

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

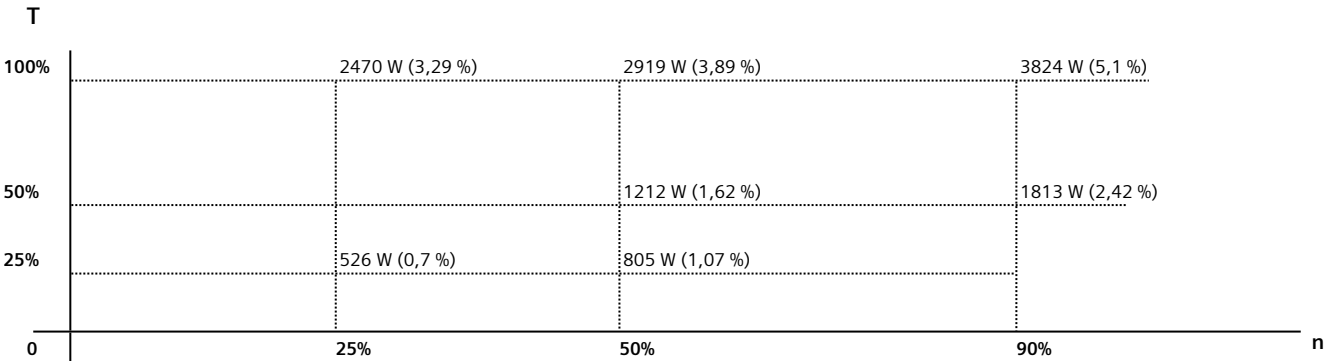
Motor type: 0CV4310C8

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	75.00	144	991	723.0

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)	3824	5.1	343
P2 (50/100)	2919	3.89	194
P3 (25/100)	2470	3.29	101
P4 (90/50)	1813	2.42	335
P5 (50/50)	1212	1.62	188
P6 (50/25)	805	1.07	186
P7 (25/25)	526	0.7	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	
	1TL8014-3AC03-3AA4-Z				
	D24		Revision	Creation date	Language Page
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