

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

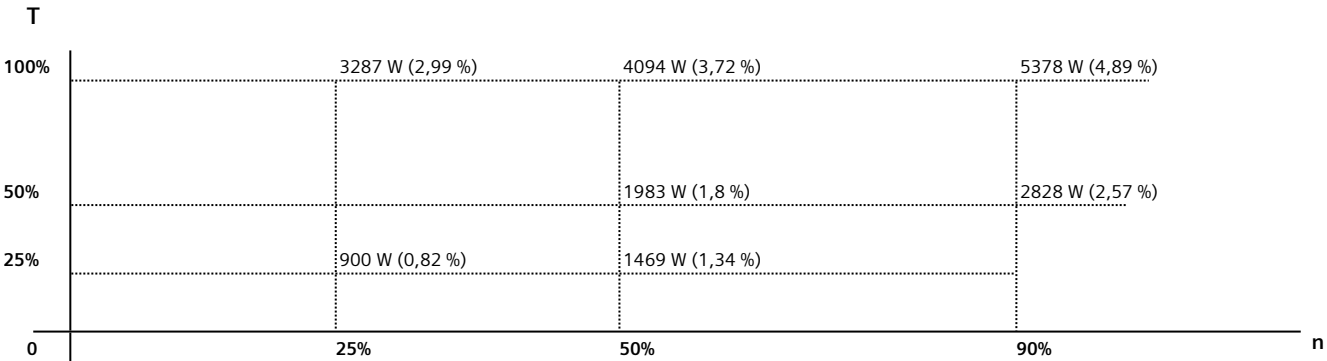
Motor type: 0CV4315C8

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	110.00	210	992	1059.0

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)	5378	4.89	343
P2 (50/100)	4094	3.72	193
P3 (25/100)	3287	2.99	100
P4 (90/50)	2828	2.57	337
P5 (50/50)	1983	1.8	189
P6 (50/25)	1469	1.34	187
P7 (25/25)	900	0.82	94

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	
	1TL8014-3AC53-3AA4-Z				
	D24		Revision	Creation date	Language Page
© INNOMOTICS 2024			743	2024-10-31 07:41	en 1/1