

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

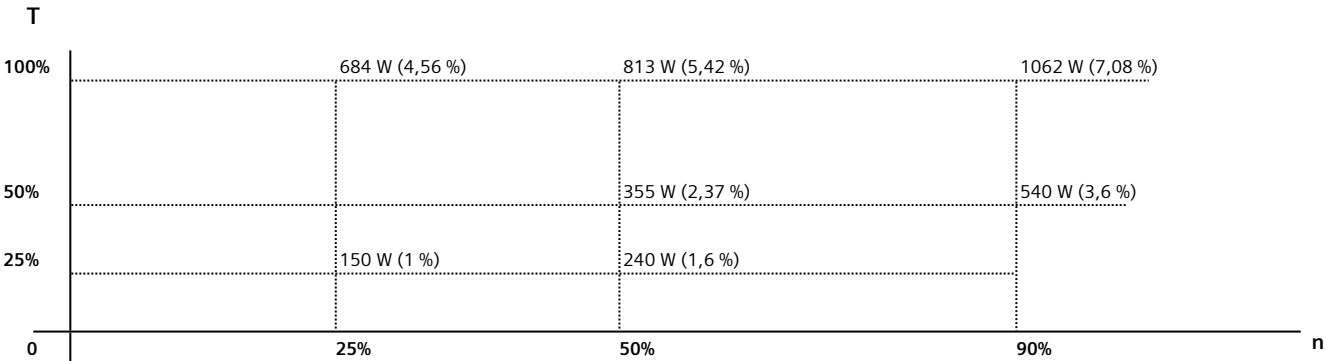
Motor type: 0CV4163A8

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	15.00	27.5	2960	48.4

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)	1062	7.08	343
P2 (50/100)	813	5.42	196
P3 (25/100)	684	4.56	104
P4 (90/50)	540	3.6	337
P5 (50/50)	355	2.37	190
P6 (50/25)	240	1.6	187
P7 (25/25)	150	1	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	Technical reference	Created by	Approved by					
IN LVM								
	Document type				Document status			
	Datasheet				Released			
	Document title				Document number			
	1TL8014-1DA33-3AA4-Z							
	D24				Revision	Creation date	Language	Page
© INNOMOTICS 2024					743	2024-10-31 07:11	en	1/1