

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

Motor type: 0CV4282A8

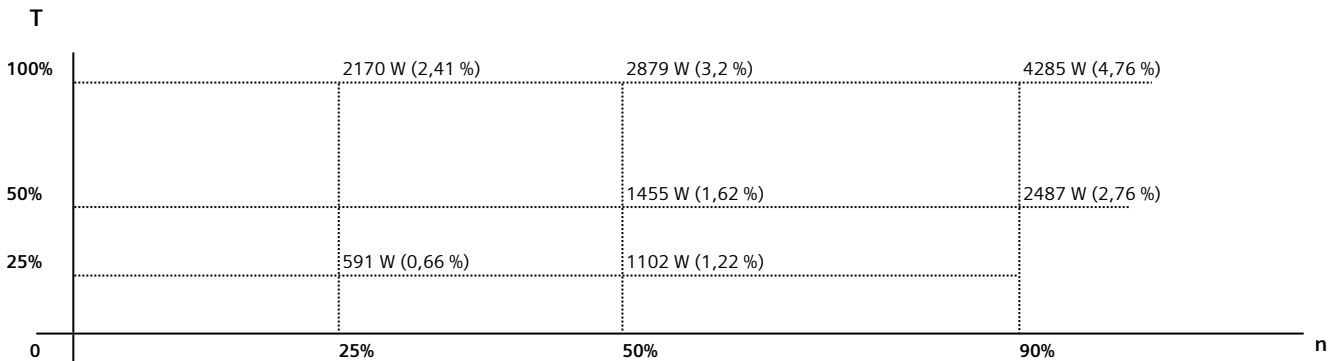
Client order no.	Item-No.	Offer no.
Order no.	Consignment no.	Project

Remarks

General data ¹						
U _N [V]	D/Y	f _N [Hz]	P _N [kW]	I _N [A]	n _N [1/min]	T _N [Nm]
380	Δ	50	90.00	159	2980	288.0

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)	4285	4.76	342
P2 (50/100)	2879	3.2	193
P3 (25/100)	2170	2.41	99
P4 (90/50)	2487	2.76	338
P5 (50/50)	1455	1.62	189
P6 (50/25)	1102	1.22	188
P7 (25/25)	591	0.66	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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