TECHNICAL DOCUMENTATION

Supplier's name or trade mark	Beko
Model identifier	BDIN38645D 7628502677
Testing conditions	Data required for performance tests shall be provided upon request. Requests can be e-mailed to the following address: dishwasher@standardloading.com Do not forget to provide the code, stock number and serial number of the product to be tested in your request e-mail along with your contact information. Code, stock number and serial number of the product may be found on the type label attached to the side wall of the door.
Reference to the harmonised or other standards applied	EN 60436:2020+A11:2020, EN 60704-2-3:2019+A11:2019
Reference to the other technical standards and specifications	

PARAMETERS		DECLARED / CALCULATED VALUE	UNIT
Rated capacity	PS	16	-
Eco programme energy consumption	EPEC	0,768	kWh/cycle
Standard programme energy consumption	SPEC	$SPEC = 0,025 * 16 + 1,350$ 1,750	kWh/cycle
Energy efficiency index	EEI	$EEI = 0,768 / 1,750 * 100$ 43,9	-
Eco programme water consumption	EPWC	9,5	l/cycle
Cleaning performance index	I_C	1,130	-
Drying performance index	I_D	1,070	-
Duration of the eco programme	T_t	3:56	h:min
Power consumption in off-mode (if applicable)	P_o	0,50	W
Power consumption in standby mode (if applicable)	P_{sm}	1,00	W
Does standby mode include the display of information?	—	Yes	-
Power consumption in standby mode in condition of networked standby (if applicable)	$P_{sm (networked)}$	-	W
Power consumption in delay start (if applicable)	P_{ds}	4,00	W
Airborne acoustical noise emissions	—	42	dB(A) re 1 pW

PARAMETERS	UNIT	CALCULATION
Standard Programme Energy Consumption — SPEC	kWh/cycle	The SPEC is calculated in kWh/cycle and rounded to three decimal places as follows: (1) for household dishwashers with rated capacity ps ≥ 10 and width > 50 cm: $$SPEC = 0{,}025 \times ps + 1{,}350$$ (2) for household dishwashers with rated capacity ps ≤ 9 or width ≤ 50 cm: $$SPEC = 0{,}090 \times ps + 0{,}450$$ where ps is the number of place settings.
Energy Efficiency Index — EEI	-	The EEI is calculated as follows and rounded to one decimal place: $$EEI = (EPEC/SPEC) \times 100$$ where: EPEC is the eco programme energy consumption of the household dishwasher, measured in kWh/cycle and rounded to three decimal places;
Cleaning Performance Index — I_C	-	The I_C is calculated as follows and rounded to three decimal places: $$I_C = \exp(\ln I_C)$$ and $$\ln I_C = (1/n) \times \Sigma^n_{i=1} \ln(C_{T,i}/C_{R,i})$$ where: $C_{T,i}$ is the cleaning performance of the eco programme of the household dishwasher under test for one test run (i), rounded to three decimal places; $C_{R,i}$ is the cleaning performance of the reference dishwasher for one test run (i), rounded to three decimal places; n is the number of test runs.
Drying Performance Index — I_D	-	The I_D is calculated as follows and rounded to three decimal places: $$I_D = \exp(\ln I_D)$$ and $$\ln I_D = (1/n) \times \Sigma^n_{i=1} \ln(I_{D,i})$$ where: $I_{D,i}$ is the drying performance index of the eco programme of the household dishwasher under test for one test run (i); n is the number of combined cleaning and drying test runs. The $I_{D,i}$ is calculated as follows and rounded to three decimal places: $$\ln I_{D,i} = \ln(D_{T,i} / D_{R,t})$$ where: $D_{T,i}$ is the average drying performance score of the eco programme of the household dishwasher under test for one test run (i), rounded to three decimal places; $D_{R,t}$ is the target drying score of the reference dishwasher, rounded to three decimal places.