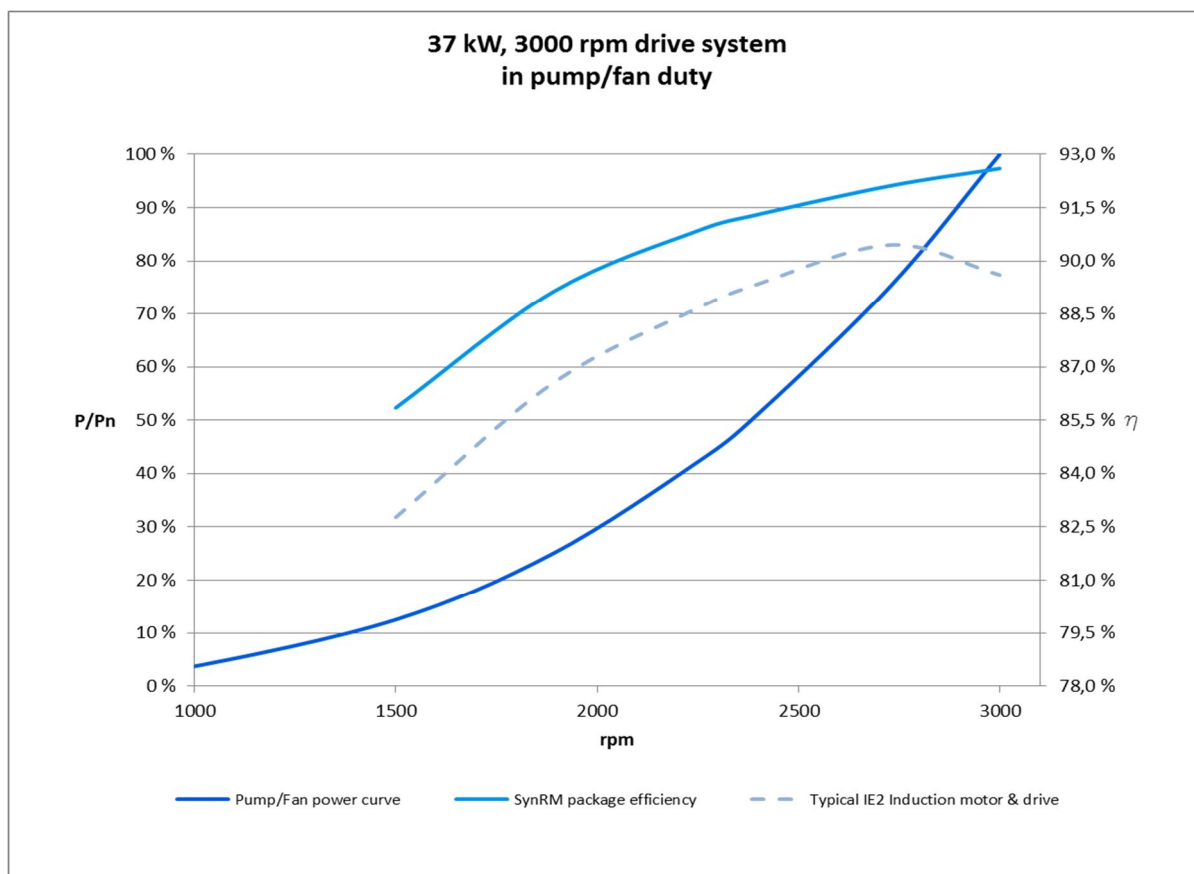


Manufacturer's statement

ACS880-01 and IE4 SynRM motor package efficiency

Drive: ACS880-01-085A-3

Motor: M3BL 200MLB, 3GBL202102-ASC, P_n 37 kW, 3000 rpm

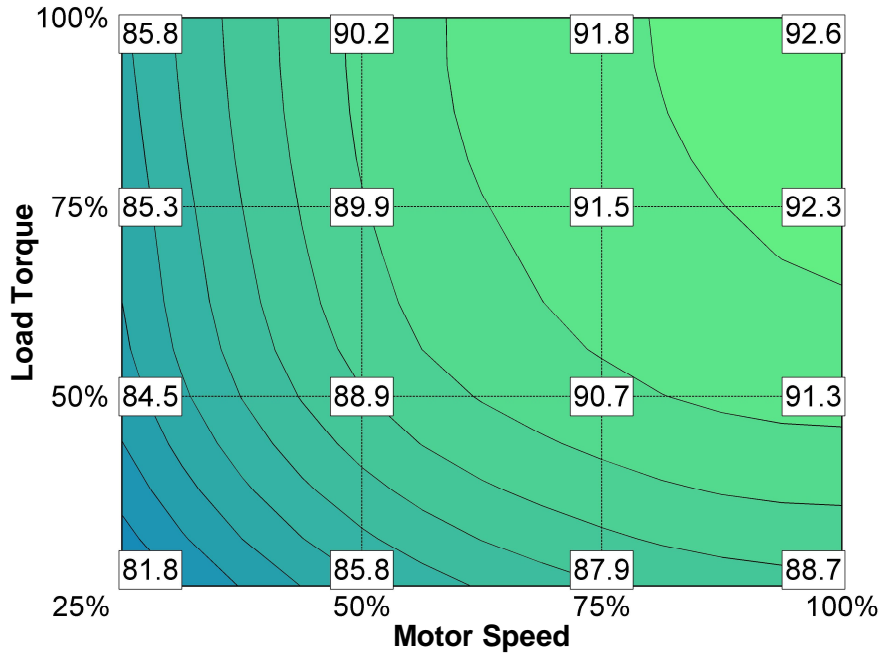


Speed	Speed rpm	P/P _n	Package efficiency
50 %**	1500	13 %**	85.8 %
63 %	1890	25 %	89.1 %
75 %	2250	42 %	90.9 %
80 %	2400	51 %	91.3 %
91 %	2730	75 %	92.1 %
100 %**	3000	100 %**	92.6 %*

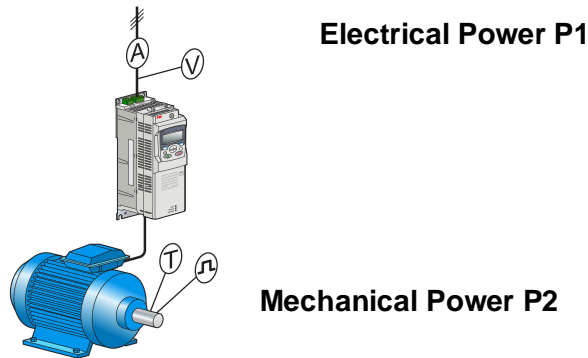
*Estimated tolerance according to IEC 60034-1:
 ≤150kW: 0.15 x (100 - package efficiency (%)) at the nominal point
 >150kW: 0.10 x (100 - package efficiency (%)) at the nominal point

**Measurement points according to EN 50598-2

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



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		