

# Circuit Diagram

## Technical Specifications

### GENERAL FEATURES

Supply voltage ..... 230 V  
Dimensions (height, width, depth) ..... 85/40/60 cm  
Dryclothes loading capacity ..... 5,5 kg  
Drum rotation speed (washing/spinning) 55/600-1500 r.p.m  
Intermediate speed ..... 1000 r.p.m  
Intermediate speed ..... 850 r.p.m

#### **WATER LOAD CAPACITY (without clothes) :**

Heating Level I ..... 2 l  
Heating Level II ..... 2 l  
Anti-overflow level ..... 43 l

#### **WATER PRESSURE :**

Max./Min. .... 0,8/0,05 MPa

#### **CONSUMPTIONS (COTTON 60°) :**

see energie label

### TECHNICAL PARTICULARS

#### **DRAIN PUMP :**

Maxi head ..... 100 cm  
Mini head ..... 70 cm  
Delivery rate ..... 25 l/min  
Power absorbed ..... 30 W  
Winding resistance ..... 164/224 ohm

#### **HEATING ELEMENT :**

Power absorbed ..... 1950 W  
Resistance ..... 27 ohm

#### **WATER VALVE :**

Delivery rate ..... 5,5 l/min  
Coil resistance ..... 4300 ohm

#### **CYCLING PUMP :**

Delivery rate ..... 12 l/min  
Power absorbed ..... 18 W  
Winding resistance ..... 200 ohm

#### **DOOR INTERLOCK :**

Type ..... voltmetric  
Internal door locking ..... 0,02 s  
Internal door release ..... 0,02 s

#### **DOOR INTERLOCK :**

Type ..... voltmetric  
Internal door locking ..... 6 s  
Internal door release ..... 40-120 s

#### **WATERSAFETY SYSTEM :**

Type ..... 110539000

**TEMPERATURE PROBE (NTC) ..... 6 kW at 20°C**

#### **PRESSURE SWITCH ANALOGIC :**

Analogic Level ..... 000 mm - 44,7 Hz  
Analogic Level ..... 300 mm - 36,1 Hz

#### **USER INTERFACE : EWM2100**

Identification mark ..... 13251510.  
Identification mark ..... 13251511.  
Identification mark ..... 13251512.  
Identification mark ..... 13251513.

#### **USER INTERFACE : EWM2500**

Identification mark ..... 13251520.  
Identification mark ..... 13251521.  
Identification mark ..... 13251522.  
Identification mark ..... 13251523.

#### **MODULE REGULATION SPEED : EWM2500**

Module ..... 13252771.  
Supply voltage ..... 230 V

#### **DOOR POSITIONNING (electric):**

Identification mark ..... 146132000

#### **DISPLAY LCD :**

TC4 ..... 13252920.  
TC3 ..... 13252911.  
TC2 ..... 13252901.  
TC1 ..... 13252950.  
TC1 ..... 13252830.

#### **CONNECTION :**

Water supply connection ..... 1,5 m long  
Water discharge connection height ..... mini 70 / maxi 100 cm  
Total power ..... 2300 W

**COLLECTOR MOTOR :**

Pulley ratio ..... 10,2  
 Insulation class ..... F  
 Spinning speed ..... 1450 r.p.m  
 Winding resistance (1-2) ..... 5,44 ohm  
 Winding resistance (3-2) ..... 5,44 ohm  
 Winding resistance (1-3) ..... 5,44 ohm  
**TACHOGENERATOR:**  
 Resistance (5-4) ..... 115 ohm

Pulley ratio ..... 10,4  
 Insulation class ..... B/F  
 Spinning speed ..... 1450 r.p.m  
 Winding resistance (3-4) ..... 2,20 ohm  
 Winding resistance (1-2-5) ..... 0,55 ohm  
 Winding resistance (2-5) ..... 1,10 ohm

**TACHOGENERATOR:**  
 Resistance (6-7) ..... 135 ohm

Pulley ratio ..... 10,4  
 Insulation class ..... B/F  
 Spinning speed ..... 1450 r.p.m  
 Winding resistance (3-4) ..... 1,78 ohm  
 Winding resistance (1-2-5) ..... 0,60 ohm  
 Winding resistance (2-5) ..... 1,75 ohm

**TACHOGENERATOR:**  
 Resistance (6-7) ..... 68,7 ohm

Pulley ratio ..... 12  
 Insulation class ..... B/F  
 Spinning speed ..... 1250 r.p.m  
 Winding resistance (3-4) ..... 1,73 ohm  
 Winding resistance (1-2-5) ..... 1,10 ohm  
 Winding resistance (2-5) ..... 1,70 ohm

**TACHOGENERATOR:**  
 Resistance (6-7) ..... 15,1 ohm

Pulley ratio ..... 12  
 Insulation class ..... B/F  
 Spinning speed ..... 1250 r.p.m  
 Winding resistance (3-4) ..... 1,65 ohm  
 Winding resistance (1-2-5) ..... 0,62 ohm  
 Winding resistance (2-5) ..... 1,23 ohm

**TACHOGENERATOR:**  
 Resistance (6-7) ..... 135 ohm

Pulley ratio ..... 12  
 Insulation class ..... B/F  
 Spinning speed ..... 1150 r.p.m  
 Winding resistance (3-4) ..... 1,90 ohm  
 Winding resistance (2-5) ..... 1,30 ohm

**TACHOGENERATOR:**  
 Resistance (6-7) ..... 68,7 ohm

Pulley ratio ..... 14  
 Insulation class ..... B/F  
 Spinning speed ..... 1050 r.p.m  
 Winding resistance (3-4) ..... 1,62 ohm  
 Winding resistance (2-5) ..... 1,67 ohm  
**TACHOGENERATOR:**  
 Resistance (6-7) ..... 15,1 ohm

Pulley ratio ..... 14  
 Insulation class ..... B/F  
 Spinning speed ..... 1050 r.p.m  
 Winding resistance (3-4) ..... 2,46 ohm  
 Winding resistance (2-5) ..... 1,86 ohm  
**TACHOGENERATOR:**  
 Resistance (6-7) ..... 68,7 ohm

Pulley ratio ..... 18  
 Insulation class ..... B/F  
 Spinning speed ..... 850 r.p.m  
 Winding resistance (3-4) ..... 1,62 ohm  
 Winding resistance (2-5) ..... 1,67 ohm  
**TACHOGENERATOR:**  
 Resistance (6-7) ..... 15,1 ohm

Pulley ratio ..... 18  
 Insulation class ..... B/F  
 Spinning speed ..... 850 r.p.m  
 Winding resistance (3-4) ..... 2,25 ohm  
 Winding resistance (2-5) ..... 1,83 ohm  
**TACHOGENERATOR:**  
 Resistance (6-7) ..... 68,7 ohm

Pulley ratio ..... 21  
 Insulation class ..... B/F  
 Spinning speed ..... 600 r.p.m  
 Winding resistance (3-4) ..... 3,82 ohm  
 Winding resistance (2-5) ..... 3,58 ohm  
**TACHOGENERATOR:**  
 Resistance (6-7) ..... 68,7 ohm