

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

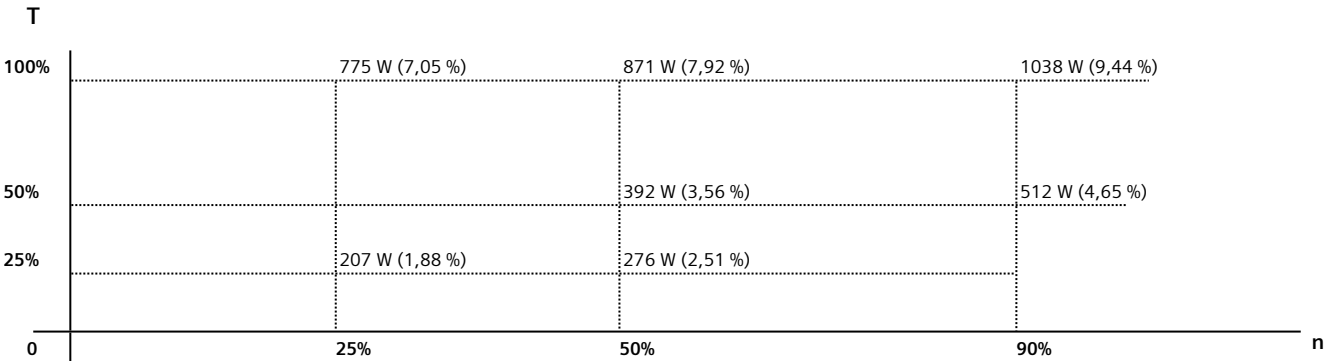
Motor type: 0CV4184D8


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	11.00	25	734	143.0

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)	1038	9.44	343
P2 (50/100)	871	7.92	197
P3 (25/100)	775	7.05	106
P4 (90/50)	512	4.65	333
P5 (50/50)	392	3.56	189
P6 (50/25)	276	2.51	185
P7 (25/25)	207	1.88	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					
		1TL8014-1ED43-3AA4-Z									
© INNOMOTICS 2024		D24				Revision		Creation date		Language	Page
						743		2024-10-31 07:15		en	1/1