

Code: T663A00210S0

Description: MÈTA-2

Pump data:

H max (m): 48.10

H min (m): 15.90

Q min (mc/h): 2.00

Q max (mc/h): 7.00

Impeller diameter (mm): 79.00

N. of impellers: 2

PF: 0.99

Weight (kg): 9.90

Construction materials:

Pump Casing: Cr-Ni steel 1.4301 EN 10088 (AISI 304)

Casing Cover: Cr-Ni steel 1.4301 EN 10088 (AISI 304)

Suction Casing: Noryl PPO-GF20

Stage Casing:: Cr-Ni steel 1.4301 EN 10088 (AISI 304)

Impeller:: Cr-Ni steel 1.4301 EN 10088 (AISI 304)

Shaft: Cr-Ni steel 1.4305 EN 10088 (AISI 303)

Mechanical Seal: Carbon-Ceramic-NBR

Motor data:

n (rpm): 5800

Pn (kW): 1.00

Pn (HP): 1.34

Motor type: IM

Motor phases: 1~

Un (V): 230

fn (Hz): 50

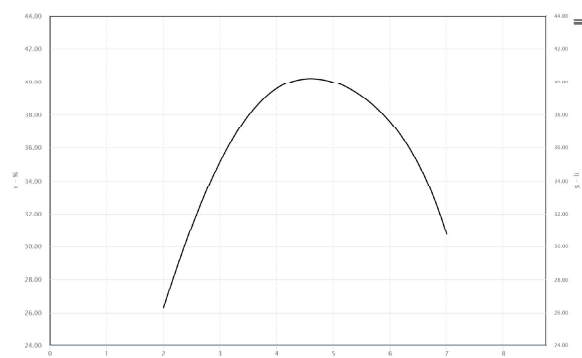
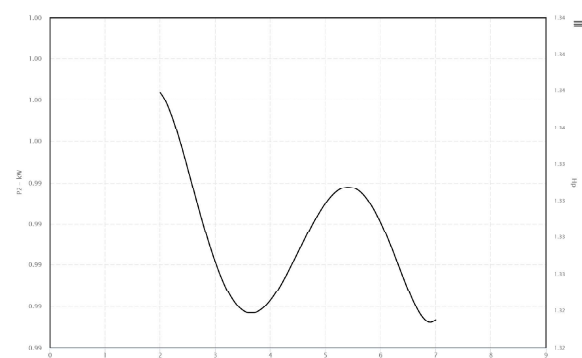
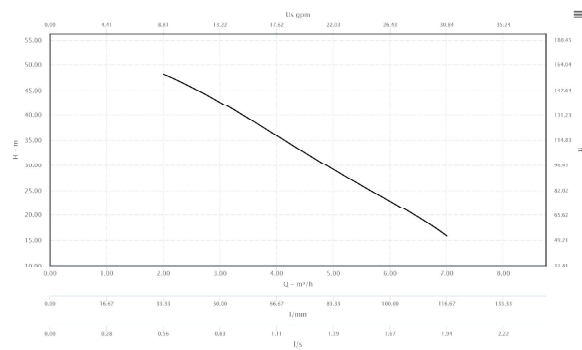
Motor poles: 2

In (A): 4.4

Insulation class: F

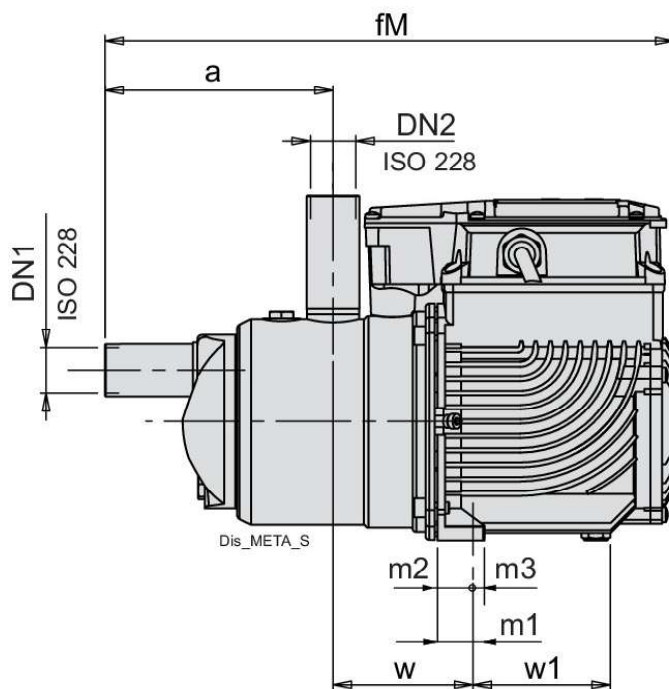
Service: S1

Ingress protection: IP X4

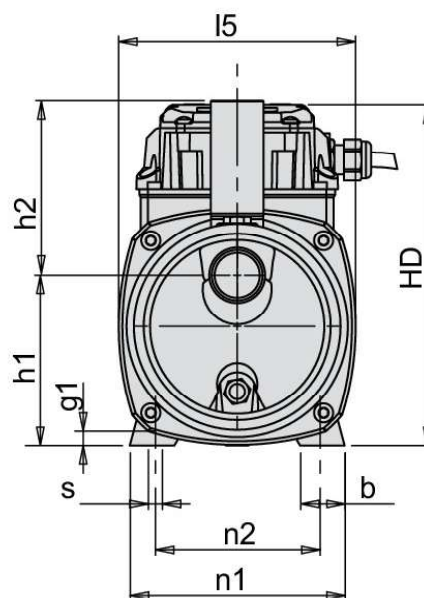


Dimensions (mm)

a: 155.00 mm
b: 30.00 mm
fM: 387.00 mm
g1: 10.00 mm
h1: 116.00 mm
h2: 124.00 mm
m1: 33.00 mm
m2: 25.00 mm
m3: 8.00 mm
n1: 146.00 mm
n2: 112.50 mm
HD: 237.00 mm
w: 95.00 mm
w1: 93.00 mm
dn1: G 1
dn2: G 1
I5: 161



MÈTA SMALL



META, MÈTA SMALL

Variable speed pressure boosting system with integrated control



CONSTRUCTION

Boosting pressure system with built-in FREQUENCY CONVERTER with horizontal multi-stage self-priming pump.

MÈTA is a plug and play solution, the pump is equipped with an integrated pressure transducer, an integrated check valve and a built-in pressure vessel.

The VSD controls the start and stop of the pump and allows to keep a constant pressure.

Boosting sets with 2 pumps

Suction and delivery manifolds in stainless steel AISI 304.

Connections are located on the delivery manifold for the installation of one vessel G1 connection.

APPLICATION

For water supply.

For domestic use, for garden use and irrigation.

OPERATING CONDITIONS

Liquid temperature: 0 °C to +35 °C.

Ambient temperature up to +40 °C.

Maximum permissible pressure in the pump casing: 8 bar.

Continuous duty