

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

Motor type: 0CV3222B

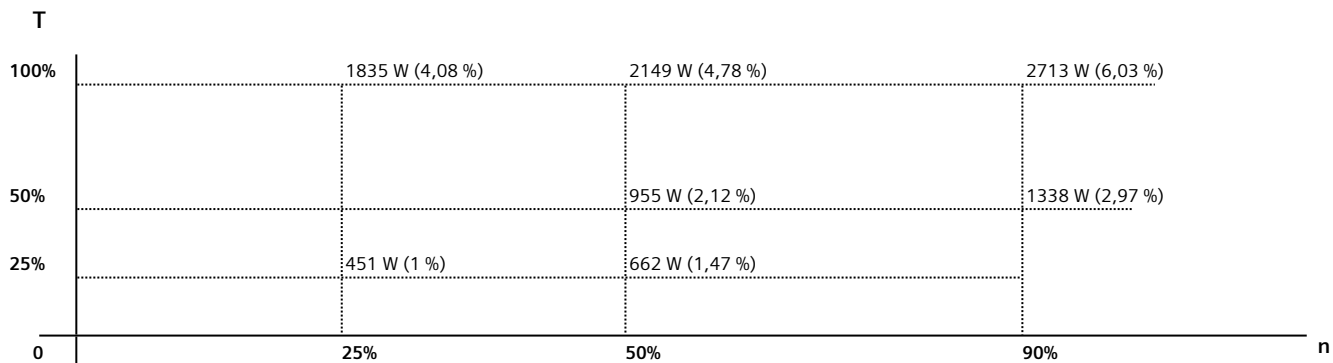
Client order no.	Item-No.	Offer no.
Order no.	Consignment no.	Project

Remarks
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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	45.00	85	1482	290.0

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)	2713	6.03	362
P2 (50/100)	2149	4.78	205
P3 (25/100)	1835	4.08	108
P4 (90/50)	1338	2.97	355
P5 (50/50)	955	2.12	199
P6 (50/25)	662	1.47	197
P7 (25/25)	451	1	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:  $n/n_N$  [%]

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