

## Energy Efficiency Certificate

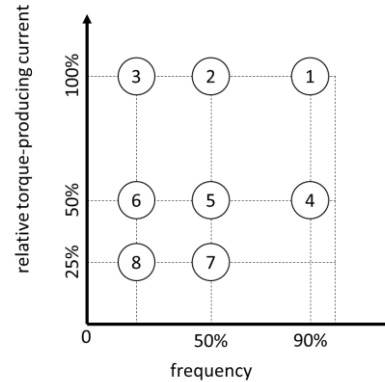
Ver.1.01

Drive efficiency according to IEC/EN 61800-9-2 (supersedes EN 50598-2)

(1) **Power Losses:** (kW)

③	②	①
0.79	0.52	0.87
⑥	⑤	④
0.71	0.35	0.46
⑧	⑦	SBL
0.34	0.41	0.05

SBL···Stand by Loss



(2) **Efficiency Level:**

'IE2'

(3) **Manufacturer's Name:**

Hitachi Industrial Equipment Systems Co., Ltd.  
1-1, Higashinarashino 7-chome Narashino-shi,  
Chiba-ken, 275-8611 JAPAN

(4) **Product's Model Identifier:**

P1-01160-HF

followed by any letter(s) or none

(5) **Apparent Output Power**

63.0 (kVA) (400V, ND)

(6) **Rated Power Output**

45.00 (kW) (ND)

(7) **Rated Output Current**

91 (A) (ND)

(8) **Maximum Operating Temperature**

50°C (with derating over 40°C)

(9) **Rated Supply Frequency(s)**

50/60Hz±5%

(10) **range of rated supply voltage**

380V-15%~500V+10%