

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

Motor type: 0CV3280C

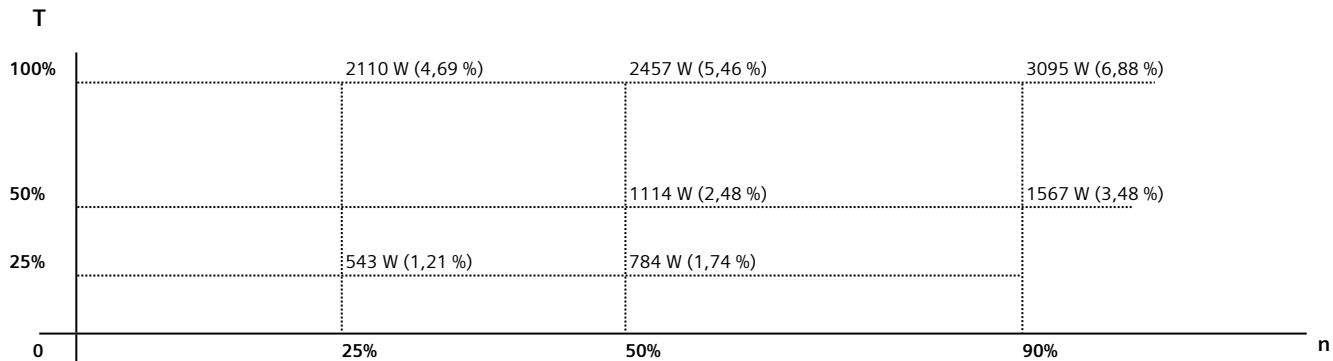
Client order no.	Item-No.	Offer no.
Order no.	Consignment no.	Project

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	45.00	87	988	435.0

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)	3095	6.88	362
P2 (50/100)	2457	5.46	206
P3 (25/100)	2110	4.69	108
P4 (90/50)	1567	3.48	354
P5 (50/50)	1114	2.48	199
P6 (50/25)	784	1.74	196
P7 (25/25)	543	1.21	100

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 IN LVM	Technical reference	Created by	Approved by			
	Document type Datasheet		Document status Released			
	Document title 1TL0013-2DC03-3AA4-Z		Document number			
© INNOMOTICS 2024	W12		Revision 743	Creation date 2024-10-31 06:54	Language en	Page 1/1