

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

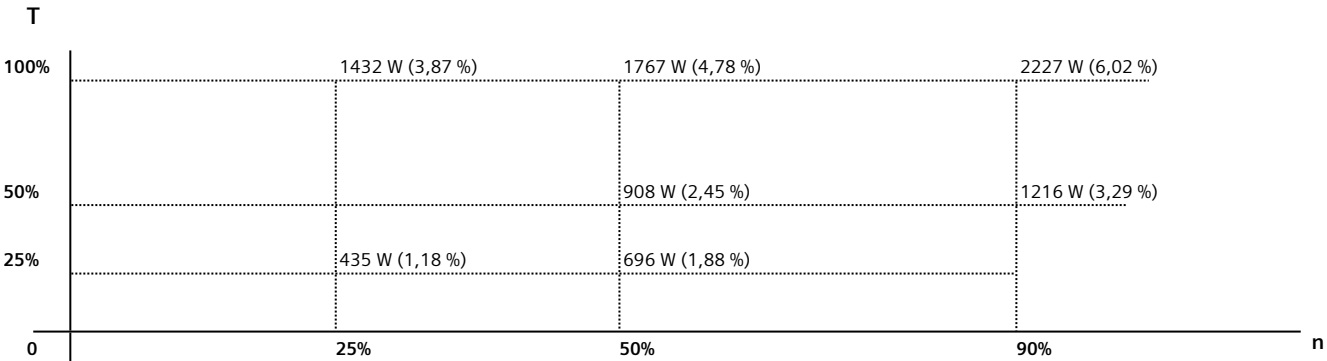
Motor type: 0CV4220B8

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	37.00	69	1486	238.0

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)	2227	6.02	342
P2 (50/100)	1767	4.78	194
P3 (25/100)	1432	3.87	101
P4 (90/50)	1216	3.29	337
P5 (50/50)	908	2.45	189
P6 (50/25)	696	1.88	187
P7 (25/25)	435	1.18	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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