

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

Motor type: 0CV3163A

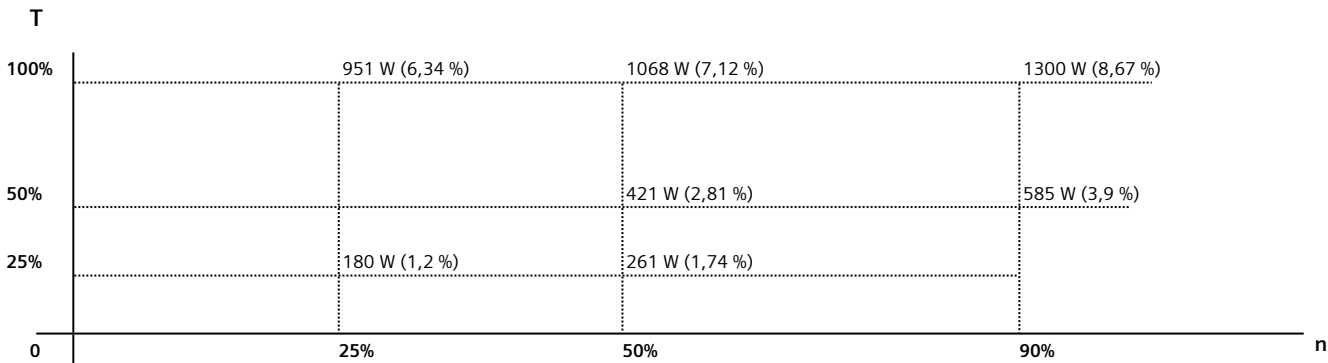
Client order no.	Item-No.	Offer no.
Order no.	Consignment no.	Project

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	15.00	28	2935	48.8

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)	1300	8.67	361
P2 (50/100)	1068	7.12	209
P3 (25/100)	951	6.34	113
P4 (90/50)	585	3.9	352
P5 (50/50)	421	2.81	200
P6 (50/25)	261	1.74	195
P7 (25/25)	180	1.2	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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