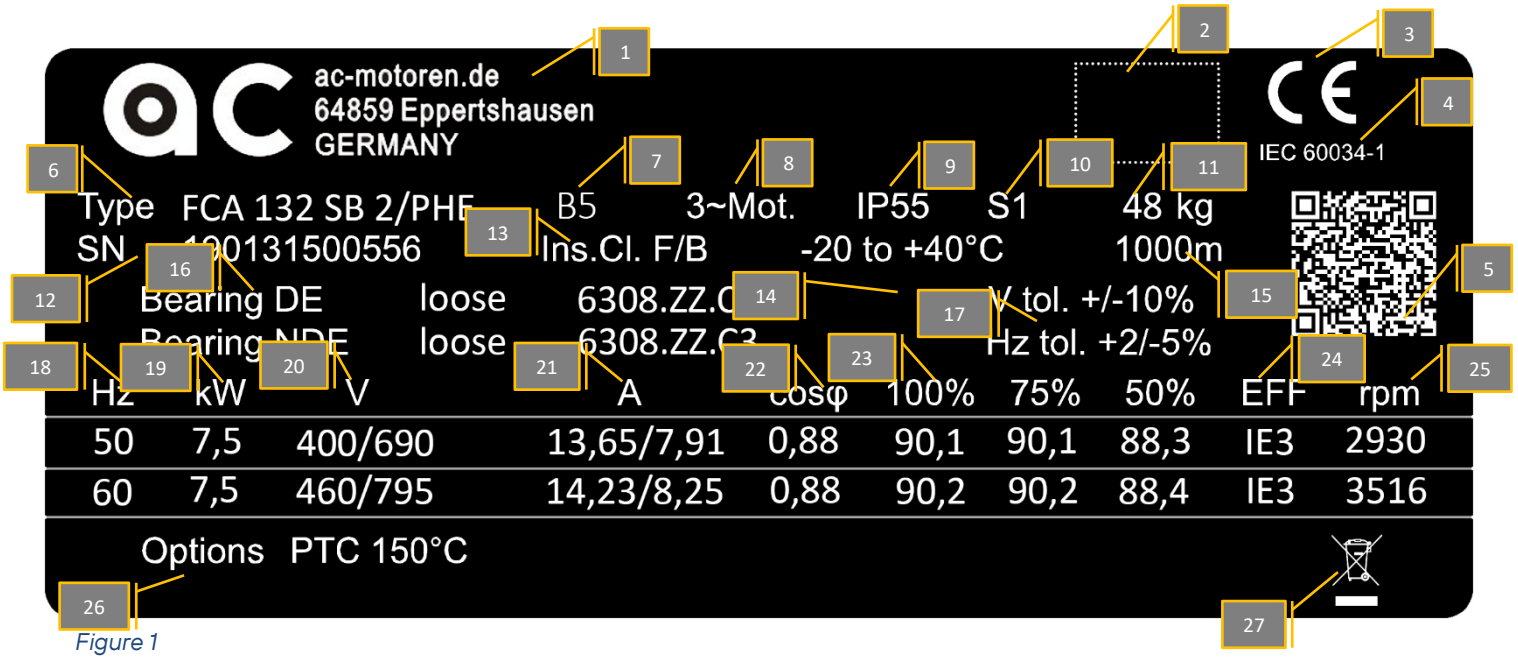

Figure 1

Deviations of the content possible depending on the nameplate size

1	Company logo and address	15	Installation height
2	Other markings	16	Ball bearing A- and B-side
3	CE marking	17	Voltage and frequency tolerance
4	IEC standard specification	18	Frequency
5	QR Code	19	Power
6	Type designation (explanation, chapter 2 Type code)	20	Voltage and circuit
7	Type of construction	21	Rated current
8	Motor type	22	Power factor
9	Protection class	23	Efficiency
10	Operating mode	24	Efficiency class
11	Weight	25	Speed
12	Serial number (digits 1-2 = year, digits 3-4 = month)	26	Additional information (miscellaneous)
13	Insulation class	27	WEEE mark
14	Ambient temperature		

Table 1

2. Type code AC motors

Type key explained by means of an example.

Type	Size	Housing	Number of Poles	Efficiency
FCA	132	MA	4	PHE

Overview Size

Size	Shaft height (foot to center shaft)
56	56mm
63	63mm
71	71mm
80	80mm
90	90mm
100	100mm
112	112mm
132	132mm

Size	Shaft height (foot to center shaft)
160	160mm
180	180mm
200	200mm
225	225mm
250	250mm
280	280mm
315	315mm
355	355mm

Table 2

Overview housing

* If no service code number is specified, there is only one service in this combination

Housing design	Description
S	Housing size 1, short
M	Housing size 2, medium
L	Housing size 3, long
X	Housing size 4, extra long (special housing)

Performance index*	Power level
A	1 (standard motors)
B	2 (standard motors)
C	3 (progressive motors)
D	4 (progressive motors)

Table 3

Number of poles overview

Number of poles	Speed
2	≈ 3000 rpm
4	≈ 1500 rpm
6	≈ 1000 rpm
8	≈ 750 rpm

Performance indicator *	Speed
2/4	≈ 3000/1500 rpm
4/6	≈ 1500/1000 rpm
4/8	≈ 1500/750 rpm
6/8	≈ 1000/750 rpm

Table 4

Efficiency class overview

Efficiency	Efficiency class
-	IE1 - Without classification
/HE	IE2 - High Efficiency
/PHE	IE3 - Premium High Efficiency
/SPE	IE4 - Super Premium Efficiency

Table 5