

Supplier's name or trade mark:		Beko					
Supplier's address:		ARCTIC S.A., G e t i, Dâmbovia, 13 Decembrie Street, No 210, România					
Model identifier:		W EY84064EG 7001740006					
General product parameters:							
Parameter		Value		Parameter		Value	
Rated capacity (kg)	8,0		Dimensions in cm		Height	84,0	
					Width	60,0	
					Depth	55,0	
EEI _w	51,5		Energy efficiency class		A		
Washing efficiency index	1,040		Rinsing effectiveness (g/kg)		4,9		
Energy consumption in kWh per cycle, based on the eco 40-60 programme. Actual energy consumption will depend on how the appliance is used.		0,468		Water consumption in litre per cycle, based on the eco 40-60 programme. Actual water consumption will depend on how the appliance is used and on the hardness of the water.		33	
Maximum temperature inside the treated textile (°C)	Rated capacity	35		Remaining moisture content (%)	Rated capacity	53,0	
	Half	25			Half	53	
	Quarter	21			Quarter	53,0	
Spin speed (rpm)	Rated capacity	1400		Spinning efficiency class	B		
	Half	1400					
	Quarter	1400					
Programme duration (h:min)	Rated capacity	3:38		Type	free-standing		
	Half	2:47					
	Quarter	2:47					
Airborne acoustical noise emissions in the spinning phase (dB(A) re 1 pW)	72		Airborne acoustical noise emission class (spinning phase)		A		
Off-mode (W)	0,50		Standby mode (W)		0,50		
Delay start (W) (if applicable)	4,00		Networked standby (W) (if applicable)		2,00		
Minimum duration of the guarantee offered by the supplier :				12 months			
This product has been designed to release silver ions during the washing cycle				NO			
Additional information:							
Weblink to the supplier's website, where the information in point 9 of Annex II to Commission Regulation (EU) 2019/2023 is found:				http://support.beko.com			

Reference to the harmonised or other standards applied	EN 60456:2016/prA:2020, IEC 60704-2-4:2012	
Reference to the other technical standards and specifications		
PARAMETER	UNIT	DECLARED/CALCULATED VALUES
Rated capacity for the eco 40-60 programme, at 0,5 kg intervals (c)	kg	8,0
Energy consumption of the eco 40-60 programme at rated capacity ($E_{W,full}$)	kWh/cycle	0,760
Energy consumption of the eco 40-60 programme at half rated capacity ($E_{W,1/2}$)	kWh/cycle	0,380
Energy consumption of the eco 40-60 programme at quarter rated capacity ($E_{W,1/4}$)	kWh/cycle	0,220
Weighted energy consumption of the eco 40-60 programme (E_w)	kWh/cycle	0,468
Standard energy consumption of the eco 40-60 programme (SCE_w)	kWh/cycle	0,909
Energy Efficiency Index (EEL_w)	-	51,5
Water consumption of the eco 40-60 programme at rated capacity ($W_{W,full}$)	L/cycle	47,0
Water consumption of the eco 40-60 programme at half rated capacity ($W_{W,1/2}$)	L/cycle	27,6
Water consumption of the eco 40-60 programme at quarter rated capacity ($W_{W,1/4}$)	L/cycle	22,0
Weighted water consumption (W_w)	L/cycle	33
Washing efficiency index of the eco 40-60 programme at rated capacity (l_w)	-	1,040
Washing efficiency index of the eco 40-60 programme at half rated capacity (l_w)	-	1,040
Washing efficiency index of the eco 40-60 programme at quarter rated capacity (l_w)	-	1,040
Rinsing effectiveness of the eco 40-60 programme at rated capacity (l_r)	g/kg	4,9
Rinsing effectiveness of the eco 40-60 programme at half rated capacity (l_r)	g/kg	4,9
Rinsing effectiveness of the eco 40-60 programme at quarter rated capacity (l_r)	g/kg	4,9
Programme duration of the eco 40-60 programme at rated capacity (t_w)	h:min	3:38
Programme duration of the eco 40-60 programme at half rated capacity (t_w)	h:min	2:47
Programme duration of the eco 40-60 programme at quarter rated capacity (t_w)	h:min	2:47
Temperature reached for minimum 5 min inside the load during eco 40-60 programme at rated capacity (T)	°C	35
Temperature reached for minimum 5 min inside the load during eco 40-60 programme at half rated capacity (T)	°C	25
Temperature reached for minimum 5 min inside the load during eco 40-60 programme at quarter rated capacity (T)	°C	21
Spin speed in the spinning phase of the eco 40-60 programme at rated capacity (S)	rpm	1400
Spin speed in the spinning phase of the eco 40-60 programme at half rated capacity (S)	rpm	1400
Spin speed in the spinning phase of the eco 40-60 programme at quarter rated capacity (S)	rpm	1400
Remaining moisture content for the eco 40-60 programme at rated capacity ($D_{1/2}$)	%	53,0
Remaining moisture content for the eco 40-60 programme at half rated capacity ($D_{1/2}$)	%	53
Remaining moisture content for the eco 40-60 programme at quarter rated capacity ($D_{1/2}$)	%	53,0
Weighted remaining moisture content (D)	%	53,0
Airborne acoustical noise emissions during eco 40-60 programme (spinning phase)	dB(A) re 1 pW	72
Power consumption in 'off mode' (P_o)	W	0,50
Power consumption in 'standby mode' (P_{sm})	W	0,50
Does 'standby mode' include the display of information?	-	No
Power consumption in 'standby mode' (P_{sm}) in condition of networked standby (if applicable)	W	2,00
Power consumption in 'delay start' (P_{ds}) (if applicable)	W	4,00

