General Data

Model: COMPATTA 2 M/G

Code: 2000006
Series: Compatta
Weight [Kg] 15.50
Submersible pump for sewage with suspended solids

Hydraulic

Impeller Type: Vortex Impeller

G 1"1/2 Delivery DN [mm]: 40 Input DN [mm]: 35 Free Passage [mm]: 96 Impeller Ø [mm]: 24.20 Max Pump Efficiency [%]: 21.15 Global Efficiency [%]: 5.74 Head [m]: 7.20 Flow [m³/h]:

Tollerance according to ISO 9906:2012 3B2



Attention: pictures for illustrative purposes

Features

Upper Meccanical seal: Lips seal

Lower Meccanical Seal:

Upper Bearing:

Silicon Carbide/Ceramic/Viton
Single raw ball bearing
Single raw ball bearing

IP Protection:

Motor protection:

Humidity sensor:

ATEX:

IP68

present

not present

not present

Applied Paint: Two component water-based paint

Cable Length [m]: 10
Lubricating Oil: -

Oil Quantity [Kg]:

Materials

Pump: Cast Iron EN 1561 EN-GJL-200 Impeller: Cast iron EN 1561 EN-GJL-200

Motor shaft: Stainless steel AISI 420

Cooling Jacket: Not available

Screw: Stainless steel A2-70

Cable: H07RN8F

Pumped Liquid

Pumped Liquid: Sewage
Density [Kg/dm³]: 1.1
pH: 6-10
Temperature Range: 0-40°C

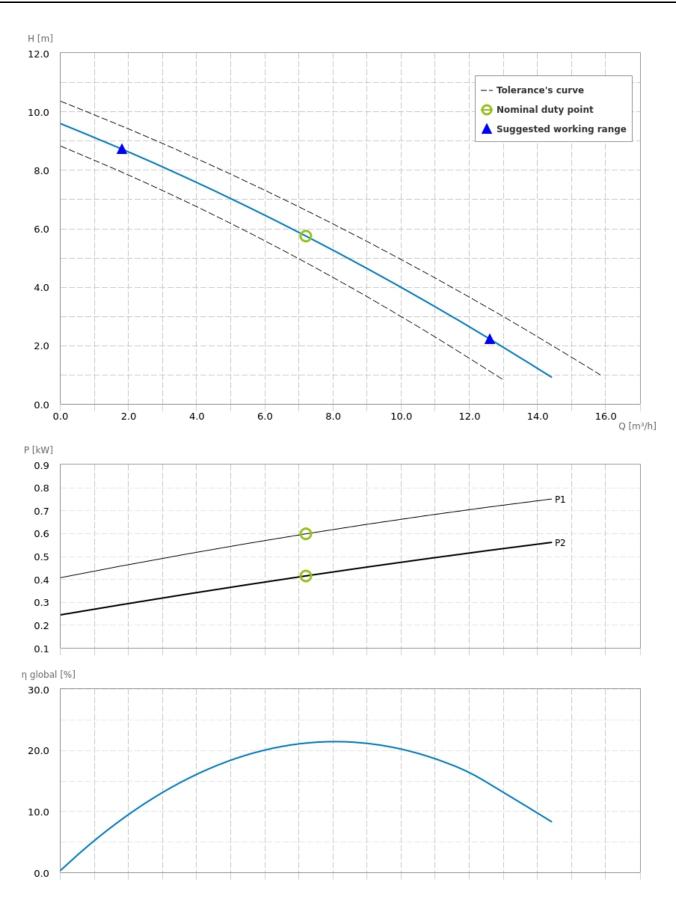
Installation

Maximum depth of immersion [m]: 2

Cooling Type: The cooling of the motor is ensured by the surrounding liquid

Installation: Vertical/Horizontal

Floating on board machine: present

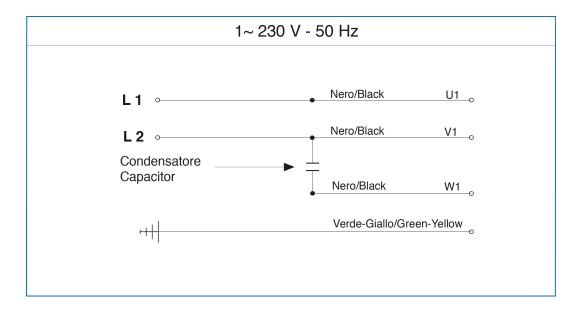




Motor

3520100410 Motor code: 0.75 Power P1 [kW]: Power P2 [kW]: 0.56 1 Phases: 50 Frequency [Hz]: 230 Tension [V]: 3.6 Nominal current [A]: 227.0 Starting current [%]: 0.92 Power Factor: 2850 R.P.M.: D.O.L Starting: 16.0 Capacitor [µF]: F 155°C Insulation Class: S2 Service type: 87.40 Max Efficiency [%]: 84.9 Max Efficiency at full load [%]: 87.0 Efficiency at 3/4 load [%]: 86.3 Efficiency at ½ load [%]: Efficiency class:

Wiring diagrams





Dimensions drawing

