

Efficiency documentation for 50/60Hz three-phase Squirrel-Cage-Motors

Motor type: 0CV4164C8

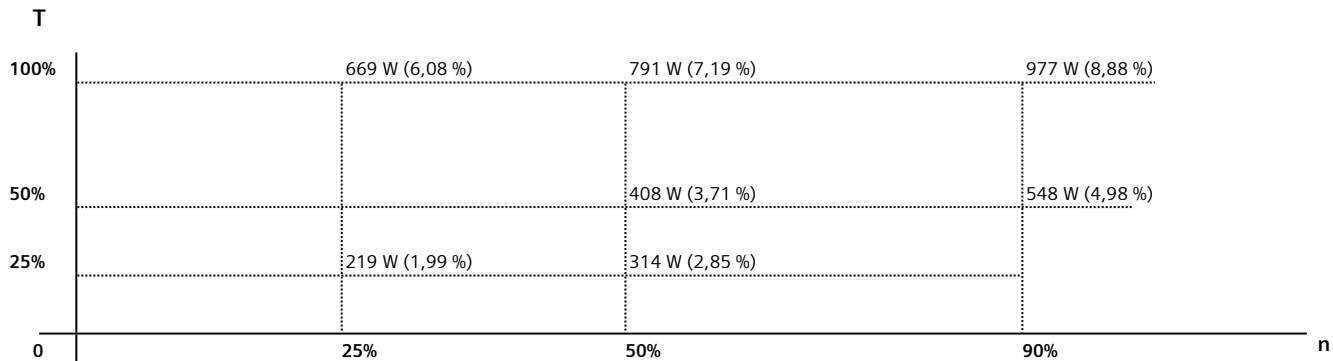
Client order no.	Item-No.	Offer no.
Order no.	Consignment no.	Project

Remarks

General data ¹						
U _N [V]	D/Y	f _N [Hz]	P _N [kW]	I _N [A]	n _N [1/min]	T _N [Nm]
380	Δ	50	11.00	23.5	985	107.0

Power losses acc. to COMMISSION REGULATION (EU) 2019/1781			
Operating point	Losses P_L [W]	Relative losses P_L/P_N [%]	Voltage [V]
P1 (90/100)	977	8.88	343
P2 (50/100)	791	7.19	196
P3 (25/100)	669	6.08	104
P4 (90/50)	548	4.98	335
P5 (50/50)	408	3.71	189
P6 (50/25)	314	2.85	186
P7 (25/25)	219	1.99	95

Map of losses - relative losses P_L/P_N [%]




Notes:

T as relative T: T/T_N [%]

-1: at 40 degrees Celsius and 1000 meters

n as relative n: n/n_N [%]

Responsible department IN LVM	Technical reference	Created by	Approved by				
	Document type Datasheet			Document status Released			
	Document title 1TL8014-1DC43-3AA4-Z			Document number			
© INNOMOTICS 2024	D24		Revision 743	Creation date 2024-10-31 07:13		Language en	Page 1/1