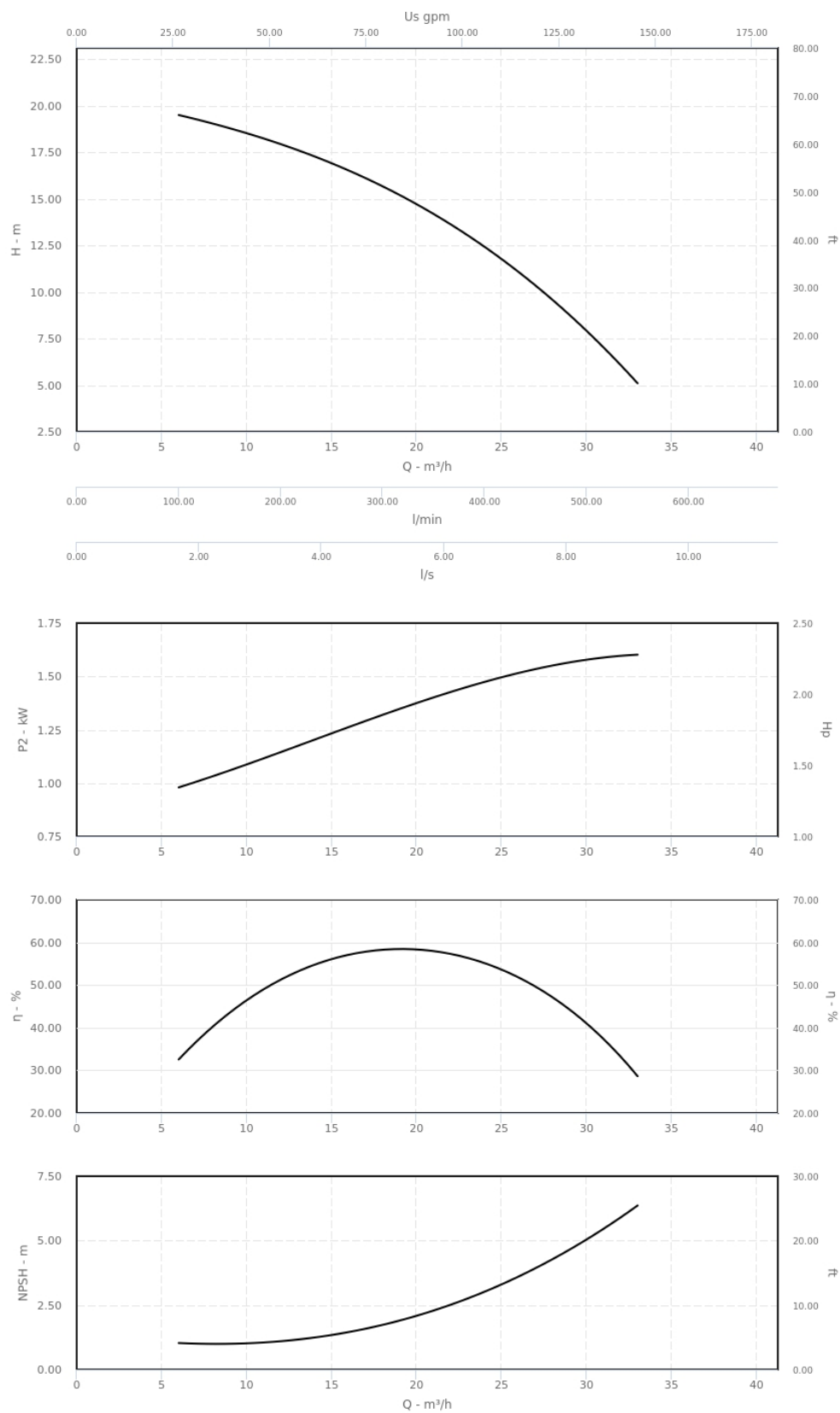


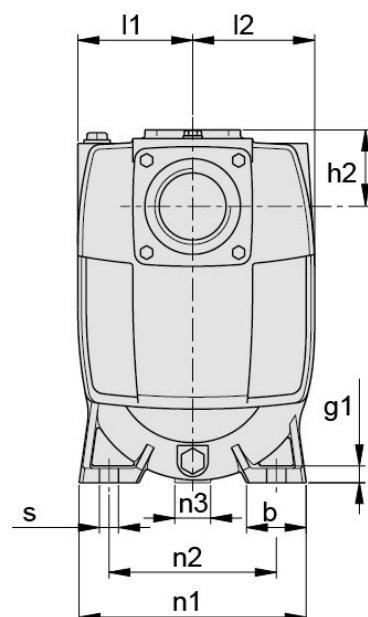
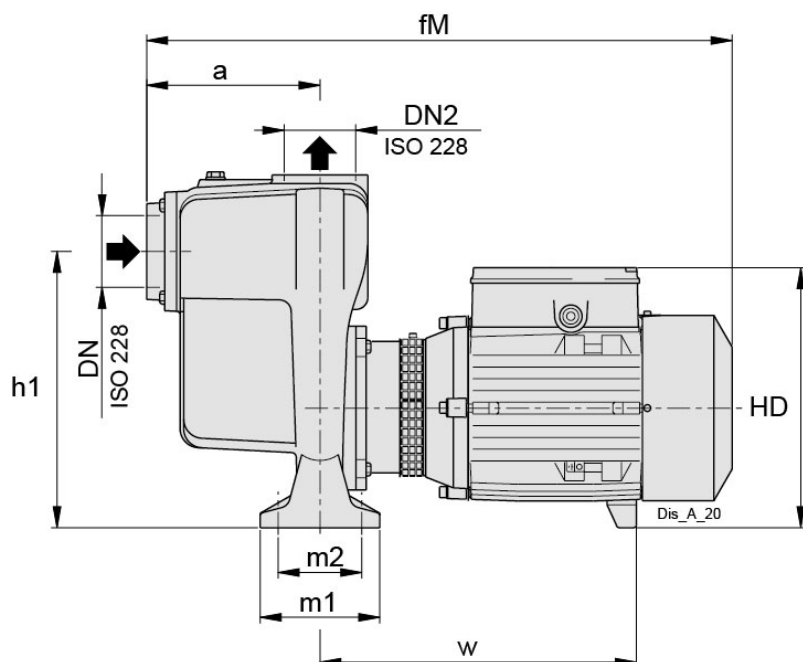
Code: 60G00901000**Description:**AM 50-125AE**Your selection****Power consumption:** 0.85**calpeda.npsh:** 1.44 m**Selected liquid:****Pump data:****H max (m):** 19.50**H min (m):** 5.00**Q min (mc/h):** 6.00**Q max (mc/h):** 33.00**Impeller diameter (mm):** 124.00**N. of impellers:** 1**PF:**0.97**Min liquid temperature (°C):** -10.00 °C**Weight (kg):** 29,97**Construction materials:****Pump Casing:** Cast iron GJL 200 EN 1561**Suction Flange:** Cast iron GJL 200 EN 1561**Lantern bracket:** Cast iron GJL 200 EN 1561**Impeller::** Cast iron GJL 200 EN 1561**Shaft:** Cr-Ni steel 1.4305 EN 10088 (AISI 303)**Mechanical Seal:** Carbon-Ceramic-NBR**Motor data:****n (rpm):** 2900**Pn (kW):** 1.50**Pn (HP):** 2.00**Motor type:** IM**Motor phases:** 1~**Un (V):** 230**fn (Hz):** 50**Motor poles:** 2**In (A):** 9.2**Insulation class:** F**Service:** S3**Ingress protection:** IP 54

curve calculate secondo ISO-TR 17766:2005



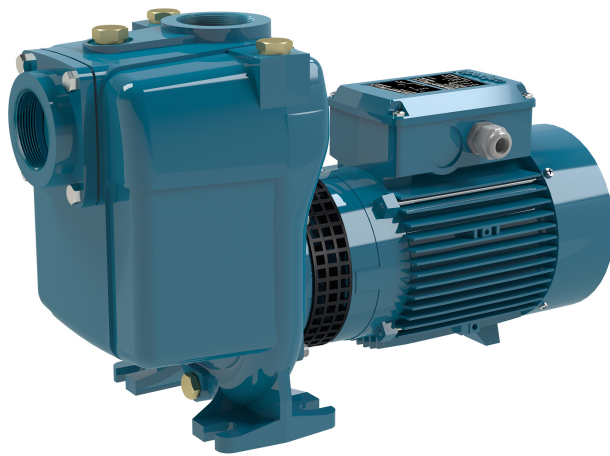
Dimensions (mm)

a: 147.00 mm
