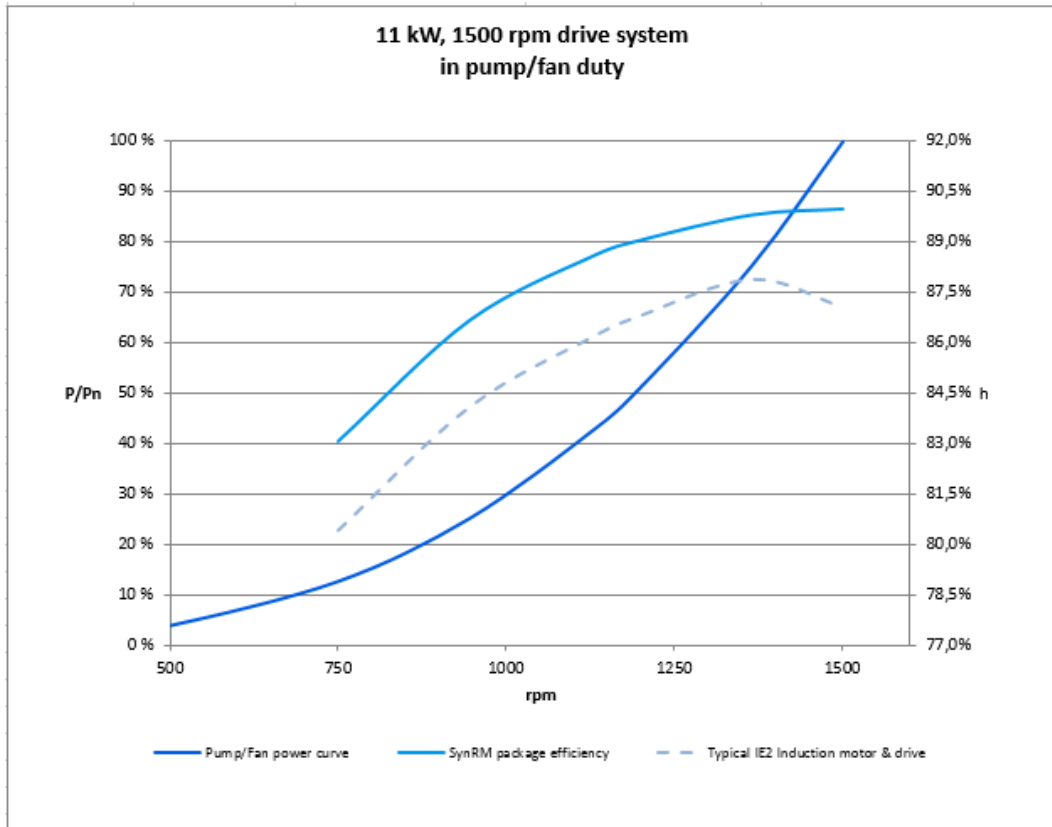


Manufacturer's statement

ACS880-01 and IE4 SynRM motor package efficiency

Drive: ACS880-01-25A5-3
 Motor: M3AL 132SMC, 3GAL132233-ASC, P_n 11 kW, 1500 rpm

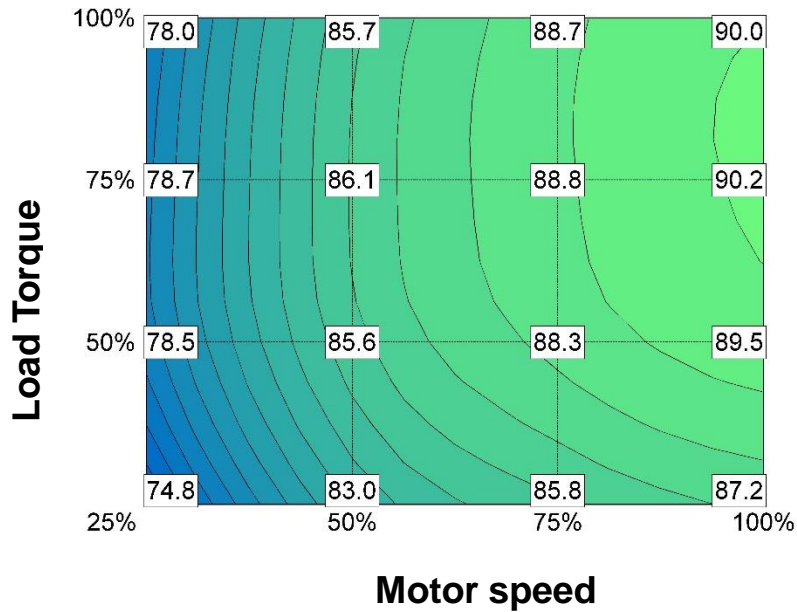


Speed	Speed rpm	P/P _n	Package efficiency
50 % **	750	13 % **	83,1 %
63 %	945	25 %	86,7 %
75 %	1125	42 %	88,6 %
80 %	1200	51 %	89,1 %
91 %	1365	75 %	89,8 %
100 % **	1500	100 % **	90,0 %

*Estimated tolerance according to IEC 60034-1:
 ≤150kW: 0.15 x (100 – package efficiency (%)) at the nominal point
 >150kW: 0.10 x (100 – package efficiency (%)) at the nominal point

**Measurement point according to EN 50598-2

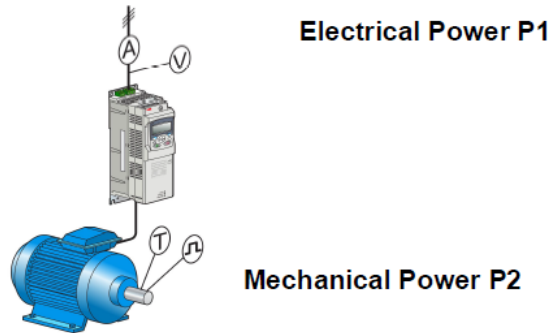
Package efficiency [%] for applications with other load characteristics:



Color scales are comparable within following power ranges:

- 1 to 3 kW
- >3 to 15 kW
- >15 to 350 kW

Points of measurement



Efficiency $\eta = P2/P1$

Efficiency measurements were made at:

ABB verification laboratory, Vaasa	X	ABB verification laboratory, Västerås
ABB verification laboratory, Helsinki		