

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

Motor type: 0CV3104C

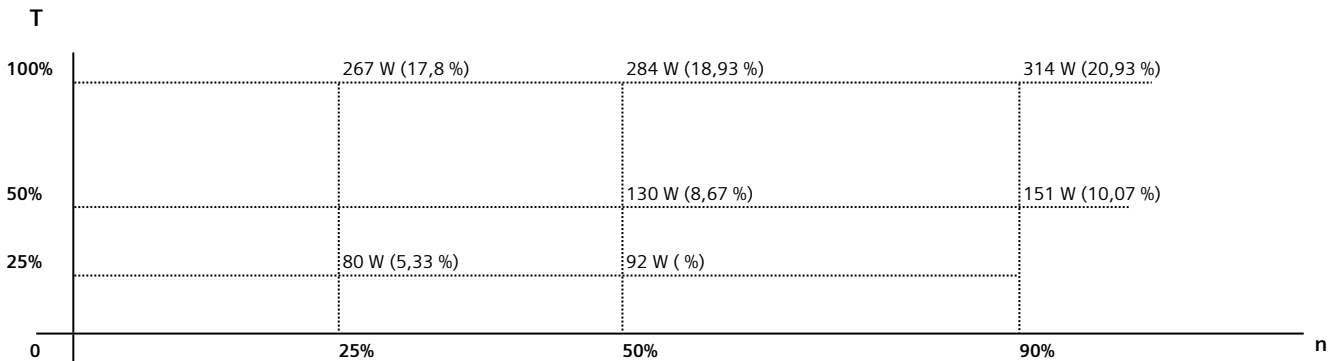
Client order no.	Item-No.	Offer no.
Order no.	Consignment no.	Project

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	Y	50	1.50	3.75	950	15.1

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)	314	20.93	363
P2 (50/100)	284	18.93	219
P3 (25/100)	267	17.8	129
P4 (90/50)	151	10.07	345
P5 (50/50)	130	8.67	200
P6 (50/25)	92	6.13	191
P7 (25/25)	80	5.3	102

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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