

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

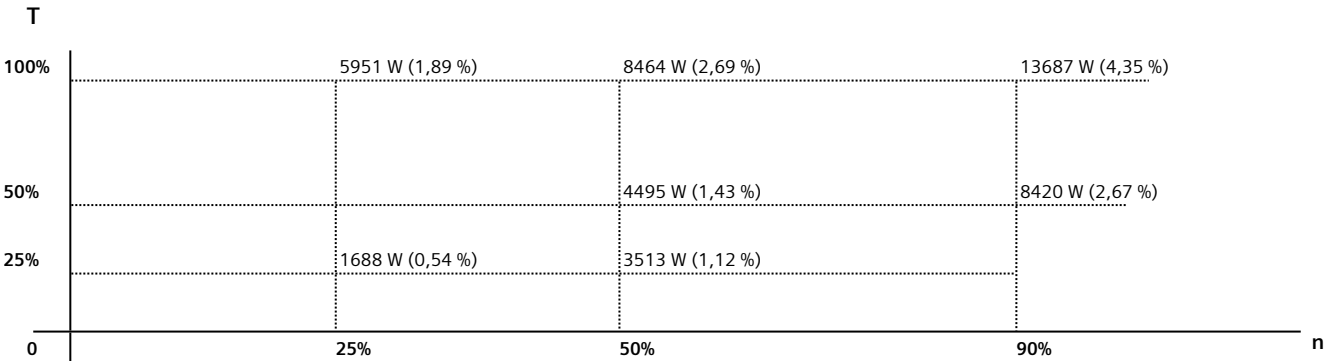
Motor type: 0CV4356A8

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	315.00	550	2982	1009.0

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)	13687	4.35	341
P2 (50/100)	8464	2.69	192
P3 (25/100)	5951	1.89	98
P4 (90/50)	8420	2.67	338
P5 (50/50)	4495	1.43	189
P6 (50/25)	3513	1.12	188
P7 (25/25)	1688	0.54	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			
	1TL8014-3BA63-3AA4-Z							
	D24				Revision	Creation date	Language	Page
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