Supplier's name or trade mark:	**Beko**
Supplier's address :	**Arctic S.A Gaesti, Dambovita, 13 Decembrie Street, No 210, Romania**
Model identifier:	**B3WF U 7744 WB 7002740001**

Reference to the harmonised or other standards applied		**EN 60456:2016/A11:2020, 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**	**7,0**
Energy consumption of the eco 40-60 programme at rated capacity ($E_{W,full}$)	**kWh/cycle**	**0,646**
Energy consumption of the eco 40-60 programme at half rated capacity ($E_{W,½}$)	**kWh/cycle**	**0,405**
Energy consumption of the eco 40-60 programme at quarter rated capacity ($E_{W,¼}$)	**kWh/cycle**	**0,200**
Weighted energy consumption of the eco 40-60 programme (E_W)	**kWh/cycle**	**0,444**
Standard energy consumption of the eco 40-60 programme (SCE_W)	**kWh/cycle**	**0,862**
Energy Efficiency Index (EEI_W)	**-**	**51,5**
Water consumption of the eco 40-60 programme at rated capacity ($W_{W,full}$)	**L/cycle**	**45,0**
Water consumption of the eco 40-60 programme at half rated capacity ($W_{W,½}$)	**L/cycle**	**36,0**
Water consumption of the eco 40-60 programme at quarter rated capacity ($W_{W,¼}$)	**L/cycle**	**28,0**
Weighted water consumption (W_W)	**L/cycle**	**37**
Washing efficiency index of the eco 40-60 programme at rated capacity (I_W)	**-**	**1,035**
Washing efficiency index of the eco 40-60 programme at half rated capacity (I_W)	**-**	**1,035**
Washing efficiency index of the eco 40-60 programme at quarter rated capacity (I_W)	**-**	**1,035**
Rinsing effectiveness of the eco 40-60 programme at rated capacity (I_R)	**g/kg**	**4,9**
Rinsing effectiveness of the eco 40-60 programme at half rated capacity (I_R)	**g/kg**	**4,9**
Rinsing effectiveness of the eco 40-60 programme at quarter rated capacity (I_R)	**g/kg**	**4,9**
Programme duration of the eco 40-60 programme at rated capacity (t_W)	**h:min**	**3:27**
Programme duration of the eco 40-60 programme at half rated capacity (t_W)	**h:min**	**2:41**
Programme duration of the eco 40-60 programme at quarter rated capacity (t_W)	**h:min**	**2:41**
Temperature reached for minimum 5 min inside the load during eco 40-60 programme at rated capacity (T)	**°C**	**34**
Temperature reached for minimum 5 min inside the load during eco 40-60 programme at half rated capacity (T)	**°C**	**27**
Temperature reached for minimum 5 min inside the load during eco 40-60 programme at quarter rated capacity (T)	**°C**	**22**
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**
Weighted remaining moisture content (D)	**%**	**53,9**
Airborne acoustical noise emissions during eco 40-60 programme (spinning phase)	**dB(A) re 1 pW**	**72**
Power consumption in 'off mode' (P_o) (if applicable)	**W**	**0,50**
Power consumption in 'standby mode' (P_{sm}) (if applicable)	**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**

$A = -0,0391 \times c + 0,6918$ $E_{W,z} = \frac{1}{n}\sum_{i=1}^{n} W_{w,z,i}$ $E_{w,z,i}$:energy consumption of test run; $E_{w,z}$:energy consumption of treatment; z:treatment; i : number of test run

$B = -0,0109 \times c + 0,3582$

$C = 1 - (A + B)$

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

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

$EEI_W = \frac{E_W}{SCE_W} \times 100$

$W_{W,z} = \frac{1}{n}\sum_{i=1}^{n} W_{w,z,i}$ $W_{w,z,i}$:water consumption of test run; $W_{w,z}$:water consumption of treatment; z:treatment; i : number of test run

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

$C_Z = \frac{1}{n}\sum_{i=1}^{n} C_{z,i}$ $I_{W,z} = \frac{C_z}{C_{ref}}$ C:sum of reflectance values; i= test run; z=treatment (full,1/2,1/4); Cz:The avarage of the sum of reflectance values for each treatment; Cref=the avarage of the sum of reflectance values for reference machine

$Asp_i = Asp_{i,223} - Asp_{i,330}$ $Cs_j = \frac{Asp_{avg,j} - b}{m}$ $Dsw_k = \frac{Ds_j}{Wsw_k}$ $DL_I = Dsw_{avg,I}$

$Asp_{avg,j} = \frac{1}{n}\sum_{i=1}^{n} Asp_i$ $Ds_j = Cs_j \times Ws_j \times \frac{1\,l}{1000\,g}$ $Dsw_{avg,I} = \frac{1}{n}\sum_{k=1}^{n} Dsw_k$ $R = \frac{1}{n}\sum_{l=1}^{n} DL_I$

i:speciment
j:sample
n: number of measurement
Asp,i: net apsorbance for each specimen
Asp,avg: Average absorbance
m:slope of detergent calibration curve
b:intercept detergent of calibration curve
Csj: concentration of detergent sample
Wsj: 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
DLı:Ratio of mass of detergent per kg of load
R: Rinsing effectiveness of all test runs

$t_{w,z} = \frac{1}{n}\sum_{i=1}^{n} t_{w,z,i}$ t:program duration; i= test run; z:treatment; t_w=duration of treatment

$x = \frac{300\ s}{sampling\ rate\ (s)}$ Sort data in descending order and identify x'th data

$\vartheta_{max,z,i} = \frac{1}{n}\sum_{i=1}^{n} \vartheta_{max,z,i,k}$ $\vartheta_{max,z}$: max temperature of treatment; $\vartheta_{max,z,i}$: max temperature of each run; $\vartheta_{max,z,i,k}$: max temperature of the datalogger; z:treatment; i:test run; k:data logger

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

$S_z = \frac{1}{n}\sum_{i=1}^{n} S_{z,i}$ S_z :max spin speed of treatment; $S_{z,i}$: max spin speed of test run; z:treatment; i:test run

$D_{½,part,i} = \frac{M_{r,½,part,i} - M_{part}}{M_{part}}$ $D_{z,i} = \frac{M_{r,z,i} - M_z}{M_z}$ $D_z = \frac{1}{n}\sum_{i=1}^{n} D_{z,i}$

$D_{1/2} = \frac{1}{4}(D_{½,part\,A,1} + D_{½,part\,B,2} + D_{½,part\,A,3} + D_{½,part\,B,4})$

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

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

$A = -0,0391 \times 7,0 + 0,6918 = 0,418$
$B = -0,0109 \times 7,0 + 0,3582 = 0,282$
$C = 1 - (0,418 + 0,282) = 0,300$

$A = -0,0391 \times c + 0,6918 =$
$B = -0,0109 \times c + 0,3582 =$
$C = 1 - (A + B) =$

$E_W = 0,418 \times 0,646 + 0,282 \times 0,405 + 0,300 \times 0,200 = 0,444$
$SCE_W = -0,0025 \times 7,0^2 + 0,0846 \times 7,0 + 0,3920 = 0,862$
$EEI_W = \frac{0,444}{0,862} \times 100 = 51,5$

$E_W = A \times E_{W,full} + B \times E_{W,\frac{1}{2}} + C \times E_{W,\frac{1}{4}} =$
$SCE_W = -0,0025 \times c^2 + 0,0846 \times c + 0,3920 =$
$EEI_W = \frac{E_W}{SCE_W} \times 100 =$

$W_W = 0,418 \times 45,0 + 0,282 \times 36,0 + 0,300 \times 28,0 = 37$

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