

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

Motor type: 0CV3112A

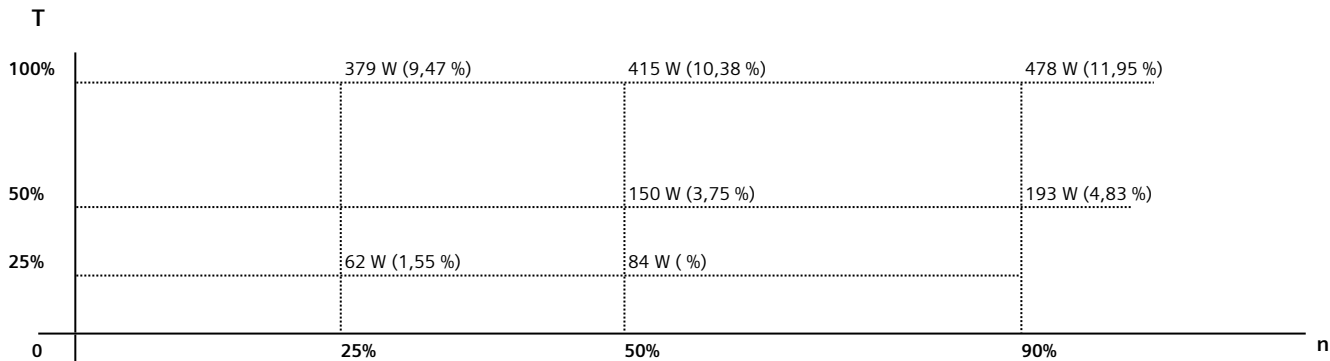
Client order no.	Item-No.	Offer no.
Order no.	Consignment no.	Project

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	4.00	7.7	2915	13.1

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)	478	11.95	363
P2 (50/100)	415	10.38	214
P3 (25/100)	379	9.47	121
P4 (90/50)	193	4.83	349
P5 (50/50)	150	3.75	200
P6 (50/25)	84	2.1	194
P7 (25/25)	62	1.6	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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