



Energy report



Customer data	
Customer	
Project	Projekt1
Name	

Calculation bases	
Energy price	[EUR/kWh] : 0,1
Cycle time	[s] : 150
Cycles per hour	: 24
Annual operating hours	[h] : 2000 (8 Hours/day x 5 Days/week x 50 Weeks/year)

Drive data	
Application	MOVIGEAR
Drive	MGFAS2-DSM-DBC-B/ECR

Energy demand analysis						
	Energy demand		Energy costs		CO2 emissions	
Per cycle	27862	[Ws]	0,0007739	[EUR]	0,004682	[kg]
Per year	371,5	[kWh]	37,15	[EUR]	224,8	[kg]

Energy demand of the application (mechanical):		Energy demand (electrical):
18614		27862
Ws/Zyklus		Ws/Zyklus
248,2 kWh/a		371,5 kWh/a

Note: The estimated energy demand for this application is solely based on the customer-specific operator and system data (see project planning report) that have been provided by the customer. The real energy demand of a drive system depends on the actual operating conditions and environmental influences on site. Therefore, it is quite possible that the energy demand calculated through a calculation model deviates from the actual energy demand. SEW-EURODRIVE GmbH & Co KG assumes no liability for the correctness of the calculated energy demand.

TÜV SÜD certification "Energy-efficient plant technology"



With the certification "Energy-efficient plant technology", the TÜV SÜD documents the correct analysis of the energy consumptions of individual drive components. The determined energy demand, energy costs and CO2 emissions are the basis for generating a customized, energy-efficient drive solution.