

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

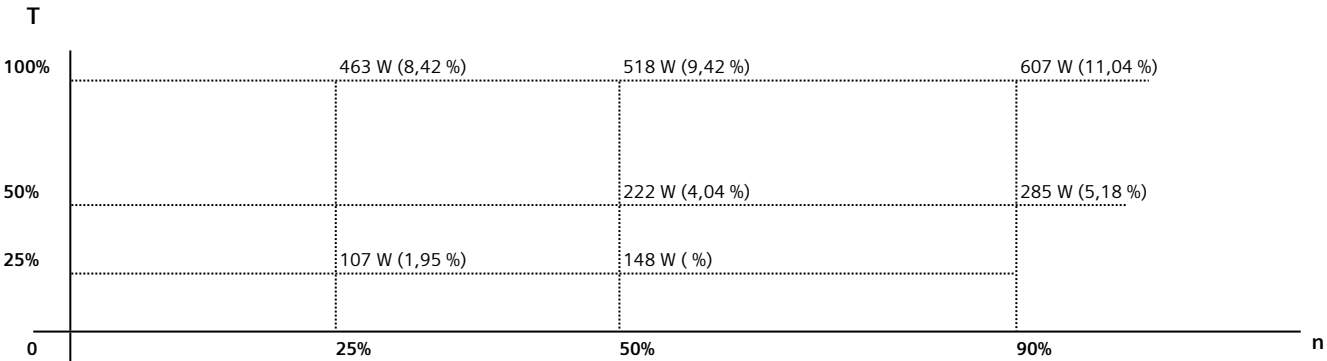
Motor type: 0CV3130B


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	5.50	11.1	1455	36.1

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)	607	11.04	361
P2 (50/100)	518	9.42	211
P3 (25/100)	463	8.42	116
P4 (90/50)	285	5.18	349
P5 (50/50)	222	4.04	199
P6 (50/25)	148	2.69	193
P7 (25/25)	107	1.9	100

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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