

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

Motor type: 0CV4205D8

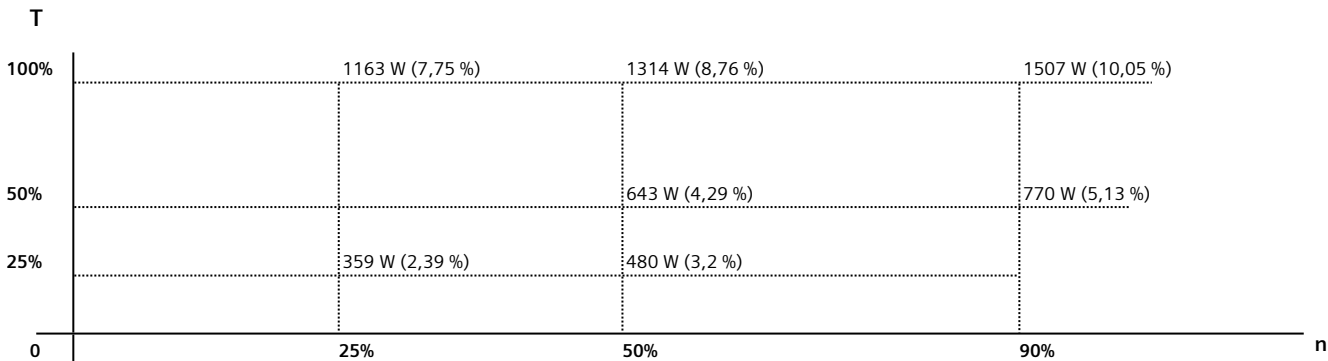
Client order no.	Item-No.	Offer no.
Order no.	Consignment no.	Project

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	15.00	33.5	736	195.0

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)	1507	10.05	342
P2 (50/100)	1314	8.76	198
P3 (25/100)	1163	7.75	107
P4 (90/50)	770	5.13	333
P5 (50/50)	643	4.29	189
P6 (50/25)	480	3.2	185
P7 (25/25)	359	2.39	95

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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