

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

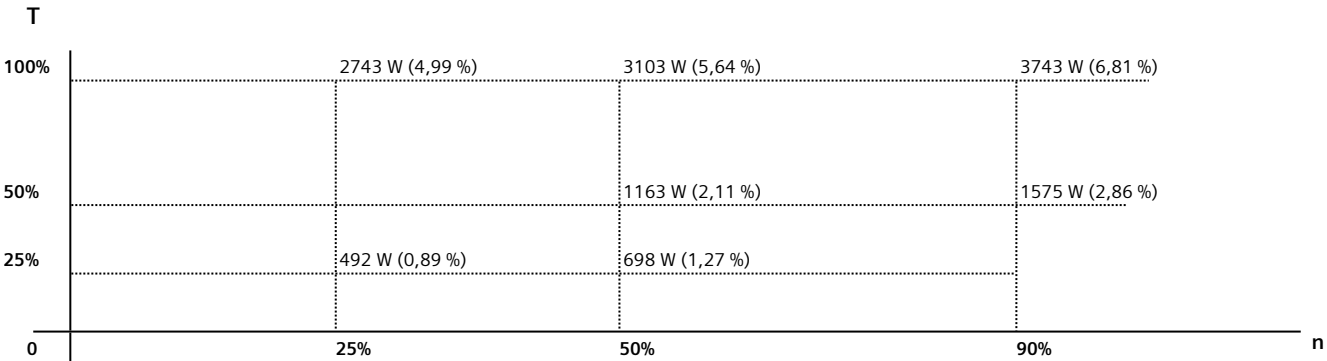
Motor type: 0CV4310D8

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	55.00	111	738	712.0

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)	3743	6.81	343
P2 (50/100)	3103	5.64	195
P3 (25/100)	2743	4.99	103
P4 (90/50)	1575	2.86	332
P5 (50/50)	1163	2.11	187
P6 (50/25)	698	1.27	184
P7 (25/25)	492	0.89	93

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			
	1TL8014-3AD03-3AA4-Z							
	D24				Revision	Creation date	Language	Page
© INNOMOTICS 2024					743	2024-10-31 07:41	en	1/1