b: 50.00 mm
fM: 490.00 mm
g1: 12.00 mm
h1: 231.00 mm
h2: 64.00 mm
l1: 96.00 mm
l2: 102.00 mm
m1: 100.00 mm
m2: 70.00 mm
n1: 190.00 mm
n2: 140.00 mm
n3: 30.00 mm
HD: 223.00 mm
dn1: G 2
dn2: G 2
s: 16



A

Self-priming pumps with open impeller



CONSTRUCTION

Close-coupled centrifugal pumps with open impeller.

The built-in backflow preventer

avoids reverse siphoning when the pump is stopped and assures automatic re-priming at the next start.

The pump re-priming itself even if partially filled with liquid and with completely empty suction pipe.

A: version with pump casing and lantern bracket in cast iron.

B-A: version with pump casing and lantern bracket in bronze.

The pumps are supplied fully painted.

APPLICATION

For clean or slightly dirty water, also with solids up to 10 mm grain size for A 40, A 50 and 15 mm for A 65, A 80.

For draining a basin or a sump.

For irrigation.

For civil and industrial applications.

OPERATING CONDITIONS

Liquid temperature from -10 °C to +90 °C.

Ambient temperature up to 40° C.

Maximum permissible working pressure up to 6 bar (10 bar for A 80-170).

Continuous duty.