

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

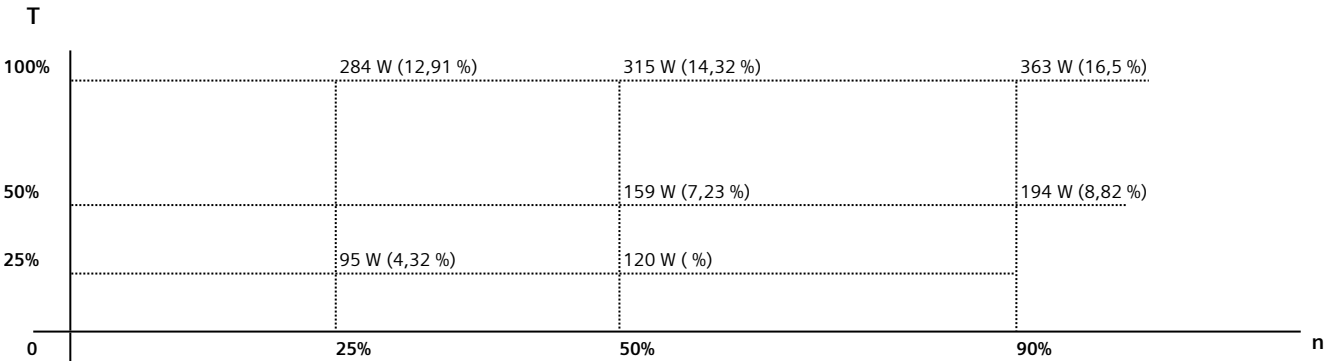
Motor type: 0CV4130D8

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	Y	50	2.20	5.7	725	29.0

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)	363	16.5	343
P2 (50/100)	315	14.32	203
P3 (25/100)	284	12.91	114
P4 (90/50)	194	8.82	330
P5 (50/50)	159	7.23	190
P6 (50/25)	120	5.45	184
P7 (25/25)	95	4.3	96

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				
	Document title	Document number			
	1TL8014-1CD02-1AA4-Z				
	D24	Revision	Creation date	Language	Page
© INNOMOTICS 2024		743	2024-10-31 07:11	en	1/1