

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

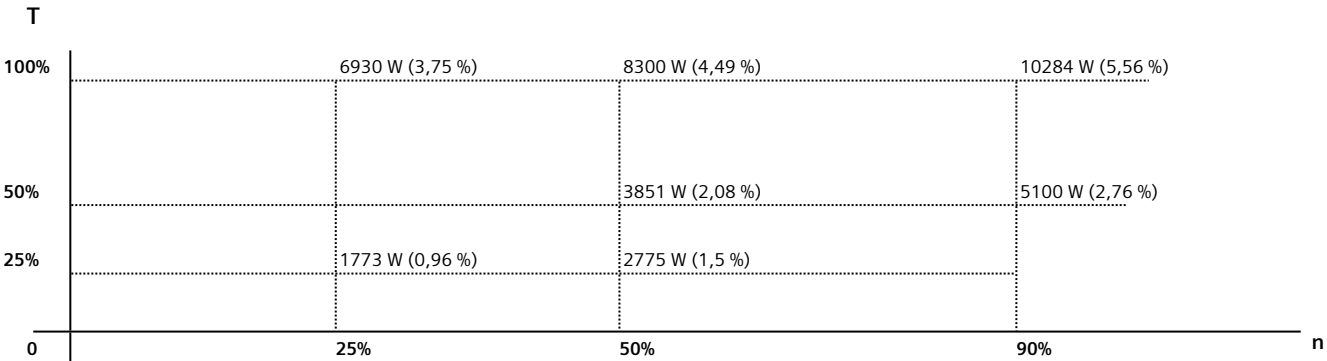
Motor type: 0CV4355D8

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	185.00	360	743	2378.0

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)	10284	5.56	343
P2 (50/100)	8300	4.49	194
P3 (25/100)	6930	3.75	101
P4 (90/50)	5100	2.76	337
P5 (50/50)	3851	2.08	189
P6 (50/25)	2775	1.5	187
P7 (25/25)	1773	0.96	94

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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