

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

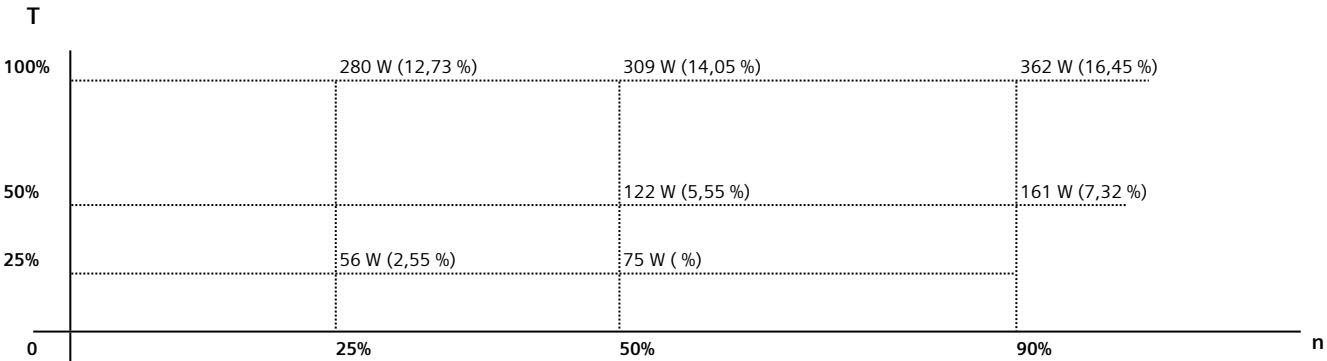
Motor type: 0CV3094A


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	Y	50	2.20	4.4	2890	7.3

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)	362	16.45	363
P2 (50/100)	309	14.05	218
P3 (25/100)	280	12.73	127
P4 (90/50)	161	7.32	347
P5 (50/50)	122	5.55	201
P6 (50/25)	75	3.41	192
P7 (25/25)	56	2.5	101

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



<b>Notes:</b>							
T as relative T: T/T <sub>N</sub> [%]				-1: at 40 degrees Celsius and 1000 meters			
n as relative n: n/n <sub>N</sub> [%]							
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