

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

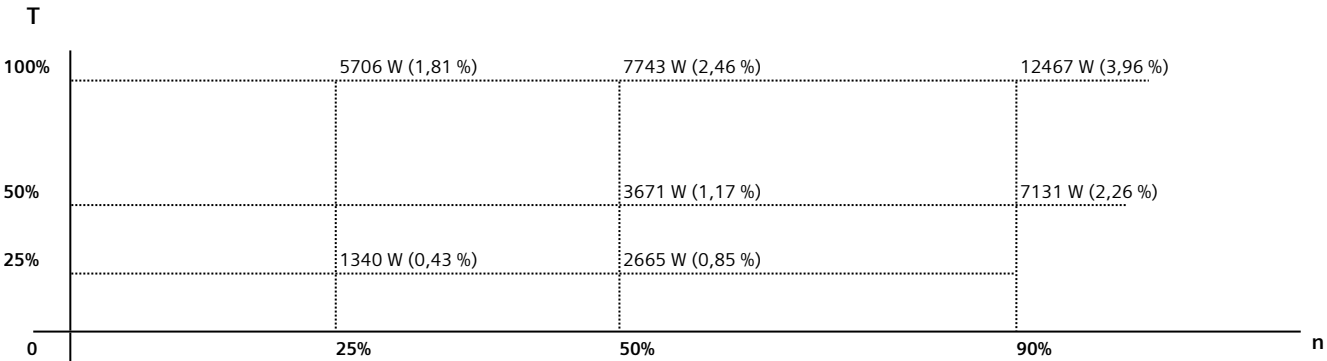
Motor type: 0CV3356A

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

General data <sup>1</sup>						
U <sub>N</sub> [V]	D/Y	f <sub>N</sub> [Hz]	P <sub>N</sub> [kW]	I <sub>N</sub> [A]	n <sub>N</sub> [1/min]	T <sub>N</sub> [Nm]
380	Δ	50	315.00	560	2982	1009.0

Power losses acc. to COMMISSION REGULATION (EU) 2019/1781			
Operating point	Losses P <sub>L</sub> [W]	Relative losses P <sub>L</sub> /P <sub>N</sub> [%]	Voltage [V]
P1 (90/100)	12467	3.96	360
P2 (50/100)	7743	2.46	202
P3 (25/100)	5706	1.81	103
P4 (90/50)	7131	2.26	357
P5 (50/50)	3671	1.17	199
P6 (50/25)	2665	0.85	198
P7 (25/25)	1340	0.43	99

Map of losses - relative losses P<sub>L</sub>/P<sub>N</sub> [%]




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			
	1TL0013-3BA63-3AA4-Z				
	W12	Revision	Creation date	Language	Page
© INNOMOTICS 2024		743	2024-10-31 06:56	en	1/1