

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

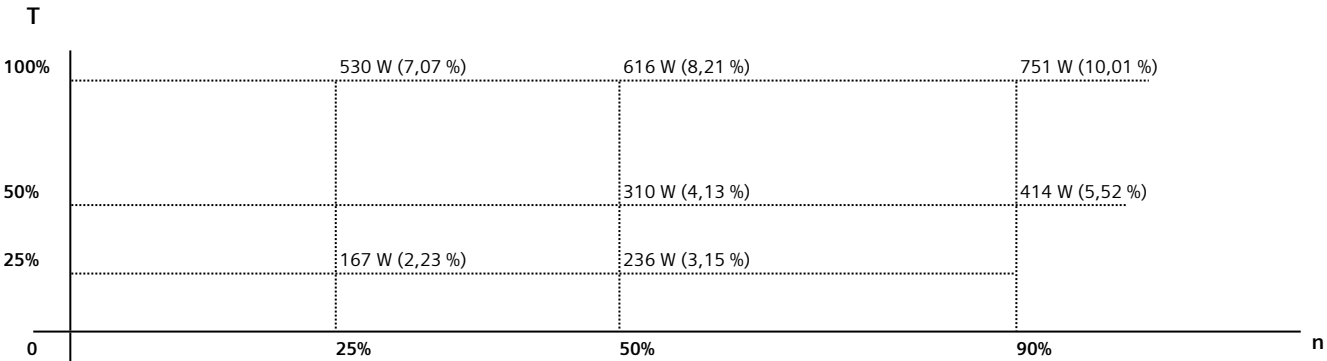
Motor type: 0CV4162C8


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	7.50	16.4	984	72.8

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)	751	10.01	343
P2 (50/100)	616	8.21	197
P3 (25/100)	530	7.07	105
P4 (90/50)	414	5.52	335
P5 (50/50)	310	4.13	189
P6 (50/25)	236	3.15	186
P7 (25/25)	167	2.23	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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