

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

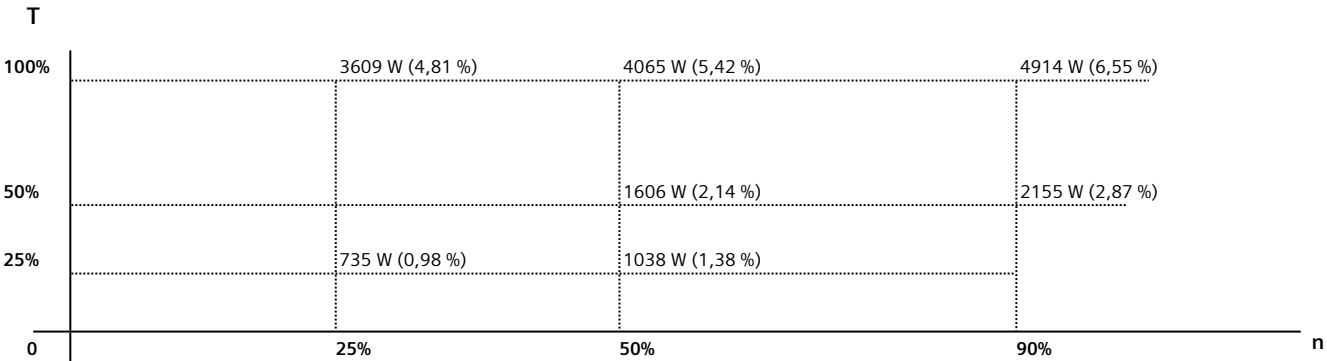
Motor type: 0CV4312D8


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	75.00	151	740	968.0

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)	4914	6.55	343
P2 (50/100)	4065	5.42	195
P3 (25/100)	3609	4.81	102
P4 (90/50)	2155	2.87	334
P5 (50/50)	1606	2.14	188
P6 (50/25)	1038	1.38	185
P7 (25/25)	735	0.98	94

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



Notes:											
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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