$$A = -0,0391 \times c + 0,6918$$

$$B = -0,0109 \times c + 0,3582 \quad E_{W,z} = \frac{1}{n} \sum_{i=1}^n W_{W,z,i}$$

$$C = 1 - (A + B)$$

$$E_w = A \times E_{W,full} + B \times E_{W,1/2} + C \times E_{W,1/4}$$

$$SCE_w = -0,0025 \times c^2 + 0,0846 \times c + 0,3920$$

$$EEL_w = \frac{E_w}{SCE_w} \times 100$$

$$W_{W,z} = \frac{1}{n} \sum_{i=1}^n W_{W,z,i}$$

$$W_w = A \times W_{W,full} + B \times W_{W,1/2} + C \times W_{W,1/4}$$

$$C_z = \frac{1}{n} \sum_{i=1}^n C_{z,i} \quad l_{W,z} = \frac{C_z}{C_{ref}}$$

$$Asp_i = Asp_{i,223} - Asp_{i,230} \quad Cs_j = \frac{Asp_{avg,j} - b}{m} \quad DSw_k = \frac{Dsj}{W_{Swk}} \quad DL_i = DSw_{avg,i}$$

$$Asp_{avg,j} = \frac{1}{n} \sum_{i=1}^n Asp_i \quad Dsj = Cs_j \times W_{Sj} \times \frac{11}{1000g} \quad DSw_{avg,i} = \frac{1}{n} \sum_{k=1}^n DSw_k \quad R = \frac{1}{n} \sum_{i=1}^n DL_i$$

i: specimen
j: sample
n: number of measurement
Asp_i: net absorbance for each specimen
Asp_{avg}: Average absorbance
m: slope of detergent calibration curve
b: intercept detergent of calibration curve
Cs_j: concentration of detergent sample
W_{Sj}: weight of water in sample
Dsj: Mass of detergent recovered from sample
Dswk: Ratio of mass of detergent recovered per gram of test swatch
Dsw_{avg}: Average Dswk of test run
DL_i: Ratio of mass of detergent per kg of load
R: Rinsing effectiveness of all test runs

$$t_w = \frac{1}{n} \sum_{i=1}^n t_{w,z,i}$$

$$x = \frac{300 \text{ s}}{\text{sampling rate (s)}}$$

$$\theta_{max,z,i} = \frac{1}{n} \sum_{i=1}^n \theta_{max,z,i,k}$$

$$\theta_{max,z} = \frac{1}{m} \sum_{i=1}^m \theta_{max,z,i}$$

$$S_z = \frac{1}{n} \sum_{i=1}^n S_{z,i}$$

$$D_{1/2,part,i} = \frac{M_{r,1/2,part,i} - M_{part}}{M_{part}} \quad D_{z,i} = \frac{M_{r,z,i} - M_z}{M_z} \quad D_z = \frac{1}{n} \sum_{i=1}^n D_{z,i}$$

$$D_{1/2} = \frac{1}{4} (D_{1/2,part,A,1} + D_{1/2,part,B,2} + D_{1/2,part,A,3} + D_{1/2,part,B,4})$$

M: mass of conditioned load
D_{z,i}: Remaining moisture content of test run
D_z: Remaining moisture content of treatment
M_r: Mass of load at the end of test run
M: Mass of conditioned load
i: test run

$$D = \left[A \times D_{full} + B \times D_{1/2} + C \times D_{1/4} \right]$$

$E_{W,z,i}$: energy consumption of test run
 $E_{W,z}$: energy consumption of treatment
z: treatment
i: number of test run

$W_{W,z,i}$: water consumption of test run
 $W_{W,z}$: water consumption of treatment
z: treatment
i: number of test run

C_z: The average of the sum of reflectance values for each treatment
C_{ref}: The average of the sum of reflectance values for reference machine

t: programme duration
i= test run
z: treatment
t_w= duration of treatment

Sort data in descending order and identify x'th data

θ_{max,z}: max temperature of treatment
θ_{max,z,i}: max temperature of each run
θ_{max,z,i,k}: max temperature of the datalogger
z: treatment
i: test run
k: data logger

S_z: max spin speed of treatment
S_{z,i}: max spin speed of test run
z: treatment
i: test run